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(54) **PEPTIDES AND THEIR USE IN THE TREATMENT OF SKIN**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

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A61Q 19/08 (2006.01)
A61K 8/365 (2006.01)
A61K 8/36 (2006.01)
A61K 8/49 (2006.01)

(52) **U.S. Cl.**

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(58) **Field of Classification Search**

None
See application file for complete search history.

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(57) **ABSTRACT**

Peptides (and derivatives thereof), topical compositions, and methods of diminishing signs of aging and/or improving health of human integuments are provided. The peptides are derived from human Growth Differentiation Factor 11 (GDF-11).

5 Claims, No Drawings

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PEPTIDES AND THEIR USE IN THE TREATMENT OF SKIN

SEQUENCE LISTING

The instant application contains a Sequence Listing which has been submitted electronically in ASCII format and is hereby incorporated by reference in its entirety. Said ASCII copy, created on Jun. 4, 2015, is named SC184U-US_SL.txt and is 462,174 bytes in size.

FIELD OF INVENTION

The present invention relates generally to peptides, in particular peptides derived from the Growth Differentiation Factor 11 (GDF-11) protein and topical formulations containing them, as well as associated methods for improving the health of skin and/or diminishing the dermatological signs of aging in human skin.

BACKGROUND

Growth factors are naturally occurring substances, usually proteins, that act as signaling molecules between cells. Their primary function is promoting cell differentiation and maturation. Growth factors play an important role in many functions, such as stimulating cell growth, proliferation, and wound healing. Many large classes, or superfamilies, of related growth factors are known.

Growth Differentiation Factor 11 (GDF-11) is a protein belonging to the transforming growth factor (TGF) superfamily (e.g., TGF- β), which encompasses a group of structurally-related proteins. Blood-derived GDF-11 was recently shown to be involved in reverting the aging phenotype in mice, including cardiac hypertrophy (see Loffredo et al., *Cell*, 2013, 153, 828-839), age-related sarcopenia (see Sinha et al., *Science*, 2014, 344:649-52), and decreased cognitive functions (see Villeda et al., *Nat. Med.* 2014; 20:659-63). Due to the many important roles growth factors play in maintaining healthy tissues, there has been some interest in using them in dermatological formulations. There are, however, drawbacks associated with the use of growth factors in topical formulations.

It is therefore an object of the invention to provide new peptides and derivatives thereof derived from GDF-11 and topical compositions containing them. It is also an object of the invention to provide methods for improving the health and/or appearance of skin, combatting signs of intrinsic and photoaging, and/or treating skin disorders. It is a further object of the invention to provide compositions and methods for treating, reversing, forestalling and/or ameliorating skin wrinkles and fine lines, tightening sagging skin, firming skin, and for treating hyperpigmentation and unwanted pigmentation with cosmetic compositions comprising effective amounts of a peptide of the invention.

The foregoing discussion is presented solely to provide a better understanding of the nature of the problems confronting the art and should not be construed in any way as an admission as to prior art.

SUMMARY OF THE INVENTION

In accordance with the foregoing objectives and others, the present invention provides active agents comprising peptides and topical formulations. The active agents are believed to be useful for improving one or more signs of dermatological aging when topically applied to human

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integuments (skin, lips, nails, hair, etc.), particularly skin. They are also contemplated to be useful in treating a variety of dermatological disorders and improving the overall health of skin. The peptides of the invention are derived from human growth factor GDF-11. In some embodiments, the active agents of the invention are capable of increasing collagen and/or HA production within skin cells and therefore will have a beneficial effect on reducing the appearance of aging on skin (e.g., diminishing the appearance of wrinkles and/or fine lines, tightening sagging skin, thickening thinning skin, evening skin tone, treating hyperpigmentation and unwanted pigmentation, etc.).

Because using the full length growth factor protein, GDF-11, may present challenges including, for example, delivery obstacles and possibly undesired activity, smaller peptide sequences (e.g., 3-11 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 amino acids) derived from the sequence of the full-length protein have been designed. These peptides, especially peptides similar or homologous to putative functional regions of the protein, are contemplated to have biological activity, including antiaging benefits in skin.

One aspect of the invention provides compositions for topical use comprising an active agent comprising one or more GDF-11-derived peptides or fragments or derivatives thereof (e.g., having from 3-11 consecutive amino acids from the GDF-11 sequence) including cyclic peptide fragments of the invention in a physiologically acceptable carrier. The active agent may be present in the composition in an amount between about 0.000001% to about 10% (e.g., 0.0001-1%) by weight of the composition. Peptides useful in the practice of the invention include, for example, those comprising 3 amino acids (SEQ ID NO: 2-375); 4 amino acids (SEQ ID NO: 376-767); 5 amino acids (SEQ ID NO: 768-1161); 6 amino acids (SEQ ID NO: 1162-1556); 7 amino acids (SEQ ID NO: 1557-1951); 8 amino acids (SEQ ID NO: 1952-2346); 9 amino acids (SEQ ID NO: 2347-2741); 10 amino acids (SEQ ID NO: 2742-3136); 11 amino acids (SEQ ID NO: 3137-3531) or even larger fragments of GDF-11. In another aspect, methods are provided for ameliorating and/or preventing signs of human skin photoaging and intrinsic aging (e.g., diminishing the appearance of wrinkles and/or fine lines, tightening sagging skin, thickening thinning skin, evening skin tone, treating hyperpigmentation, etc.) comprising topically applying to the skin (e.g., skin of the face) a composition comprising, in a topically acceptable vehicle, one or more GDF-11-derived peptides of the invention.

These and other aspects of the present invention will become apparent to those skilled in the art after a reading of the following detailed description of the invention, including the illustrative embodiments and examples.

DETAILED DESCRIPTION

Detailed embodiments of the present invention are disclosed herein; however, it is to be understood that the disclosed embodiments are merely illustrative of the invention that may be embodied in various forms. In addition, each of the examples given in connection with the various embodiments of the invention is intended to be illustrative, and not restrictive. Therefore, specific structural and functional details disclosed herein are not to be interpreted as limiting, but merely as a representative basis for teaching one skilled in the art to variously employ the present invention.

All percentages given herein refer to the weight percentages of a particular component relative to the entire com-

position, including the vehicle, unless otherwise indicated. It will be understood that the sum of all weight % of individual components within a composition will not exceed 100%.

All terms used herein are intended to have their ordinary meaning unless otherwise provided. The phrases “physiologically acceptable,” “topically acceptable,” and “dermatologically acceptable” are used interchangeably and are intended to mean that a particular component is generally regarded as safe and non-toxic for application to a human integument (e.g., skin) at the levels employed. The term “prevent,” as used herein, includes delaying, slowing or forestalling the onset of or progression of a particular sign of skin aging. The phrase “individual in need thereof” refers to a human that could benefit from improved dermal appearance or health, including males or females. In some embodiments, the individual in need thereof is a female. The term “skin” includes, without limitation, the lips, skin of the face, hands, arms, neck, scalp, and chest. The term “thin” skin includes, but is not limited to, skin that is prematurely thinned, and may be diagnosed as such by a dermatologist. In some embodiments, the thin skin is skin of a female under

Peptides

The peptides of the invention comprise, consist essentially of, or consist of amino acid sequences derived from the Growth Differentiation Factor 11 (GDF-11) protein. Consisting essentially of, as used herein, is intended to mean that additional amino acids may be present at either terminus provided they do not substantially impair the activity of the peptide. For example, in embodiments where a peptide “consists essentially of” SEQ ID NOs 2-3531, any additional amino acids may be excluded from the peptide if their inclusion produces a measurable improvement (e.g., greater than 50% reduction) of the beneficial activity, including, without limitation, upregulation of pro-collagen, collagen, elastin, fibronectin, and/or hyaluronic acid.

In one embodiment, the active agent comprises a peptide that comprises from 3-11 (e.g., 3, 4, 5, 6, 7, 8, 9, 10, or 11) consecutive amino acids derived from the sequence of Growth Differentiation Factor 11 (GDF-11) precursor [*Homo sapiens*], NCBI Reference Sequence Accession No.: NP_005802.1, shown in Table 1 (SEQ ID NO: 1).

TABLE 1

Sequence of GDF-11 Precursor [<i>Homo Sapiens</i>]	
1	mvlaaapl1lg fillalelrp rgeaaegpaa aaaaaaaaaa agvgggerssr papsvapepd
6	1gcpvcvwrqh srelrlesik sqilsklr1k eapnisrevv kqllpkapp1 qqildlhdffq
12	121gdalqpedefl eedeyhatte tvismaqetd pavqtdgsp1 cchfhf5pky mftkvlkaql
18	181wvylrpvprp atvylqilr1 kpltgegttag ggggrrhir irslkielhs rsghwqsidf
24	241kqvlhswfrq pgsnwgiein afdpsgt1a vtslpggaeg lhpfmelr1v1 entkr1rrnl
30	301gldcdehsse srccrypltv dfeafgwdi iapkrykany csgqceymfm qkypthlvq
36	361qanprgsagp cctptkmspi nmlyfndkqk i1y1gk1pgmv vdr1cgcs

the age of 60; 50; 40; and/or skin of a pre-menopausal, peri-menopausal or post-menopausal female.

As used herein, the term “consisting essentially of” is intended to limit the invention to the specified materials or steps and those that do not materially affect the basic and novel characteristics of the claimed invention, as understood from a reading of this specification.

As used herein, a hydrocarbon, alkyl, alkenyl, alkynyl, aryl, aryl-alkyl, alkyl-aryl, heteroaryl, or combination of any of those will have from 1-30 carbon atoms, optionally substituted with O, N, S, unless otherwise specified. Any of the alkyl, alkenyl, and alkynyl groups disclosed herein, unless otherwise specified, may be straight-chained, branched, and/or cyclic. If the amount of an ingredient is not otherwise specified, it may be present in an amount from 0.00001-90% by weight.

The term “amino acid” is intended to include naturally occurring amino acids and non-proteinogenic amino acids as well as non-naturally occurring amino acids and includes any small molecule (MW<1,000 Daltons) having at least one carboxyl group and at least one primary or secondary amine group capable of forming peptide bonds. The term “peptide” is intended to include any molecule comprising at least two amino acids joined by a peptide bond and therefore includes di-peptides, tri-peptides, oligopeptides, and poly-peptides having up to about 20 consecutive amino acid residues linked by peptide bonds. The term “peptide” also embraces structures having one or more linkers, spacers, or terminal groups which are not amino acids. It also includes cyclic peptides

In some embodiments, the active agent comprises a peptide which comprises, consists essentially of, or consists of any one or more of the 3-mer amino acid sequences (SEQ ID NO: 2-375) listed below in Table 2.

TABLE 2

45	SEQ ID 2	MVL
	SEQ ID 3	VLA
	SEQ ID 4	LAA
50	SEQ ID 5	AAP
	SEQ ID 6	APL
	SEQ ID 7	PLL
55	SEQ ID 8	LLL
	SEQ ID 9	LLG
	SEQ ID 10	LGF
60	SEQ ID 11	GFL
	SEQ ID 12	FLL
	SEQ ID 13	LLA
65	SEQ ID 14	LAL

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TABLE 2-continued

SEQ ID 15	ALE	
SEQ ID 16	LEL	
SEQ ID 17	ELR	5
SEQ ID 18	LRP	
SEQ ID 19	RPR	
SEQ ID 20	PRG	10
SEQ ID 21	RGE	
SEQ ID 22	GEA	
SEQ ID 23	EAA	15
SEQ ID 24	AAE	
SEQ ID 25	AEG	
SEQ ID 26	EGP	20
SEQ ID 27	GPA	
SEQ ID 28	PAA	
SEQ ID 29	AAA	25
SEQ ID 30	AAG	
SEQ ID 31	AGV	
SEQ ID 32	GVG	30
SEQ ID 33	VGG	
SEQ ID 34	GGE	
SEQ ID 35	GER	35
SEQ ID 36	ERS	
SEQ ID 37	RSS	
SEQ ID 38	SSR	40
SEQ ID 39	SRP	
SEQ ID 40	RPA	
SEQ ID 41	PAP	45
SEQ ID 42	APS	
SEQ ID 43	PSV	
SEQ ID 44	SVA	
SEQ ID 45	VAP	50
SEQ ID 46	APE	
SEQ ID 47	PEP	
SEQ ID 48	EPD	55
SEQ ID 49	PDG	
SEQ ID 50	DGC	
SEQ ID 51	GCP	60
SEQ ID 52	CPV	
SEQ ID 53	PVC	
SEQ ID 54	VCV	65

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TABLE 2-continued

SEQ ID 55	CVW
SEQ ID 56	VWR
SEQ ID 57	WRQ
SEQ ID 58	RQH
SEQ ID 59	QHS
SEQ ID 60	HSR
SEQ ID 61	SRE
SEQ ID 62	REL
SEQ ID 63	LRL
SEQ ID 64	RLE
SEQ ID 65	LES
SEQ ID 66	ESI
SEQ ID 67	SIK
SEQ ID 68	IKS
SEQ ID 69	KSQ
SEQ ID 70	SQI
SEQ ID 71	QIL
SEQ ID 72	ILS
SEQ ID 73	LSK
SEQ ID 74	SKL
SEQ ID 75	KLR
SEQ ID 76	RLK
SEQ ID 77	LKE
SEQ ID 78	KEA
SEQ ID 79	EAP
SEQ ID 80	APN
SEQ ID 81	PNI
SEQ ID 82	NIS
SEQ ID 83	ISR
SEQ ID 84	REV
SEQ ID 85	EVV
SEQ ID 86	VVK
SEQ ID 87	VKQ
SEQ ID 88	KQL
SEQ ID 89	QLL
SEQ ID 90	LLP
SEQ ID 91	LPK
SEQ ID 92	PKA
SEQ ID 93	KAP
SEQ ID 94	APP

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TABLE 2-continued

SEQ ID 95	PPL	
SEQ ID 96	PLQ	5
SEQ ID 97	LQQ	
SEQ ID 98	QQI	
SEQ ID 99	ILD	10
SEQ ID 100	LDL	
SEQ ID 101	DLH	
SEQ ID 102	LHD	15
SEQ ID 103	HDF	
SEQ ID 104	DFQ	
SEQ ID 105	FQG	
SEQ ID 106	QGD	20
SEQ ID 107	GDA	
SEQ ID 108	DAL	
SEQ ID 109	ALQ	25
SEQ ID 110	LQP	
SEQ ID 111	QPE	
SEQ ID 112	PED	30
SEQ ID 113	EDF	
SEQ ID 114	DFL	
SEQ ID 115	FLE	35
SEQ ID 116	LEE	
SEQ ID 117	EED	
SEQ ID 118	EDE	40
SEQ ID 119	DEY	
SEQ ID 120	EYH	
SEQ ID 121	YHA	45
SEQ ID 122	HAT	
SEQ ID 123	ATT	
SEQ ID 124	TTE	50
SEQ ID 125	TET	
SEQ ID 126	ETV	
SEQ ID 127	TVI	55
SEQ ID 128	VIS	
SEQ ID 129	ISM	
SEQ ID 130	SMA	
SEQ ID 131	MAQ	60
SEQ ID 132	AQE	
SEQ ID 133	QET	
SEQ ID 134	ETD	65

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TABLE 2-continued

SEQ ID 135	TDP
SEQ ID 136	DPA
SEQ ID 137	PAV
SEQ ID 138	AVQ
SEQ ID 139	VQT
SEQ ID 140	QTD
SEQ ID 141	TDG
SEQ ID 142	DGS
SEQ ID 143	GSP
SEQ ID 144	SPL
SEQ ID 145	PLC
SEQ ID 146	LCC
SEQ ID 147	CCH
SEQ ID 148	CHF
SEQ ID 149	HFH
SEQ ID 150	FHF
SEQ ID 151	HFS
SEQ ID 152	FSP
SEQ ID 153	SPK
SEQ ID 154	PKV
SEQ ID 155	KVM
SEQ ID 156	VMF
SEQ ID 157	MFT
SEQ ID 158	FTK
SEQ ID 159	TKV
SEQ ID 160	KVL
SEQ ID 161	VLK
SEQ ID 162	LKA
SEQ ID 163	KAQ
SEQ ID 164	AQL
SEQ ID 165	QLW
SEQ ID 166	LWV
SEQ ID 167	WVY
SEQ ID 168	VYL
SEQ ID 169	YLR
SEQ ID 170	RPV
SEQ ID 171	PVP
SEQ ID 172	VPR
SEQ ID 173	PRP
SEQ ID 174	PAT

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TABLE 2-continued

SEQ ID 175	ATV	
SEQ ID 176	TVY	
SEQ ID 177	YLQ	5
SEQ ID 178	LQI	
SEQ ID 179	ILR	
SEQ ID 180	LKP	10
SEQ ID 181	KPL	
SEQ ID 182	PLT	
SEQ ID 183	LTG	15
SEQ ID 184	TGE	
SEQ ID 185	GEG	
SEQ ID 186	EGT	20
SEQ ID 187	GTA	
SEQ ID 188	TAG	
SEQ ID 189	AGG	25
SEQ ID 190	GGG	
SEQ ID 191	GGR	
SEQ ID 192	GRR	30
SEQ ID 193	RRH	
SEQ ID 194	RHI	
SEQ ID 195	HIR	35
SEQ ID 196	IRI	
SEQ ID 197	RIR	
SEQ ID 198	IRS	40
SEQ ID 199	RSL	
SEQ ID 200	SLK	
SEQ ID 201	LKI	45
SEQ ID 202	KIE	
SEQ ID 203	IEL	
SEQ ID 204	ELH	50
SEQ ID 205	LHS	
SEQ ID 206	SRS	
SEQ ID 207	RSG	
SEQ ID 208	SGH	55
SEQ ID 209	GHW	
SEQ ID 210	HWQ	
SEQ ID 211	WQS	60
SEQ ID 212	QSI	
SEQ ID 213	SID	
SEQ ID 214	IDF	65

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TABLE 2-continued

SEQ ID 215	DFK
SEQ ID 216	FKQ
SEQ ID 217	KQV
SEQ ID 218	QVL
SEQ ID 219	VLH
SEQ ID 220	HSW
SEQ ID 221	SWF
SEQ ID 222	WFR
SEQ ID 223	FRQ
SEQ ID 224	RQP
SEQ ID 225	QPQ
SEQ ID 226	PQS
SEQ ID 227	QSN
SEQ ID 228	SNW
SEQ ID 229	NWG
SEQ ID 230	WGI
SEQ ID 231	GIE
SEQ ID 232	IEI
SEQ ID 233	EIN
SEQ ID 234	INA
SEQ ID 235	NAF
SEQ ID 236	AFD
SEQ ID 237	FDP
SEQ ID 238	DPS
SEQ ID 239	PSG
SEQ ID 240	SGT
SEQ ID 241	GTD
SEQ ID 242	TDL
SEQ ID 243	DLA
SEQ ID 244	LAV
SEQ ID 245	AVT
SEQ ID 246	VTS
SEQ ID 247	TSL
SEQ ID 248	SLG
SEQ ID 249	LGP
SEQ ID 250	GPG
SEQ ID 251	PGA
SEQ ID 252	GAE
SEQ ID 253	EGL
SEQ ID 254	GLH

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TABLE 2-continued

SEQ ID 255	LHP	
SEQ ID 256	HPF	5
SEQ ID 257	PFM	
SEQ ID 258	FME	
SEQ ID 259	MEL	10
SEQ ID 260	LRV	
SEQ ID 261	RVL	
SEQ ID 262	VLE	15
SEQ ID 263	LEN	
SEQ ID 264	ENT	
SEQ ID 265	NTK	20
SEQ ID 266	TKR	
SEQ ID 267	KRS	
SEQ ID 268	RSR	25
SEQ ID 269	SRR	
SEQ ID 270	RRN	
SEQ ID 271	RNL	30
SEQ ID 272	NLG	
SEQ ID 273	LGL	
SEQ ID 274	GLD	35
SEQ ID 275	LDC	
SEQ ID 276	DCD	
SEQ ID 277	CDE	40
SEQ ID 278	DEH	
SEQ ID 279	EHS	
SEQ ID 280	HSS	45
SEQ ID 281	SSE	
SEQ ID 282	SES	
SEQ ID 283	ESR	50
SEQ ID 284	SRC	
SEQ ID 285	RCC	
SEQ ID 286	CCR	55
SEQ ID 287	CRY	
SEQ ID 288	RYP	
SEQ ID 289	YPL	60
SEQ ID 290	LTV	
SEQ ID 291	TVD	
SEQ ID 292	VDF	65
SEQ ID 293	DFE	
SEQ ID 294	FEA	

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TABLE 2-continued

SEQ ID 295	EAF
SEQ ID 296	AFG
SEQ ID 297	FGW
SEQ ID 298	GWD
SEQ ID 299	WDW
SEQ ID 300	DWI
SEQ ID 301	WII
SEQ ID 302	IIA
SEQ ID 303	IAP
SEQ ID 304	APK
SEQ ID 305	PKR
SEQ ID 306	KRY
SEQ ID 307	RYK
SEQ ID 308	YKA
SEQ ID 309	KAN
SEQ ID 310	ANY
SEQ ID 311	NYC
SEQ ID 312	YCS
SEQ ID 313	CSG
SEQ ID 314	SGQ
SEQ ID 315	GQC
SEQ ID 316	QCE
SEQ ID 317	CEY
SEQ ID 318	EYM
SEQ ID 319	YMF
SEQ ID 320	MFM
SEQ ID 321	FMQ
SEQ ID 322	MQK
SEQ ID 323	QKY
SEQ ID 324	KYP
SEQ ID 325	YPH
SEQ ID 326	PHT
SEQ ID 327	HTH
SEQ ID 328	THL
SEQ ID 329	HLV
SEQ ID 330	LVQ
SEQ ID 331	VQQ
SEQ ID 332	QQA
SEQ ID 333	QAN
SEQ ID 334	ANP

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TABLE 2-continued

SEQ ID 335	NPR
SEQ ID 336	RGS
SEQ ID 337	GSA
SEQ ID 338	SAG
SEQ ID 339	AGP
SEQ ID 340	GPC
SEQ ID 341	PCC
SEQ ID 342	CCT
SEQ ID 343	CTP
SEQ ID 344	TPT
SEQ ID 345	PTK
SEQ ID 346	TKM
SEQ ID 347	KMS
SEQ ID 348	MSP
SEQ ID 349	SPI
SEQ ID 350	PIN
SEQ ID 351	INM
SEQ ID 352	NML
SEQ ID 353	MLY
SEQ ID 354	LYF
SEQ ID 355	YFN
SEQ ID 356	FND
SEQ ID 357	NDK
SEQ ID 358	DKQ
SEQ ID 359	KQQ
SEQ ID 360	QII
SEQ ID 361	IYY
SEQ ID 362	IYG
SEQ ID 363	YGK
SEQ ID 364	GKI
SEQ ID 365	KIP
SEQ ID 366	IPG
SEQ ID 367	PGM
SEQ ID 368	GMV
SEQ ID 369	MVV
SEQ ID 370	VVD
SEQ ID 371	VDR
SEQ ID 372	DRC
SEQ ID 373	RCG

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TABLE 2-continued

SEQ ID 374	CGC
SEQ ID 375	GCS

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In some embodiments, the active agent comprises a peptide which comprises, consists essentially of, or consists of any one or more of the 4-mer amino acid sequences (SEQ ID NO: 376-767) listed below in Table 3.

TABLE 3

SEQ ID 376	MVLA
SEQ ID 377	VLAA
SEQ ID 378	LAAP
SEQ ID 379	AAPL
SEQ ID 380	APLL
SEQ ID 381	PLLL
SEQ ID 382	LLLG
SEQ ID 383	LLGF
SEQ ID 384	LGFL
SEQ ID 385	GFLL
SEQ ID 386	FLLL
SEQ ID 387	LLLA
SEQ ID 388	LLAL
SEQ ID 389	LALE
SEQ ID 390	ALEL
SEQ ID 391	LELR
SEQ ID 392	ELRP
SEQ ID 393	LRPR
SEQ ID 394	RPRG
SEQ ID 395	PRGE
SEQ ID 396	RGEA
SEQ ID 397	GEAA
SEQ ID 398	EAAE
SEQ ID 399	AAEG
SEQ ID 400	AEGP
SEQ ID 401	EGPA
SEQ ID 402	GPAA
SEQ ID 403	PAAA
SEQ ID 404	AAAA
SEQ ID 405	AAAG
SEQ ID 406	AAGV
SEQ ID 407	AGVG
SEQ ID 408	GVGG

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TABLE 3-continued

SEQ ID 409	VGGE	
SEQ ID 410	GGER	5
SEQ ID 411	GERS	
SEQ ID 412	ERSS	
SEQ ID 413	RSSR	10
SEQ ID 414	SSRP	
SEQ ID 415	SRPA	
SEQ ID 416	RPAP	15
SEQ ID 417	PAPS	
SEQ ID 418	APSV	
SEQ ID 419	PSVA	20
SEQ ID 420	SVAP	
SEQ ID 421	VAPE	
SEQ ID 422	APEP	25
SEQ ID 423	PEPD	
SEQ ID 424	EPDG	
SEQ ID 425	PDGC	30
SEQ ID 426	DGCP	
SEQ ID 427	GCPV	
SEQ ID 428	CPVC	35
SEQ ID 429	PVCV	
SEQ ID 430	VCVW	
SEQ ID 431	CVWR	40
SEQ ID 432	VWRQ	
SEQ ID 433	WRQH	
SEQ ID 434	RQHS	45
SEQ ID 435	QHSR	
SEQ ID 436	HSRE	
SEQ ID 437	SREL	
SEQ ID 438	RELR	50
SEQ ID 439	ELRL	
SEQ ID 440	LRLE	
SEQ ID 441	RLES	55
SEQ ID 442	LESI	
SEQ ID 443	ESIK	
SEQ ID 444	SIKS	60
SEQ ID 445	IKSQ	
SEQ ID 446	KSQI	
SEQ ID 447	SQIL	65
SEQ ID 448	QILS	

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TABLE 3-continued

SEQ ID 449	ILSK
SEQ ID 450	LSKL
SEQ ID 451	SKLR
SEQ ID 452	KLRL
SEQ ID 453	LRLK
SEQ ID 454	RLKE
SEQ ID 455	LKEA
SEQ ID 456	KEAP
SEQ ID 457	EAPN
SEQ ID 458	APNI
SEQ ID 459	PNIS
SEQ ID 460	NISR
SEQ ID 461	ISRE
SEQ ID 462	SREV
SEQ ID 463	REVV
SEQ ID 464	EVVK
SEQ ID 465	VVKQ
SEQ ID 466	VKQL
SEQ ID 467	KQLL
SEQ ID 468	QLLP
SEQ ID 469	LLPK
SEQ ID 470	LPKA
SEQ ID 471	PKAP
SEQ ID 472	KAPP
SEQ ID 473	APPL
SEQ ID 474	PPLQ
SEQ ID 475	PLQQ
SEQ ID 476	LQQI
SEQ ID 477	QQIL
SEQ ID 478	QILD
SEQ ID 479	ILDL
SEQ ID 480	LDLH
SEQ ID 481	DLHD
SEQ ID 482	LHDF
SEQ ID 483	HDFQ
SEQ ID 484	DFQG
SEQ ID 485	FQGD
SEQ ID 486	QGDA
SEQ ID 487	GDAL
SEQ ID 488	DALQ

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TABLE 3-continued

SEQ ID 489	ALQP	
SEQ ID 490	LQPE	5
SEQ ID 491	QPED	
SEQ ID 492	PEDF	
SEQ ID 493	EDFL	10
SEQ ID 494	DFLE	
SEQ ID 495	FLEE	
SEQ ID 496	LEED	15
SEQ ID 497	EEDE	
SEQ ID 498	EDEY	
SEQ ID 499	DEYH	20
SEQ ID 500	EYHA	
SEQ ID 501	YHAT	
SEQ ID 502	HATT	25
SEQ ID 503	ATTE	
SEQ ID 504	TTET	
SEQ ID 505	TETV	30
SEQ ID 506	ETVI	
SEQ ID 507	TVIS	
SEQ ID 508	VISM	35
SEQ ID 509	ISMA	
SEQ ID 510	SMAQ	
SEQ ID 511	MAQE	40
SEQ ID 512	AQET	
SEQ ID 513	QETD	
SEQ ID 514	ETDP	45
SEQ ID 515	TDPA	
SEQ ID 516	DPAV	
SEQ ID 517	PAVQ	50
SEQ ID 518	AVQT	
SEQ ID 519	VQTD	
SEQ ID 520	QTDG	55
SEQ ID 521	TDGS	
SEQ ID 522	DGSP	
SEQ ID 523	GSPL	60
SEQ ID 524	SPLC	
SEQ ID 525	PLCC	
SEQ ID 526	LCCH	65
SEQ ID 527	CCHF	
SEQ ID 528	CHFH	

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TABLE 3-continued

SEQ ID 529	HFHF
SEQ ID 530	FHFS
SEQ ID 531	HFSP
SEQ ID 532	FSPK
SEQ ID 533	SPKV
SEQ ID 534	PKVM
SEQ ID 535	KVMF
SEQ ID 536	VMFT
SEQ ID 537	MFTK
SEQ ID 538	FTKV
SEQ ID 539	TKVL
SEQ ID 540	KVLK
SEQ ID 541	VLKA
SEQ ID 542	LKAQ
SEQ ID 543	KAQL
SEQ ID 544	AQLW
SEQ ID 545	QLWV
SEQ ID 546	LWVY
SEQ ID 547	WVYL
SEQ ID 548	VYLR
SEQ ID 549	YLRP
SEQ ID 550	LRPV
SEQ ID 551	RPVP
SEQ ID 552	PVPR
SEQ ID 553	VPRP
SEQ ID 554	PRPA
SEQ ID 555	RPAT
SEQ ID 556	PATV
SEQ ID 557	ATVY
SEQ ID 558	TVYL
SEQ ID 559	VYLQ
SEQ ID 560	YLQI
SEQ ID 561	LQIL
SEQ ID 562	QILR
SEQ ID 563	ILRL
SEQ ID 564	RLKP
SEQ ID 565	LKPL
SEQ ID 566	KPLT
SEQ ID 567	PLTG
SEQ ID 568	LTGE

TABLE 3-continued

SEQ ID 569	TGEG	
SEQ ID 570	GEGT	5
SEQ ID 571	EGTA	
SEQ ID 572	GTAG	
SEQ ID 573	TAGG	10
SEQ ID 574	AGGG	
SEQ ID 575	GGGG	
SEQ ID 576	GGGR	15
SEQ ID 577	GRRR	
SEQ ID 578	GRRH	
SEQ ID 579	RRHI	20
SEQ ID 580	RHIR	
SEQ ID 581	HIRI	
SEQ ID 582	IRIR	25
SEQ ID 583	RIRS	
SEQ ID 584	IRSL	
SEQ ID 585	RSLK	30
SEQ ID 586	SLKI	
SEQ ID 587	LKIE	
SEQ ID 588	KIEL	35
SEQ ID 589	IELH	
SEQ ID 590	ELHS	
SEQ ID 591	LHSR	40
SEQ ID 592	HSRS	
SEQ ID 593	SRSG	
SEQ ID 594	RSGH	
SEQ ID 595	SGHW	45
SEQ ID 596	GHWQ	
SEQ ID 597	HWQS	
SEQ ID 598	WQSI	50
SEQ ID 599	QSID	
SEQ ID 600	SIDF	
SEQ ID 601	IDFK	55
SEQ ID 602	DFKQ	
SEQ ID 603	FKQV	
SEQ ID 604	KQVL	60
SEQ ID 605	QVLH	
SEQ ID 606	VLHS	
SEQ ID 607	LHSW	65
SEQ ID 608	HSWF	

TABLE 3-continued

SEQ ID 609	SWFR	
SEQ ID 610	WFRQ	
SEQ ID 611	FRQP	
SEQ ID 612	RQPQ	
SEQ ID 613	QPQS	
SEQ ID 614	PQSN	
SEQ ID 615	QSNW	
SEQ ID 616	SNWG	
SEQ ID 617	NWGI	
SEQ ID 618	WGIE	
SEQ ID 619	GIEI	
SEQ ID 620	IEIN	
SEQ ID 621	EINA	
SEQ ID 622	INAF	
SEQ ID 623	NAFD	
SEQ ID 624	AFDP	
SEQ ID 625	FDPS	
SEQ ID 626	DPSG	
SEQ ID 627	PSGT	
SEQ ID 628	SGTD	
SEQ ID 629	GTDL	
SEQ ID 630	TDLA	
SEQ ID 631	DLAV	
SEQ ID 632	LAVT	
SEQ ID 633	AVTS	
SEQ ID 634	VTSL	
SEQ ID 635	TSLG	
SEQ ID 636	SLGP	
SEQ ID 637	LGPG	
SEQ ID 638	GPGA	
SEQ ID 639	PGAE	
SEQ ID 640	GAEG	
SEQ ID 641	AEGL	
SEQ ID 642	EGLH	
SEQ ID 643	GLHP	
SEQ ID 644	LHPF	
SEQ ID 645	HPFM	
SEQ ID 646	PFME	
SEQ ID 647	FMEL	
SEQ ID 648	MELR	

TABLE 3-continued

SEQ ID 649	ELRV	
SEQ ID 650	LRVL	5
SEQ ID 651	RVLE	
SEQ ID 652	VLEN	
SEQ ID 653	LENT	10
SEQ ID 654	ENTK	
SEQ ID 655	NTKR	
SEQ ID 656	TKRS	15
SEQ ID 657	KRSR	
SEQ ID 658	RSRR	
SEQ ID 659	SRRN	20
SEQ ID 660	RRNL	
SEQ ID 661	RNLG	
SEQ ID 662	NLGL	25
SEQ ID 663	LGLD	
SEQ ID 664	GLDC	
SEQ ID 665	LDCD	30
SEQ ID 666	DCDE	
SEQ ID 667	CDEH	
SEQ ID 668	DEHS	
SEQ ID 669	EHSS	35
SEQ ID 670	HSSE	
SEQ ID 671	SSES	
SEQ ID 672	SESR	40
SEQ ID 673	ESRC	
SEQ ID 674	SRCC	
SEQ ID 675	RCCR	45
SEQ ID 676	CCRY	
SEQ ID 677	CRYP	
SEQ ID 678	RYPL	50
SEQ ID 679	YPLT	
SEQ ID 680	PLTV	
SEQ ID 681	LTVD	55
SEQ ID 682	TVDF	
SEQ ID 683	VDPE	
SEQ ID 684	DFEA	60
SEQ ID 685	FEAF	
SEQ ID 686	EAFG	
SEQ ID 687	AFGW	65
SEQ ID 688	FGWD	

TABLE 3-continued

SEQ ID 689	GWDW	
SEQ ID 690	WDWI	
SEQ ID 691	DWII	
SEQ ID 692	WIIA	
SEQ ID 693	IIAP	
SEQ ID 694	IAPK	
SEQ ID 695	APKR	
SEQ ID 696	PKRY	
SEQ ID 697	KRYK	
SEQ ID 698	RYKA	
SEQ ID 699	YKAN	
SEQ ID 700	KANY	
SEQ ID 701	ANYC	
SEQ ID 702	NYCS	
SEQ ID 703	YCSG	
SEQ ID 704	CSGQ	
SEQ ID 705	SGQC	
SEQ ID 706	GQCE	
SEQ ID 707	QCEY	
SEQ ID 708	CEYM	
SEQ ID 709	EYMF	
SEQ ID 710	YFMF	
SEQ ID 711	MFMQ	
SEQ ID 712	FMQK	
SEQ ID 713	MQKY	
SEQ ID 714	QKYP	
SEQ ID 715	KYPH	
SEQ ID 716	YPHT	
SEQ ID 717	PHTH	
SEQ ID 718	HTHL	
SEQ ID 719	THLV	
SEQ ID 720	HLVQ	
SEQ ID 721	LVQQ	
SEQ ID 722	VQQA	
SEQ ID 723	QQAN	
SEQ ID 724	QANP	
SEQ ID 725	ANPR	
SEQ ID 726	NPRG	
SEQ ID 727	PRGS	
SEQ ID 728	RGSA	

TABLE 3-continued

SEQ ID 729	GSAG	
SEQ ID 730	SAGP	5
SEQ ID 731	AGPC	
SEQ ID 732	GPCC	
SEQ ID 733	PCCT	10
SEQ ID 734	CCTP	
SEQ ID 735	CTPT	
SEQ ID 736	TPTK	15
SEQ ID 737	PTKM	
SEQ ID 738	TKMS	
SEQ ID 739	KMSP	20
SEQ ID 740	MSPI	
SEQ ID 741	SPIN	
SEQ ID 742	PINM	
SEQ ID 743	INML	25
SEQ ID 744	NMLY	
SEQ ID 745	MLYF	
SEQ ID 746	LYFN	30
SEQ ID 747	YFND	
SEQ ID 748	FNDK	
SEQ ID 749	NDKQ	35
SEQ ID 750	DKQQ	
SEQ ID 751	KQQI	
SEQ ID 752	QQII	40
SEQ ID 753	QIIY	
SEQ ID 754	IIYG	
SEQ ID 755	IYGK	45
SEQ ID 756	YGKI	
SEQ ID 757	GKIP	
SEQ ID 758	KIPG	50
SEQ ID 759	IPGM	
SEQ ID 760	PGMV	
SEQ ID 761	GMVV	55
SEQ ID 762	MVVD	
SEQ ID 763	VVDR	
SEQ ID 764	VDRC	60
SEQ ID 765	DRCG	
SEQ ID 766	RCGC	
SEQ ID 767	CGCS	65

In some embodiments, the active agent comprises a peptide which comprises, consists essentially of, or consists of any one or more of the 5-mer amino acid sequences (SEQ ID NO: 768-1161) listed below in Table 4.

TABLE 4

SEQ ID 768	MVLAA
SEQ ID 769	VLAAP
SEQ ID 770	LAAPL
SEQ ID 771	AAPLL
SEQ ID 772	APLLL
SEQ ID 773	PLLLG
SEQ ID 774	LLLGF
SEQ ID 775	LLGFL
SEQ ID 776	LGFLL
SEQ ID 777	GFLLL
SEQ ID 778	FLLLA
SEQ ID 779	LLLAL
SEQ ID 780	LLALE
SEQ ID 781	LALEL
SEQ ID 782	ALELR
SEQ ID 783	LELRP
SEQ ID 784	ELRPR
SEQ ID 785	LRPRG
SEQ ID 786	RPRGE
SEQ ID 787	PRGEA
SEQ ID 788	RGEAA
SEQ ID 789	GEAAE
SEQ ID 790	EAAEG
SEQ ID 791	AAEGP
SEQ ID 792	AEGPA
SEQ ID 793	EGPAA
SEQ ID 794	GPAAA
SEQ ID 795	PAAAA
SEQ ID 796	AAAAA
SEQ ID 797	AAAAG
SEQ ID 798	AAAGV
SEQ ID 799	AAGVG
SEQ ID 800	AGVGG
SEQ ID 801	GVGGE
SEQ ID 802	VGGER
SEQ ID 803	GGERS
SEQ ID 804	GERSS

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TABLE 4-continued

SEQ ID	805	ERSSR	
SEQ ID	806	RSSRP	5
SEQ ID	807	SSRPA	
SEQ ID	808	SRPAP	
SEQ ID	809	RPAPS	10
SEQ ID	810	PAPSV	
SEQ ID	811	APSV A	
SEQ ID	812	PSVAP	15
SEQ ID	813	SVAPE	
SEQ ID	814	VAPEP	
SEQ ID	815	APEPD	20
SEQ ID	816	PEPDG	
SEQ ID	817	EPDGC	25
SEQ ID	818	PDGCP	
SEQ ID	819	DGCPV	30
SEQ ID	820	GCPVC	
SEQ ID	821	CPVCV	
SEQ ID	822	PVCVW	35
SEQ ID	823	VCVWR	
SEQ ID	824	CVWRQ	
SEQ ID	825	VWRQH	40
SEQ ID	826	WRQHS	
SEQ ID	827	RQHSR	
SEQ ID	828	QHSRE	45
SEQ ID	829	HSREL	
SEQ ID	830	SRELR	
SEQ ID	831	RELRL	50
SEQ ID	832	ELRLE	
SEQ ID	833	LRLES	
SEQ ID	834	RLESI	55
SEQ ID	835	LESIK	
SEQ ID	836	ESIKS	
SEQ ID	837	SIKSQ	60
SEQ ID	838	IKSQI	
SEQ ID	839	KSQIL	
SEQ ID	840	SQILS	65
SEQ ID	841	QILSK	
SEQ ID	842	ILSKL	
SEQ ID	843	LSKLR	
SEQ ID	844	SKLRL	

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TABLE 4-continued

SEQ ID	845	KLRLK	
SEQ ID	846	LRLKE	
SEQ ID	847	RLKEA	
SEQ ID	848	LKEAP	
SEQ ID	849	KEAPN	
SEQ ID	850	EAPNI	
SEQ ID	851	APNIS	
SEQ ID	852	PNISR	
SEQ ID	853	NISRE	
SEQ ID	854	ISREV	
SEQ ID	855	SREVV	
SEQ ID	856	REVVK	
SEQ ID	857	EVVKQ	
SEQ ID	858	VVKQL	
SEQ ID	859	VKQLL	
SEQ ID	860	KQLLP	
SEQ ID	861	QLLPK	
SEQ ID	862	LLPKA	
SEQ ID	863	LPKAP	
SEQ ID	864	PKAPP	
SEQ ID	865	KAPPL	
SEQ ID	866	APPLQ	
SEQ ID	867	PPLQQ	
SEQ ID	868	PLQQI	
SEQ ID	869	LQQIL	
SEQ ID	870	QQILD	
SEQ ID	871	QILDL	
SEQ ID	872	ILDLH	
SEQ ID	873	LDLHD	
SEQ ID	874	DLHDF	
SEQ ID	875	LHDFQ	
SEQ ID	876	HDFQG	
SEQ ID	877	DFQGD	
SEQ ID	878	FQGDA	
SEQ ID	879	QGDAL	
SEQ ID	880	GDALQ	
SEQ ID	881	DALQP	
SEQ ID	882	ALQPE	
SEQ ID	883	LQPED	
SEQ ID	884	QPEDF	

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TABLE 4-continued

SEQ ID	885	PEDFL	
SEQ ID	886	EDFLE	5
SEQ ID	887	DFLEE	
SEQ ID	888	FLEED	
SEQ ID	889	LEEDE	10
SEQ ID	890	EDEY	
SEQ ID	891	EDEYH	
SEQ ID	892	DEYHA	15
SEQ ID	893	EYHAT	
SEQ ID	894	YHATT	
SEQ ID	895	HATTE	20
SEQ ID	896	ATTET	
SEQ ID	897	TTETV	
SEQ ID	898	TETVI	25
SEQ ID	899	ETVIS	
SEQ ID	900	TVISM	
SEQ ID	901	VISMA	30
SEQ ID	902	ISMAQ	
SEQ ID	903	SMAQE	
SEQ ID	904	MAQET	35
SEQ ID	905	AQETD	
SEQ ID	906	QETDP	
SEQ ID	907	ETDPA	40
SEQ ID	908	TDPAV	
SEQ ID	909	DPAVQ	
SEQ ID	910	PAVQT	45
SEQ ID	911	AVQTD	
SEQ ID	912	VQTDG	
SEQ ID	913	QTDGS	50
SEQ ID	914	TDGSP	
SEQ ID	915	DGSPL	
SEQ ID	916	GSPLC	55
SEQ ID	917	SPLCC	
SEQ ID	918	PLCCH	
SEQ ID	919	LCCHF	60
SEQ ID	920	CCHFH	
SEQ ID	921	CHFHF	
SEQ ID	922	HFHFS	65
SEQ ID	923	FHFSP	
SEQ ID	924	HFSPK	

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TABLE 4-continued

SEQ ID	925	FSPKV	
SEQ ID	926	SPKVM	
SEQ ID	927	PKVMF	
SEQ ID	928	KVMFT	
SEQ ID	929	VMFTK	
SEQ ID	930	MFTKV	
SEQ ID	931	FTKVL	
SEQ ID	932	TKVLK	
SEQ ID	933	KVLKA	
SEQ ID	934	VLKAQ	
SEQ ID	935	LKAQL	
SEQ ID	936	KAQLW	
SEQ ID	937	AQLWV	
SEQ ID	938	QLWVY	
SEQ ID	939	LWVYL	
SEQ ID	940	WVYLR	
SEQ ID	941	VYLRP	
SEQ ID	942	YLRPV	
SEQ ID	943	LRPVP	
SEQ ID	944	RPVPR	
SEQ ID	945	PVPRP	
SEQ ID	946	VPRPA	
SEQ ID	947	PRPAT	
SEQ ID	948	RPATV	
SEQ ID	949	PATVY	
SEQ ID	950	ATVYL	
SEQ ID	951	TVYLQ	
SEQ ID	952	VYLQI	
SEQ ID	953	YLQIL	
SEQ ID	954	LQILR	
SEQ ID	955	QILRL	
SEQ ID	956	ILRLK	
SEQ ID	957	LRLKP	
SEQ ID	958	RLKPL	
SEQ ID	959	LKPLT	
SEQ ID	960	KPLTG	
SEQ ID	961	PLTGE	
SEQ ID	962	LTGEG	
SEQ ID	963	TGEGT	
SEQ ID	964	GEGTA	

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TABLE 4-continued

SEQ ID 965	EGTAG	
SEQ ID 966	GTAGG	5
SEQ ID 967	TAGGG	
SEQ ID 968	AGGGG	
SEQ ID 969	GGGGG	10
SEQ ID 970	GGGGR	
SEQ ID 971	GGRRR	
SEQ ID 972	GGRRH	15
SEQ ID 973	GRRHI	
SEQ ID 974	RRHIR	
SEQ ID 975	RHIRI	20
SEQ ID 976	HIRIR	
SEQ ID 977	IRIRS	
SEQ ID 978	RIRSL	25
SEQ ID 979	IRSLK	
SEQ ID 980	RSLKI	
SEQ ID 981	SLKIE	30
SEQ ID 982	LKIEL	
SEQ ID 983	KIELH	
SEQ ID 984	IELHS	35
SEQ ID 985	ELHSR	
SEQ ID 986	LHSRS	
SEQ ID 987	HSRSG	40
SEQ ID 988	SRS GH	
SEQ ID 989	RSGHW	
SEQ ID 990	SGHWQ	45
SEQ ID 991	GHWQS	
SEQ ID 992	HWQSI	
SEQ ID 993	WQSID	50
SEQ ID 994	QSIDF	
SEQ ID 995	SIDFK	
SEQ ID 996	IDFKQ	55
SEQ ID 997	DFKQV	
SEQ ID 998	FKQVL	
SEQ ID 999	KQVLH	60
SEQ ID 1000	QVLHS	
SEQ ID 1001	VLHSW	
SEQ ID 1002	LHSWF	65
SEQ ID 1003	HSWFR	
SEQ ID 1004	SWFRQ	

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TABLE 4-continued

SEQ ID 1005	WFRQP	
SEQ ID 1006	FRQPQ	
SEQ ID 1007	RQPQS	
SEQ ID 1008	QPQSN	
SEQ ID 1009	PQSNW	
SEQ ID 1010	QSNWG	
SEQ ID 1011	SNWGI	
SEQ ID 1012	NWGIE	
SEQ ID 1013	WGIEI	
SEQ ID 1014	GIEIN	
SEQ ID 1015	IEINA	
SEQ ID 1016	EINAF	
SEQ ID 1017	INAFD	
SEQ ID 1018	NAFDP	
SEQ ID 1019	AFDPS	
SEQ ID 1020	FDPSG	
SEQ ID 1021	DPSGT	
SEQ ID 1022	PSGTD	
SEQ ID 1023	SGTDL	
SEQ ID 1024	GTDLA	
SEQ ID 1025	TDLAV	
SEQ ID 1026	DLAVT	
SEQ ID 1027	LAVTS	
SEQ ID 1028	AVTSL	
SEQ ID 1029	VTSLG	
SEQ ID 1030	TSLGP	
SEQ ID 1031	SLGPG	
SEQ ID 1032	LGPGA	
SEQ ID 1033	GPGAE	
SEQ ID 1034	PGAEG	
SEQ ID 1035	GAEGL	
SEQ ID 1036	AEGLH	
SEQ ID 1037	EGLHP	
SEQ ID 1038	GLHPF	
SEQ ID 1039	LHPFM	
SEQ ID 1040	HPFME	
SEQ ID 1041	PFMEL	
SEQ ID 1042	FMELR	
SEQ ID 1043	MELRV	
SEQ ID 1044	ELRVL	

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TABLE 4-continued

SEQ ID	1045	LRVLE	
SEQ ID	1046	RVLEN	5
SEQ ID	1047	VLNT	
SEQ ID	1048	LENTK	
SEQ ID	1049	ENTKR	10
SEQ ID	1050	NTKRS	
SEQ ID	1051	TKRSR	
SEQ ID	1052	KRSRR	15
SEQ ID	1053	RSRRN	
SEQ ID	1054	SRRNL	
SEQ ID	1055	RRNLG	20
SEQ ID	1056	RNLGL	
SEQ ID	1057	NLGLD	
SEQ ID	1058	LGLDC	25
SEQ ID	1059	GLDCD	
SEQ ID	1060	LDCDE	
SEQ ID	1061	DCDEH	30
SEQ ID	1062	CDEHS	
SEQ ID	1063	DEHSS	
SEQ ID	1064	EHSSE	35
SEQ ID	1065	HSSES	
SEQ ID	1066	SSESR	
SEQ ID	1067	SESRC	40
SEQ ID	1068	ESRCC	
SEQ ID	1069	SRCCR	
SEQ ID	1070	RCCRY	45
SEQ ID	1071	CCRYP	
SEQ ID	1072	CRYPL	
SEQ ID	1073	RYPLT	50
SEQ ID	1074	YPLTV	
SEQ ID	1075	PLTVD	
SEQ ID	1076	LTVDF	55
SEQ ID	1077	TVDFE	
SEQ ID	1078	VDFEA	
SEQ ID	1079	DFEAF	60
SEQ ID	1080	FEAFG	
SEQ ID	1081	EAFGW	
SEQ ID	1082	AFGWD	65
SEQ ID	1083	FGWDW	
SEQ ID	1084	GWDWI	

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TABLE 4-continued

SEQ ID	1085	WDWII	
SEQ ID	1086	DWIIA	
SEQ ID	1087	WIIAP	
SEQ ID	1088	IIAPK	
SEQ ID	1089	IAPKR	
SEQ ID	1090	APKRY	
SEQ ID	1091	PKRYK	
SEQ ID	1092	KRYKA	
SEQ ID	1093	RYKAN	
SEQ ID	1094	YKANY	
SEQ ID	1095	KANYC	
SEQ ID	1096	ANYCS	
SEQ ID	1097	NYCSG	
SEQ ID	1098	YCSGQ	
SEQ ID	1099	CSGQC	
SEQ ID	1100	SGQCE	
SEQ ID	1101	GQCEY	
SEQ ID	1102	QCEYM	
SEQ ID	1103	CEYMF	
SEQ ID	1104	EYFMF	
SEQ ID	1105	YFMFQ	
SEQ ID	1106	FMFQK	
SEQ ID	1107	FMQKY	
SEQ ID	1108	MQKYP	
SEQ ID	1109	QKYPH	
SEQ ID	1110	KYPHT	
SEQ ID	1111	YPHTH	
SEQ ID	1112	PHTHL	
SEQ ID	1113	HTHLV	
SEQ ID	1114	THLVQ	
SEQ ID	1115	HLVQQ	
SEQ ID	1116	LVQQA	
SEQ ID	1117	VQQAN	
SEQ ID	1118	QQANP	
SEQ ID	1119	QANPR	
SEQ ID	1120	ANPRG	
SEQ ID	1121	NPRGS	
SEQ ID	1122	PRGSA	
SEQ ID	1123	RGSAG	
SEQ ID	1124	GSAGP	

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TABLE 4-continued

SEQ ID	1125	SAGPC	
SEQ ID	1126	AGPCC	5
SEQ ID	1127	GPCCT	
SEQ ID	1128	PCCTP	
SEQ ID	1129	CCTPT	10
SEQ ID	1130	CTPTK	
SEQ ID	1131	TPTKM	
SEQ ID	1132	PTKMS	15
SEQ ID	1133	TKMSP	
SEQ ID	1134	KMSPI	
SEQ ID	1135	MSPIN	20
SEQ ID	1136	SPINM	
SEQ ID	1137	PINML	
SEQ ID	1138	INMLY	25
SEQ ID	1139	NMLYF	
SEQ ID	1140	MLYFN	
SEQ ID	1141	LYFND	30
SEQ ID	1142	YFNDK	
SEQ ID	1143	FNDKQ	
SEQ ID	1144	NDKQQ	35
SEQ ID	1145	DKQQI	
SEQ ID	1146	KQQII	
SEQ ID	1147	QQIIY	40
SEQ ID	1148	QIIYG	
SEQ ID	1149	IIYGK	
SEQ ID	1150	IYGKI	45
SEQ ID	1151	YGKIP	
SEQ ID	1152	GKIPG	
SEQ ID	1153	KIPGM	50
SEQ ID	1154	IPGMV	
SEQ ID	1155	PGMVV	
SEQ ID	1156	GMVVD	55
SEQ ID	1157	MVVDV	
SEQ ID	1158	VVDRC	
SEQ ID	1159	VDRCG	60
SEQ ID	1160	DRCGC	
SEQ ID	1161	RCGCS	

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TABLE 5

SEQ ID	1162	MVLAAP
SEQ ID	1163	VLAAPL
SEQ ID	1164	LAAPLL
SEQ ID	1165	AAPLLL
SEQ ID	1166	APLLLG
SEQ ID	1167	PLLLGF
SEQ ID	1168	LLLGFL
SEQ ID	1169	LLGFLL
SEQ ID	1170	LGFLLL
SEQ ID	1171	GFLLLA
SEQ ID	1172	FLLLAL
SEQ ID	1173	LLLAL
SEQ ID	1174	LLALEL
SEQ ID	1175	LALELR
SEQ ID	1176	ALELRP
SEQ ID	1177	LELRPR
SEQ ID	1178	ELRPRG
SEQ ID	1179	LRPRGE
SEQ ID	1180	RPRGEA
SEQ ID	1181	PRGEAA
SEQ ID	1182	RGEEAA
SEQ ID	1183	GEAAEG
SEQ ID	1184	EAAEGP
SEQ ID	1185	AAEGPA
SEQ ID	1186	AEGPAA
SEQ ID	1187	EGPAAA
SEQ ID	1188	GPAAAA
SEQ ID	1189	PAAAAA
SEQ ID	1190	AAAAAA
SEQ ID	1191	AAAAAG
SEQ ID	1192	AAAAGV
SEQ ID	1193	AAAGVG
SEQ ID	1194	AAGVGG
SEQ ID	1195	AGVGGE
SEQ ID	1196	GVGGER
SEQ ID	1197	VGGERS
SEQ ID	1198	GGERSS
SEQ ID	1199	GERSSR
SEQ ID	1200	ERSSRP
SEQ ID	1201	RSSRPA

In some embodiments, the active agent comprises a peptide which comprises, consists essentially of, or consists of any one or more of the 6-mer amino acid sequences (SEQ ID NO: 1162-1556) listed below in Table 5.

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TABLE 5-continued

SEQ ID 1202	SSRPAP	
SEQ ID 1203	SRPAPS	5
SEQ ID 1204	RPAPSV	
SEQ ID 1205	PAPSV	
SEQ ID 1206	APSVAP	10
SEQ ID 1207	PSVAPE	
SEQ ID 1208	SVAPEP	
SEQ ID 1209	VAPEPD	
SEQ ID 1210	APEPDG	15
SEQ ID 1211	PEPDGC	
SEQ ID 1212	EPDGCP	
SEQ ID 1213	PDGCPV	20
SEQ ID 1214	DGCPVC	
SEQ ID 1215	GCPVCV	
SEQ ID 1216	CPVCVW	25
SEQ ID 1217	PVCVWR	
SEQ ID 1218	VCVWRQ	
SEQ ID 1219	CVWRQH	30
SEQ ID 1220	VWRQHS	
SEQ ID 1221	WRQHRS	
SEQ ID 1222	RQHRSRE	35
SEQ ID 1223	QHSREL	
SEQ ID 1224	HSRELR	
SEQ ID 1225	SRELRL	40
SEQ ID 1226	RELRLE	
SEQ ID 1227	ELRLES	
SEQ ID 1228	LRLESI	45
SEQ ID 1229	RLSEIK	
SEQ ID 1230	LESIKS	
SEQ ID 1231	ESIKSQ	50
SEQ ID 1232	SIKSQI	
SEQ ID 1233	IKSQIL	
SEQ ID 1234	KSQILS	55
SEQ ID 1235	SQILSK	
SEQ ID 1236	QILSKL	
SEQ ID 1237	ILSKLR	
SEQ ID 1238	LSKLRL	60
SEQ ID 1239	SKLRLK	
SEQ ID 1240	KLRLKE	
SEQ ID 1241	LRLKEA	65

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TABLE 5-continued

SEQ ID 1242	RLKEAP	
SEQ ID 1243	LKEAPN	
SEQ ID 1244	KEAPNI	
SEQ ID 1245	EAPNIS	
SEQ ID 1246	APNISR	
SEQ ID 1247	PNISRE	
SEQ ID 1248	NISREV	
SEQ ID 1249	ISREVV	
SEQ ID 1250	SREVVK	
SEQ ID 1251	REVVKQ	
SEQ ID 1252	EVVKQL	
SEQ ID 1253	VVKQLL	
SEQ ID 1254	VKQLLP	
SEQ ID 1255	KQLLPK	
SEQ ID 1256	QLLPKA	
SEQ ID 1257	LLPKAP	
SEQ ID 1258	LPKAPP	
SEQ ID 1259	PKAPPL	
SEQ ID 1260	KAPPLQ	
SEQ ID 1261	APPLQQ	
SEQ ID 1262	PPLQQI	
SEQ ID 1263	PLQQIL	
SEQ ID 1264	LQQILD	
SEQ ID 1265	QQILDL	
SEQ ID 1266	QILDLH	
SEQ ID 1267	ILDLHD	
SEQ ID 1268	LDLHDF	
SEQ ID 1269	DLHDFQ	
SEQ ID 1270	LHDFQG	
SEQ ID 1271	HDFQGD	
SEQ ID 1272	DFQGDA	
SEQ ID 1273	FQGDAL	
SEQ ID 1274	QGDALQ	
SEQ ID 1275	GDALQP	
SEQ ID 1276	DALQPE	
SEQ ID 1277	ALQPED	
SEQ ID 1278	LQPEDF	
SEQ ID 1279	QPEDFL	
SEQ ID 1280	PEDFLE	
SEQ ID 1281	EDFLEE	

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TABLE 5-continued

SEQ ID 1282	DFLEED	
SEQ ID 1283	FLEEDE	5
SEQ ID 1284	LEEDEY	
SEQ ID 1285	EEDEYH	
SEQ ID 1286	EDEYHA	10
SEQ ID 1287	DEYHAT	
SEQ ID 1288	EYHATT	
SEQ ID 1289	YHATTE	15
SEQ ID 1290	HATTET	
SEQ ID 1291	ATTETV	
SEQ ID 1292	TTETVI	20
SEQ ID 1293	TETVIS	
SEQ ID 1294	ETVISM	
SEQ ID 1295	TVISMA	25
SEQ ID 1296	VISMAQ	
SEQ ID 1297	ISMAQE	
SEQ ID 1298	SMAQET	30
SEQ ID 1299	MAQETD	
SEQ ID 1300	AQETDP	
SEQ ID 1301	QETDPA	35
SEQ ID 1302	ETDPAV	
SEQ ID 1303	TDPAVQ	
SEQ ID 1304	DPAVQT	40
SEQ ID 1305	PAVQTD	
SEQ ID 1306	AVQTDG	
SEQ ID 1307	VQTDGS	45
SEQ ID 1308	QTDGSP	
SEQ ID 1309	TDGSPL	
SEQ ID 1310	DGSPLC	50
SEQ ID 1311	GSPLCC	
SEQ ID 1312	SPLCCH	
SEQ ID 1313	PLCCHF	55
SEQ ID 1314	LCCHFH	
SEQ ID 1315	CCHFHF	
SEQ ID 1316	CHFHFS	60
SEQ ID 1317	HFHFSP	
SEQ ID 1318	FHFSPK	
SEQ ID 1319	HFSPKV	65
SEQ ID 1320	FSPKVM	
SEQ ID 1321	SPKVMF	

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TABLE 5-continued

SEQ ID 1322	PKVMFT
SEQ ID 1323	KVMFTK
SEQ ID 1324	VMFTKV
SEQ ID 1325	MFTKVL
SEQ ID 1326	FTKVLK
SEQ ID 1327	TKVLKA
SEQ ID 1328	KVLKAQ
SEQ ID 1329	VLKAQL
SEQ ID 1330	LKAQLW
SEQ ID 1331	KAQLWV
SEQ ID 1332	AQLWVY
SEQ ID 1333	QLWVYL
SEQ ID 1334	LWVYLR
SEQ ID 1335	WVYLRP
SEQ ID 1336	VYLRPV
SEQ ID 1337	YLRPVP
SEQ ID 1338	LRPVPR
SEQ ID 1339	RPVPRP
SEQ ID 1340	PVPRPA
SEQ ID 1341	VPRPAT
SEQ ID 1342	PRPATV
SEQ ID 1343	RPATVY
SEQ ID 1344	PATVYL
SEQ ID 1345	ATVYLQ
SEQ ID 1346	TVYLQI
SEQ ID 1347	VYLQIL
SEQ ID 1348	YLQILR
SEQ ID 1349	LQILRL
SEQ ID 1350	QILRLK
SEQ ID 1351	ILRLKP
SEQ ID 1352	LRLKPL
SEQ ID 1353	RLKPLT
SEQ ID 1354	LKPLTG
SEQ ID 1355	KPLTGE
SEQ ID 1356	PLTGEG
SEQ ID 1357	LTGEGT
SEQ ID 1358	TGEGTA
SEQ ID 1359	GEGTAG
SEQ ID 1360	EGTAGG
SEQ ID 1361	GTAGGG

TABLE 5-continued

SEQ ID 1362	TAGGGG	
SEQ ID 1363	AGGGGG	5
SEQ ID 1364	GGGGGG	
SEQ ID 1365	GGGGGR	
SEQ ID 1366	GGGRRR	10
SEQ ID 1367	GGRRRH	
SEQ ID 1368	GRRRHI	
SEQ ID 1369	GRRHIR	15
SEQ ID 1370	RRHIRI	
SEQ ID 1371	RHIRIR	
SEQ ID 1372	HIRIRS	
SEQ ID 1373	IRIRSL	20
SEQ ID 1374	RIRSLK	
SEQ ID 1375	IRSLKI	
SEQ ID 1376	RSLKIE	25
SEQ ID 1377	SLKIEL	
SEQ ID 1378	LKIELH	
SEQ ID 1379	KIELHS	30
SEQ ID 1380	IELHSR	
SEQ ID 1381	ELHSRS	
SEQ ID 1382	LHSRSG	35
SEQ ID 1383	HSRSGH	
SEQ ID 1384	SRSQHW	
SEQ ID 1385	RSQHWQ	40
SEQ ID 1386	SGHWQS	
SEQ ID 1387	GHWQSI	
SEQ ID 1388	HWQSID	45
SEQ ID 1389	WQSIDF	
SEQ ID 1390	QSIDFK	
SEQ ID 1391	SIDFKQ	50
SEQ ID 1392	IDFKQV	
SEQ ID 1393	DFKQVL	
SEQ ID 1394	FKQVLH	55
SEQ ID 1395	KQVLHS	
SEQ ID 1396	QVLHSW	
SEQ ID 1397	VLHSWF	
SEQ ID 1398	LHSWFR	60
SEQ ID 1399	HSWFRQ	
SEQ ID 1400	SWFRQP	
SEQ ID 1401	WFRQPQ	65

TABLE 5-continued

SEQ ID 1402	FRQPQS
SEQ ID 1403	RQPQSN
SEQ ID 1404	QPQSNW
SEQ ID 1405	PQSNWG
SEQ ID 1406	QSNWGI
SEQ ID 1407	SNWGIE
SEQ ID 1408	NWGIEI
SEQ ID 1409	WGIEIN
SEQ ID 1410	GIEINA
SEQ ID 1411	IEINAF
SEQ ID 1412	EINAFD
SEQ ID 1413	INAFDP
SEQ ID 1414	NAFDPS
SEQ ID 1415	AFDPSG
SEQ ID 1416	FDPSGT
SEQ ID 1417	DPSGTD
SEQ ID 1418	PSGTDL
SEQ ID 1419	SGTDLA
SEQ ID 1420	GTDLAV
SEQ ID 1421	TDLAVT
SEQ ID 1422	DLAVTS
SEQ ID 1423	LAVTSL
SEQ ID 1424	AVTSLG
SEQ ID 1425	VTSLGP
SEQ ID 1426	TSLGPG
SEQ ID 1427	SLGPGA
SEQ ID 1428	LGPGAE
SEQ ID 1429	GPGAEG
SEQ ID 1430	PGA EGL
SEQ ID 1431	GA EGLH
SEQ ID 1432	AEGLHP
SEQ ID 1433	EGLHPP
SEQ ID 1434	GLHPPM
SEQ ID 1435	LHPPME
SEQ ID 1436	HPFMEL
SEQ ID 1437	PFMELR
SEQ ID 1438	FMELRV
SEQ ID 1439	MELRVL
SEQ ID 1440	ELRVLE
SEQ ID 1441	LRVLEN

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TABLE 5-continued

SEQ ID 1442	RVLENT	
SEQ ID 1443	VLENTK	5
SEQ ID 1444	LENTKR	
SEQ ID 1445	ENTKRS	
SEQ ID 1446	NTKRSR	10
SEQ ID 1447	TKRSRR	
SEQ ID 1448	KRSRRN	
SEQ ID 1449	RSRRNL	15
SEQ ID 1450	SRRNLG	
SEQ ID 1451	RRNLGL	
SEQ ID 1452	RNLGLD	20
SEQ ID 1453	NLGLDC	
SEQ ID 1454	LGLDCD	
SEQ ID 1455	GLDCDE	25
SEQ ID 1456	LDCDEH	
SEQ ID 1457	DCDEHS	
SEQ ID 1458	CDEHSS	30
SEQ ID 1459	DEHSSE	
SEQ ID 1460	EHSSES	
SEQ ID 1461	HSSESR	35
SEQ ID 1462	SSESRC	
SEQ ID 1463	SESRCC	
SEQ ID 1464	ESRCCR	40
SEQ ID 1465	SRCCRY	
SEQ ID 1466	RCCRYP	
SEQ ID 1467	CCRYPL	45
SEQ ID 1468	CRYPLT	
SEQ ID 1469	RYPLTV	
SEQ ID 1470	YPLTVD	50
SEQ ID 1471	PLTVDF	
SEQ ID 1472	LTVDFE	
SEQ ID 1473	TVDFEA	55
SEQ ID 1474	VDFEAF	
SEQ ID 1475	DFEAFG	
SEQ ID 1476	FEAFGW	60
SEQ ID 1477	EAFGWD	
SEQ ID 1478	AFGWDW	
SEQ ID 1479	FGWDWI	65
SEQ ID 1480	GWDWII	
SEQ ID 1481	WDWIIA	

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TABLE 5-continued

SEQ ID 1482	DWIIAP
SEQ ID 1483	WIIAPK
SEQ ID 1484	IIAPKR
SEQ ID 1485	IAPKRY
SEQ ID 1486	APKRYK
SEQ ID 1487	PKRYKA
SEQ ID 1488	KRYKAN
SEQ ID 1489	RYKANY
SEQ ID 1490	YKANYC
SEQ ID 1491	KANYCS
SEQ ID 1492	ANYCSG
SEQ ID 1493	NYCSGQ
SEQ ID 1494	YCSGQC
SEQ ID 1495	CSGQCE
SEQ ID 1496	SGQCEY
SEQ ID 1497	GQCEYM
SEQ ID 1498	QCEYMF
SEQ ID 1499	CEYFMF
SEQ ID 1500	EYFMQK
SEQ ID 1501	YFMQKQ
SEQ ID 1502	FMQKYP
SEQ ID 1503	MQKYPH
SEQ ID 1504	QKYPHT
SEQ ID 1505	KYPHTH
SEQ ID 1506	YPHTHL
SEQ ID 1507	PHTHLV
SEQ ID 1508	HTHLVQ
SEQ ID 1509	THLVQQ
SEQ ID 1510	HLVQQA
SEQ ID 1511	LVQQAN
SEQ ID 1512	VQQANP
SEQ ID 1513	QQANPR
SEQ ID 1514	QANPRG
SEQ ID 1515	ANPRGS
SEQ ID 1516	NPRGSA
SEQ ID 1517	PRGSAG
SEQ ID 1518	RGSAGP
SEQ ID 1519	GSAGPC
SEQ ID 1520	SAGPCC
SEQ ID 1521	

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TABLE 5-continued

SEQ ID 1522	AGPCCT	
SEQ ID 1523	GPCCTP	5
SEQ ID 1524	PCCTPT	
SEQ ID 1525	CCTPTK	
SEQ ID 1526	CTPTKM	10
SEQ ID 1527	TPTKMS	
SEQ ID 1528	PTKMSP	
SEQ ID 1529	TKMSPI	15
SEQ ID 1530	KMSPIN	
SEQ ID 1531	MSPINM	
SEQ ID 1532	SPINML	20
SEQ ID 1533	PINMLY	
SEQ ID 1534	INMLYF	
SEQ ID 1535	NMLYFN	25
SEQ ID 1536	MLYFND	
SEQ ID 1537	LYFNDK	
SEQ ID 1538	YFNDKQ	30
SEQ ID 1539	FNDKQQ	
SEQ ID 1540	NDKQQI	
SEQ ID 1541	DKQQII	35
SEQ ID 1542	KQQIIY	
SEQ ID 1543	QQIIYG	
SEQ ID 1544	QIIYGK	40
SEQ ID 1545	IIYGKI	
SEQ ID 1546	IYGKIP	
SEQ ID 1547	YGKIPG	45
SEQ ID 1548	GKIPGM	
SEQ ID 1549	KIPGMV	
SEQ ID 1550	IPGMVV	50
SEQ ID 1551	PGMVVD	
SEQ ID 1552	GMVVDR	
SEQ ID 1553	MVVDRC	55
SEQ ID 1554	VVDRCG	
SEQ ID 1555	VDRCGC	
SEQ ID 1556	DRCGCS	60

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TABLE 6

SEQ ID 1557	MVLAAPL
SEQ ID 1558	VLAAPLL
SEQ ID 1559	LAAPLLL
SEQ ID 1560	AAPLLLG
SEQ ID 1561	APLLLGF
SEQ ID 1562	PLLLGFL
SEQ ID 1563	LLLGFL
SEQ ID 1564	LLGFLLL
SEQ ID 1565	LGFLLLA
SEQ ID 1566	GFLLLAL
SEQ ID 1567	FLLLALE
SEQ ID 1568	LLLLEL
SEQ ID 1569	LLALELR
SEQ ID 1570	LALELRP
SEQ ID 1571	ALELRPR
SEQ ID 1572	LELRPRG
SEQ ID 1573	ELRPRGE
SEQ ID 1574	LRPRGEA
SEQ ID 1575	RPRGEAA
SEQ ID 1576	PRGEAAE
SEQ ID 1577	RGEAAEG
SEQ ID 1578	GEAAEGP
SEQ ID 1579	EAAEGPA
SEQ ID 1580	AAEGPAA
SEQ ID 1581	AEGPAAA
SEQ ID 1582	EGPAAAA
SEQ ID 1583	GPAAAAA
SEQ ID 1584	PAAAAAA
SEQ ID 1585	AAAAAAA
SEQ ID 1586	AAAAAAG
SEQ ID 1587	AAAAAGV
SEQ ID 1588	AAAAGVG
SEQ ID 1589	AAAGVGG
SEQ ID 1590	AAGVGGE
SEQ ID 1591	AGVGGER
SEQ ID 1592	GVGGER
SEQ ID 1593	VGGERSS
SEQ ID 1594	GGERSSR
SEQ ID 1595	GERSSRP
SEQ ID 1596	ERSSRPA

In some embodiments, the active agent comprises a peptide which comprises, consists essentially of, or consists of any one or more of the 7-mer amino acid sequences (SEQ ID NO: 1557-1951) listed below in Table 6.

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TABLE 6-continued

SEQ ID 1597	RSSRPAP	
SEQ ID 1598	SSRPAPS	5
SEQ ID 1599	SRPAPSV	
SEQ ID 1600	RPAPSV	
SEQ ID 1601	PAPSVAP	10
SEQ ID 1602	APSVAPE	
SEQ ID 1603	PSVAPEP	
SEQ ID 1604	SVAPEPD	
SEQ ID 1605	VAPEPDG	15
SEQ ID 1606	APEPDGC	
SEQ ID 1607	PEPDGCP	
SEQ ID 1608	EPDGCVP	20
SEQ ID 1609	PDGCPVC	
SEQ ID 1610	DGCPVCV	
SEQ ID 1611	GCPVCVW	25
SEQ ID 1612	CPVCVWR	
SEQ ID 1613	PVCVWRQ	
SEQ ID 1614	VCVWRQH	30
SEQ ID 1615	CVWRQHS	
SEQ ID 1616	VWRQHRS	
SEQ ID 1617	WRQHRSR	35
SEQ ID 1618	RQHRSRE	
SEQ ID 1619	QHSRELR	
SEQ ID 1620	HSRELR	40
SEQ ID 1621	SRELRLE	
SEQ ID 1622	RELRLES	
SEQ ID 1623	ELRLESI	45
SEQ ID 1624	LRLESIK	
SEQ ID 1625	RLESIKS	
SEQ ID 1626	LESIKSQ	50
SEQ ID 1627	ESIKSQI	
SEQ ID 1628	SIKSQIL	
SEQ ID 1629	IKSQILS	55
SEQ ID 1630	KSQILSK	
SEQ ID 1631	SQILSKL	
SEQ ID 1632	QILSKLR	60
SEQ ID 1633	ILSKLRL	
SEQ ID 1634	LSKLRLK	
SEQ ID 1635	SKLRLKE	
SEQ ID 1636	KLRLKEA	65

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TABLE 6-continued

SEQ ID 1637	LRLKEAP
SEQ ID 1638	RLKEAPN
SEQ ID 1639	LKEAPNI
SEQ ID 1640	KEAPNIS
SEQ ID 1641	EAPNISR
SEQ ID 1642	APNISRE
SEQ ID 1643	PNISREV
SEQ ID 1644	NISREVV
SEQ ID 1645	ISREVVK
SEQ ID 1646	SREVVKQ
SEQ ID 1647	REVVKQL
SEQ ID 1648	EVVKQLL
SEQ ID 1649	VVKQLLP
SEQ ID 1650	VKQLLPK
SEQ ID 1651	KQLLPKA
SEQ ID 1652	QLLPKAP
SEQ ID 1653	LLPKAPP
SEQ ID 1654	LPKAPPL
SEQ ID 1655	PKAPPLQ
SEQ ID 1656	KAPPLQQ
SEQ ID 1657	APPLQQI
SEQ ID 1658	PPLQQIL
SEQ ID 1659	PLQQILD
SEQ ID 1660	LQQILDL
SEQ ID 1661	QQILDLH
SEQ ID 1662	QILDLHD
SEQ ID 1663	ILDLHDF
SEQ ID 1664	LDLHDFQ
SEQ ID 1665	DLHDFQG
SEQ ID 1666	LHDFQGD
SEQ ID 1667	HDFQGDA
SEQ ID 1668	DFQGDAL
SEQ ID 1669	FQGDALQ
SEQ ID 1670	QG DALQP
SEQ ID 1671	GDALQPE
SEQ ID 1672	DALQPED
SEQ ID 1673	ALQPEDF
SEQ ID 1674	LQPEDFL
SEQ ID 1675	QPEDFLE
SEQ ID 1676	PEDFLEE

TABLE 6-continued

SEQ ID 1677	EDFLEED	
SEQ ID 1678	DFLEEDE	5
SEQ ID 1679	FLEEDEY	
SEQ ID 1680	LEEDEYH	
SEQ ID 1681	EDEYHA	10
SEQ ID 1682	EDEYHAT	
SEQ ID 1683	DEYHATT	
SEQ ID 1684	EYHATTE	15
SEQ ID 1685	YHATTET	
SEQ ID 1686	HATTETV	
SEQ ID 1687	ATTETVI	
SEQ ID 1688	TTETVIS	20
SEQ ID 1689	TETVISM	
SEQ ID 1690	ETVISMA	
SEQ ID 1691	TVISMAQ	25
SEQ ID 1692	VISMAQE	
SEQ ID 1693	ISMAQET	
SEQ ID 1694	SMAQETD	30
SEQ ID 1695	MAQETDP	
SEQ ID 1696	AQETDPA	
SEQ ID 1697	QETDPAV	35
SEQ ID 1698	ETDPAVQ	
SEQ ID 1699	TDPAVQT	
SEQ ID 1700	DPAVQTD	40
SEQ ID 1701	PAVQTDG	
SEQ ID 1702	AVQTDGS	
SEQ ID 1703	VQTDGSP	45
SEQ ID 1704	QTDGSPL	
SEQ ID 1705	TDGSPLC	
SEQ ID 1706	DGSPLCC	50
SEQ ID 1707	GSPLCCH	
SEQ ID 1708	SPLCCHF	
SEQ ID 1709	PLCCHFH	55
SEQ ID 1710	LCCHFHF	
SEQ ID 1711	CCHFHFH	
SEQ ID 1712	CHFHFSP	60
SEQ ID 1713	HFHFSPK	
SEQ ID 1714	FHFSPKV	
SEQ ID 1715	HFSPKVM	65
SEQ ID 1716	FSPKVMF	

TABLE 6-continued

SEQ ID 1717	SPKVMFT
SEQ ID 1718	PKVMFTK
SEQ ID 1719	KVMFTKV
SEQ ID 1720	VMFTKVL
SEQ ID 1721	MFTKVLK
SEQ ID 1722	FTKVLKA
SEQ ID 1723	TKVLKQA
SEQ ID 1724	KVLKAQL
SEQ ID 1725	VLKAQLW
SEQ ID 1726	LKAQLWV
SEQ ID 1727	KAQLWVY
SEQ ID 1728	AQLWVYL
SEQ ID 1729	QLWVYLR
SEQ ID 1730	LWVYLRP
SEQ ID 1731	WVYLRPV
SEQ ID 1732	VYLRPVP
SEQ ID 1733	YLRPVPR
SEQ ID 1734	LRPVPRP
SEQ ID 1735	RPVPRPA
SEQ ID 1736	PVPRPAT
SEQ ID 1737	VPRPATV
SEQ ID 1738	PRPATVY
SEQ ID 1739	RPATVYL
SEQ ID 1740	PATVYLQ
SEQ ID 1741	ATVYLQI
SEQ ID 1742	TVYLQIL
SEQ ID 1743	VYLQILR
SEQ ID 1744	YLQILRL
SEQ ID 1745	LQILRLK
SEQ ID 1746	QILRLKP
SEQ ID 1747	ILRLKPL
SEQ ID 1748	LRLKPLT
SEQ ID 1749	RLKPLTG
SEQ ID 1750	LKPLTGE
SEQ ID 1751	KPLTGEG
SEQ ID 1752	PLTGEGT
SEQ ID 1753	LTGEGTA
SEQ ID 1754	TGEGTAG
SEQ ID 1755	GEGTAGG
SEQ ID 1756	EGTAGGG

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TABLE 6-continued

SEQ ID 1757	GTAGGGG	
SEQ ID 1758	TAGGGGG	5
SEQ ID 1759	AGGGGGG	
SEQ ID 1760	GGGGGGR	
SEQ ID 1761	GGGGGRR	10
SEQ ID 1762	GGGGRRH	
SEQ ID 1763	GGRRRHI	
SEQ ID 1764	GGRRHIR	15
SEQ ID 1765	GRRHIRI	
SEQ ID 1766	RRHIRIR	
SEQ ID 1767	RHIRIRS	20
SEQ ID 1768	HIRIRSL	
SEQ ID 1769	IRIRSLK	
SEQ ID 1770	RIRSLKI	25
SEQ ID 1771	IRSLKIE	
SEQ ID 1772	RSLKIEL	
SEQ ID 1773	SLKIELH	30
SEQ ID 1774	LKIELHS	
SEQ ID 1775	KIELHSR	
SEQ ID 1776	IELHSRS	35
SEQ ID 1777	ELHSRSG	
SEQ ID 1778	LHSRSGH	
SEQ ID 1779	HSRSGHW	40
SEQ ID 1780	SRSQHWQ	
SEQ ID 1781	RSQHWQS	
SEQ ID 1782	SGHWQSI	45
SEQ ID 1783	GHWQSID	
SEQ ID 1784	HWQSIDF	
SEQ ID 1785	WQSIDFK	50
SEQ ID 1786	QSIDFKQ	
SEQ ID 1787	SIDFKQV	
SEQ ID 1788	IDFKQVL	55
SEQ ID 1789	DFKQVLH	
SEQ ID 1790	FKQVLHS	
SEQ ID 1791	KQVLHSW	60
SEQ ID 1792	QVLHSWF	
SEQ ID 1793	VLHSWFR	
SEQ ID 1794	LHSWFRQ	
SEQ ID 1795	HSWFRQP	65
SEQ ID 1796	SWFRQPQ	

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TABLE 6-continued

SEQ ID 1797	WFRQPQS	
SEQ ID 1798	FRQPQSN	
SEQ ID 1799	RQPQSNW	
SEQ ID 1800	QPQSNWG	
SEQ ID 1801	PQSNWGI	
SEQ ID 1802	QSNWGIE	
SEQ ID 1803	SNWGIEI	
SEQ ID 1804	NWGIEIN	
SEQ ID 1805	WGIEINA	
SEQ ID 1806	GIEINAF	
SEQ ID 1807	IEINAFD	
SEQ ID 1808	EINAFDP	
SEQ ID 1809	INAFDPS	
SEQ ID 1810	NAFDPSG	
SEQ ID 1811	AFDPSGT	
SEQ ID 1812	FDPSGTD	
SEQ ID 1813	DPSGTDL	
SEQ ID 1814	PSGTDLA	
SEQ ID 1815	SGTDLAV	
SEQ ID 1816	GTDLAVT	
SEQ ID 1817	TDLAVTS	
SEQ ID 1818	DLAVTSL	
SEQ ID 1819	LAVTSLG	
SEQ ID 1820	AVTSLGP	
SEQ ID 1821	VTSLGPG	
SEQ ID 1822	TSLGPGA	
SEQ ID 1823	SLGPGAE	
SEQ ID 1824	LGPGAEG	
SEQ ID 1825	GPGA EGL	
SEQ ID 1826	PGA EGLH	
SEQ ID 1827	GA EGLHP	
SEQ ID 1828	AE GLHPF	
SEQ ID 1829	EGLHPFM	
SEQ ID 1830	GLHPFME	
SEQ ID 1831	LHPFMEL	
SEQ ID 1832	HPFMELR	
SEQ ID 1833	PFMELRV	
SEQ ID 1834	FMELRVL	
SEQ ID 1835	MELRVLE	
SEQ ID 1836	ELRVLEN	

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TABLE 6-continued

SEQ ID 1837	LRVLENT	
SEQ ID 1838	RVLENTK	5
SEQ ID 1839	VLENTKR	
SEQ ID 1840	LENTKRS	
SEQ ID 1841	ENTKRSR	10
SEQ ID 1842	NTKRSRR	
SEQ ID 1843	TKRSRRN	
SEQ ID 1844	KRSRRNL	15
SEQ ID 1845	RSRRNLG	
SEQ ID 1846	SRRNLGL	
SEQ ID 1847	RRNLGLD	20
SEQ ID 1848	RNLGLDC	
SEQ ID 1849	NLGLDCD	
SEQ ID 1850	LGLDCDE	25
SEQ ID 1851	GLDCDEH	
SEQ ID 1852	LDCDEHS	
SEQ ID 1853	DCDEHSS	30
SEQ ID 1854	CDEHSSE	
SEQ ID 1855	DEHSSES	
SEQ ID 1856	EHSESER	35
SEQ ID 1857	HSSESRC	
SEQ ID 1858	SSES RCC	
SEQ ID 1859	SES RCCR	40
SEQ ID 1860	ESRCCRY	
SEQ ID 1861	SRCCRYP	
SEQ ID 1862	RCCRYPL	45
SEQ ID 1863	CCRYPLT	
SEQ ID 1864	CRYPLTV	
SEQ ID 1865	RYPLTVD	50
SEQ ID 1866	YPLTVDF	
SEQ ID 1867	PLTVDFE	
SEQ ID 1868	LTVDFEA	55
SEQ ID 1869	TVDFEAF	
SEQ ID 1870	VDFEAFG	
SEQ ID 1871	DFEAFGW	60
SEQ ID 1872	FEAFGWD	
SEQ ID 1873	EAFGWDW	
SEQ ID 1874	AFGWDWI	65
SEQ ID 1875	FGWDWII	
SEQ ID 1876	GWDWIIA	

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TABLE 6-continued

SEQ ID 1877	WDWIIAP	
SEQ ID 1878	DWIIAPK	
SEQ ID 1879	WIIAPKR	
SEQ ID 1880	IIAPKRY	
SEQ ID 1881	IAPKRYK	
SEQ ID 1882	APKRYKA	
SEQ ID 1883	PKRYKAN	
SEQ ID 1884	KRYKANY	
SEQ ID 1885	RYKANYC	
SEQ ID 1886	YKANYCS	
SEQ ID 1887	KANYCSG	
SEQ ID 1888	ANYCSGQ	
SEQ ID 1889	NYCSGQC	
SEQ ID 1890	YCSGQCE	
SEQ ID 1891	CSGQCEY	
SEQ ID 1892	SGQCEYM	
SEQ ID 1893	GQCEYMF	
SEQ ID 1894	QCEYFMF	
SEQ ID 1895	CEYFMFQ	
SEQ ID 1896	EYFMFQK	
SEQ ID 1897	YFMFQKY	
SEQ ID 1898	FMFQKYP	
SEQ ID 1899	FMQKYPH	
SEQ ID 1900	MQKYPHT	
SEQ ID 1901	QKYPHTH	
SEQ ID 1902	KYPHTHL	
SEQ ID 1903	YPHTHLV	
SEQ ID 1904	PHTHLVQ	
SEQ ID 1905	HTHLVQQ	
SEQ ID 1906	THLVQQA	
SEQ ID 1907	HLVQQAN	
SEQ ID 1908	LVQQANP	
SEQ ID 1909	VQQANPR	
SEQ ID 1910	QQANPRG	
SEQ ID 1911	QANPRGS	
SEQ ID 1912	ANPRGSA	
SEQ ID 1913	NPRGSAG	
SEQ ID 1914	PRGSAGP	
SEQ ID 1915	RGSAGPC	
SEQ ID 1916	GSAGPCC	

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TABLE 6-continued

SEQ ID 1917	SAGPCCT	
SEQ ID 1918	AGPCCTP	5
SEQ ID 1919	GPCCTPT	
SEQ ID 1920	PCCTPTK	
SEQ ID 1921	CCTPTKM	10
SEQ ID 1922	CTPTKMS	
SEQ ID 1923	TPTKMSP	
SEQ ID 1924	PTKMSPFI	15
SEQ ID 1925	TKMSPIN	
SEQ ID 1926	KMSPINM	
SEQ ID 1927	MSPINML	20
SEQ ID 1928	SPINMLY	
SEQ ID 1929	PINMLYF	
SEQ ID 1930	INMLYFN	25
SEQ ID 1931	NMLYFND	
SEQ ID 1932	MLYFNDK	
SEQ ID 1933	LYFNDKQ	30
SEQ ID 1934	YFNDKQQ	
SEQ ID 1935	FNDKQQI	
SEQ ID 1936	NDKQQII	35
SEQ ID 1937	DKQQIYY	
SEQ ID 1938	KQQIYYG	
SEQ ID 1939	QQIYYGK	40
SEQ ID 1940	QIYYGKI	
SEQ ID 1941	IYYGKIP	
SEQ ID 1942	IYGKIPG	45
SEQ ID 1943	YGKIPGM	
SEQ ID 1944	GKIPGMV	
SEQ ID 1945	KIPGMVV	50
SEQ ID 1946	IPGMVVD	
SEQ ID 1947	PGMVVDR	
SEQ ID 1948	GMVVDRC	55
SEQ ID 1949	MVVDRCG	
SEQ ID 1950	VVDRCGC	
SEQ ID 1951	VDRCGCS	60

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TABLE 7

SEQ ID 1952	MVLAAPLL
SEQ ID 1953	VLAAPLLL
SEQ ID 1954	LAAPLLLG
SEQ ID 1955	AAPLLLGF
SEQ ID 1956	APLLLGFL
SEQ ID 1957	PLLLGFLL
SEQ ID 1958	LLLGFLLL
SEQ ID 1959	LLGFLLLA
SEQ ID 1960	LGFLLLAL
SEQ ID 1961	GFLLLALE
SEQ ID 1962	FLLLALEL
SEQ ID 1963	LLLALELR
SEQ ID 1964	LLALELRP
SEQ ID 1965	LALELRPR
SEQ ID 1966	ALELRPRG
SEQ ID 1967	LELRPRGE
SEQ ID 1968	ELRPRGEA
SEQ ID 1969	LRPRGEAA
SEQ ID 1970	RPRGEAAE
SEQ ID 1971	PRGEAAEG
SEQ ID 1972	RGEAAEGP
SEQ ID 1973	GEAAEGPA
SEQ ID 1974	EAAEGPAA
SEQ ID 1975	AAEGPAAA
SEQ ID 1976	AEGPAAAA
SEQ ID 1977	EGPAAAAA
SEQ ID 1978	GPAAAAAA
SEQ ID 1979	PAAAAAAA
SEQ ID 1980	AAAAAAA
SEQ ID 1981	AAAAAAG
SEQ ID 1982	AAAAAGV
SEQ ID 1983	AAAAAGVG
SEQ ID 1984	AAAAGVGG
SEQ ID 1985	AAAGVGGE
SEQ ID 1986	AAGVGGER
SEQ ID 1987	AGVGGERS
SEQ ID 1988	GVGGERSS
SEQ ID 1989	VGGERSSR
SEQ ID 1990	GGERSSRP
SEQ ID 1991	GERSSRPA

In some embodiments, the active agent comprises a peptide which comprises, consists essentially of, or consists of any one or more of the 8-mer amino acid sequences (SEQ ID NO: 1952-2346) listed below in Table 7.

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TABLE 7-continued

SEQ ID 1992	ERSSRPAP	
SEQ ID 1993	RSSRPAPS	5
SEQ ID 1994	SSRPAPSV	
SEQ ID 1995	SRPAPSVVA	
SEQ ID 1996	RPAPSVAP	10
SEQ ID 1997	PAPSVAPE	
SEQ ID 1998	APSVAPEP	
SEQ ID 1999	PSVAPEPD	15
SEQ ID 2000	SVAPEPDG	
SEQ ID 2001	VAPEPDGC	
SEQ ID 2002	APEPDGCP	20
SEQ ID 2003	PEPDGCPV	
SEQ ID 2004	EPDGCPVC	
SEQ ID 2005	PDGCPVCV	25
SEQ ID 2006	DGCPVCVW	
SEQ ID 2007	GCPVCVWR	
SEQ ID 2008	CPVCVWRQ	30
SEQ ID 2009	PVCVWRQH	
SEQ ID 2010	VCVWRQHS	
SEQ ID 2011	CVWRQHRS	35
SEQ ID 2012	VWRQHRSRE	
SEQ ID 2013	WRQHRSREL	
SEQ ID 2014	RQHRSRELR	40
SEQ ID 2015	QHSRELRRL	
SEQ ID 2016	HSRELRLE	
SEQ ID 2017	SRELRLES	45
SEQ ID 2018	RELRLESI	
SEQ ID 2019	ELRLESIK	
SEQ ID 2020	LRLESIKS	50
SEQ ID 2021	RLESIKSQ	
SEQ ID 2022	LESIKSQI	
SEQ ID 2023	ESIKSQIL	55
SEQ ID 2024	SIKSQILS	
SEQ ID 2025	IKSQILSK	
SEQ ID 2026	KSQILSKL	60
SEQ ID 2027	SQILSKLR	
SEQ ID 2028	QILSKLRL	
SEQ ID 2029	ILSKLRLK	65
SEQ ID 2030	LSKLRLKE	
SEQ ID 2031	SKLRLKEA	

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TABLE 7-continued

SEQ ID 2032	KLRLKEAP
SEQ ID 2033	LRLKEAPN
SEQ ID 2034	RLKEAPNI
SEQ ID 2035	LKEAPNIS
SEQ ID 2036	KEAPNISR
SEQ ID 2037	EAPNISRE
SEQ ID 2038	APNISREV
SEQ ID 2039	PNISREVV
SEQ ID 2040	NISREVVK
SEQ ID 2041	ISREVVKQ
SEQ ID 2042	SREVVKQL
SEQ ID 2043	REVVKQLL
SEQ ID 2044	EVVKQLLP
SEQ ID 2045	VVKQLLPK
SEQ ID 2046	VKQLLPKA
SEQ ID 2047	KQLLPKAP
SEQ ID 2048	QLLPKAPP
SEQ ID 2049	LLPKAPPL
SEQ ID 2050	LPKAPPLQ
SEQ ID 2051	PKAPPLQQ
SEQ ID 2052	KAPPLQQI
SEQ ID 2053	APPLQQIL
SEQ ID 2054	PPLQQILD
SEQ ID 2055	PLQQILDL
SEQ ID 2056	LQQILDLH
SEQ ID 2057	QQILDLHD
SEQ ID 2058	QILDLHDF
SEQ ID 2059	ILDLHDFQ
SEQ ID 2060	LDLHDFQG
SEQ ID 2061	DLHDFQGD
SEQ ID 2062	LHDFQGDA
SEQ ID 2063	HDFQGDAL
SEQ ID 2064	DFQGDALQ
SEQ ID 2065	FQGDALQP
SEQ ID 2066	QGDALQPE
SEQ ID 2067	GDALQPED
SEQ ID 2068	DALQPEDF
SEQ ID 2069	ALQPEDFL
SEQ ID 2070	LQPEDFLE
SEQ ID 2071	QPEDFLEE

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TABLE 7-continued

SEQ ID 2072	PEDFLEED	
SEQ ID 2073	EDFLEEDE	5
SEQ ID 2074	DFLEEDEY	
SEQ ID 2075	FLEEDEYH	
SEQ ID 2076	LEEDEYHA	10
SEQ ID 2077	EDEYHAT	
SEQ ID 2078	EDEYHATT	
SEQ ID 2079	DEYHATTE	
SEQ ID 2080	EYHATTET	15
SEQ ID 2081	YHATTETV	
SEQ ID 2082	HATTETVI	
SEQ ID 2083	ATTETVIS	20
SEQ ID 2084	TTETVISM	
SEQ ID 2085	TETVISMA	
SEQ ID 2086	ETVISMAQ	25
SEQ ID 2087	TVISMAQE	
SEQ ID 2088	VISMAQET	
SEQ ID 2089	ISMAQETD	30
SEQ ID 2090	SMAQETDP	
SEQ ID 2091	MAQETDPA	
SEQ ID 2092	AQETDPAV	35
SEQ ID 2093	QETDPAVQ	
SEQ ID 2094	ETDPAVQT	
SEQ ID 2095	TDPAVQTD	40
SEQ ID 2096	DPAVQTDG	
SEQ ID 2097	PAVQTDGS	
SEQ ID 2098	AVQTDGSP	45
SEQ ID 2099	VQTDGSPL	
SEQ ID 2100	QTDGSPLC	
SEQ ID 2101	TDGSPLCC	50
SEQ ID 2102	DGSPLCCH	
SEQ ID 2103	GSPLCCHF	
SEQ ID 2104	SPLCCHFH	
SEQ ID 2105	PLCCHFHF	55
SEQ ID 2106	LCCHFHFS	
SEQ ID 2107	CCHFHFSP	
SEQ ID 2108	CHFHFSPK	60
SEQ ID 2109	HFHFSPKV	
SEQ ID 2110	FHFSPKVM	
SEQ ID 2111	HFSPKVMF	65

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TABLE 7-continued

SEQ ID 2112	FSPKVMFT	
SEQ ID 2113	SPKVMFTK	
SEQ ID 2114	PKVMFTKV	
SEQ ID 2115	KVMFTKVL	
SEQ ID 2116	VMFTKVLK	
SEQ ID 2117	MFTKVLKA	
SEQ ID 2118	FTKVLKAQ	
SEQ ID 2119	TKVLKAQL	
SEQ ID 2120	KVLKAQLW	
SEQ ID 2121	VLKAQLWV	
SEQ ID 2122	LKAQLWVY	
SEQ ID 2123	KAQLWVYL	
SEQ ID 2124	AQLWVYLR	
SEQ ID 2125	QLWVYLRP	
SEQ ID 2126	LWVYLRPV	
SEQ ID 2127	WVYLRPVP	
SEQ ID 2128	VYLRPVPR	
SEQ ID 2129	YLRPVPRP	
SEQ ID 2130	LRPVPRPA	
SEQ ID 2131	RPVPRPAT	
SEQ ID 2132	PVPRPATV	
SEQ ID 2133	VPRPATVY	
SEQ ID 2134	PRPATVYL	
SEQ ID 2135	RPATVYLQ	
SEQ ID 2136	PATVYLQI	
SEQ ID 2137	ATVYLQIL	
SEQ ID 2138	TVYLQILR	
SEQ ID 2139	VYLQILRL	
SEQ ID 2140	YLQILRLK	
SEQ ID 2141	LQILRLKP	
SEQ ID 2142	QILRLKPL	
SEQ ID 2143	ILRLKPLT	
SEQ ID 2144	LRLKPLTG	
SEQ ID 2145	RLKPLTGE	
SEQ ID 2146	LKPLTGEG	
SEQ ID 2147	KPLTGEGT	
SEQ ID 2148	PLTGEGTA	
SEQ ID 2149	LTGEGTAG	
SEQ ID 2150	TGEGTAGG	
SEQ ID 2151	GEGTAGGG	

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TABLE 7-continued

SEQ ID 2152	EGTAGGGG	
SEQ ID 2153	GTAGGGGG	5
SEQ ID 2154	TAGGGGGG	
SEQ ID 2155	AGGGGGGR	
SEQ ID 2156	GGGGGRRR	10
SEQ ID 2157	GGGGRRRH	
SEQ ID 2158	GGGRRRHI	
SEQ ID 2159	GGRRRHIR	15
SEQ ID 2160	GGRRHIRI	
SEQ ID 2161	GRRHIRIR	
SEQ ID 2162	RRHIRIRS	
SEQ ID 2163	RHIRIRSL	20
SEQ ID 2164	HIRIRSLK	
SEQ ID 2165	IRIRSLKI	
SEQ ID 2166	RIRSLKIE	25
SEQ ID 2167	IRSLKIEL	
SEQ ID 2168	RSLKIELH	
SEQ ID 2169	SLKIELHS	30
SEQ ID 2170	LKIELHSR	
SEQ ID 2171	KIELHSRS	
SEQ ID 2172	IELHSRSG	35
SEQ ID 2173	ELHSRSGH	
SEQ ID 2174	LHSRSGHW	
SEQ ID 2175	HSRSGHWQ	40
SEQ ID 2176	SRSQHWQS	
SEQ ID 2177	RSGHWQSI	
SEQ ID 2178	SGHWQSID	45
SEQ ID 2179	GHWQSIDF	
SEQ ID 2180	HWQSIDFK	
SEQ ID 2181	WQSIDFKQ	50
SEQ ID 2182	QSIDFKQV	
SEQ ID 2183	SIDFKQVL	
SEQ ID 2184	IDFKQVLH	55
SEQ ID 2185	DFKQVLHS	
SEQ ID 2186	FKQVLHSW	
SEQ ID 2187	KQVLHSWF	
SEQ ID 2188	QVLHSWFR	60
SEQ ID 2189	VLHSWFRQ	
SEQ ID 2190	LHSWFRQP	
SEQ ID 2191	HSWFRQPQ	65

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TABLE 7-continued

SEQ ID 2192	SWFRQPQS
SEQ ID 2193	WFRQPQSN
SEQ ID 2194	FRQPQSNW
SEQ ID 2195	RQPQSNWG
SEQ ID 2196	QPQSNWGI
SEQ ID 2197	PQSNWGIE
SEQ ID 2198	QSNWGIEI
SEQ ID 2199	SNWGIEIN
SEQ ID 2200	NWGIEINA
SEQ ID 2201	WGIEINAF
SEQ ID 2202	GIEINAFD
SEQ ID 2203	IEINAFDP
SEQ ID 2204	EINAFDPS
SEQ ID 2205	INAFDPSG
SEQ ID 2206	NAFDPSGT
SEQ ID 2207	AFDPSGTD
SEQ ID 2208	FDPSGTDL
SEQ ID 2209	DPSGTDLA
SEQ ID 2210	PSGTDLAV
SEQ ID 2211	SGTDLAVT
SEQ ID 2212	GTDLAVTS
SEQ ID 2213	TDLAVTSL
SEQ ID 2214	DLAVTSLG
SEQ ID 2215	LAVTSLGP
SEQ ID 2216	AVTSLGPG
SEQ ID 2217	VTSLGPGA
SEQ ID 2218	TSLGPGAE
SEQ ID 2219	SLGPGAEG
SEQ ID 2220	LGPGA EGL
SEQ ID 2221	GPGA EGLH
SEQ ID 2222	PGA EGLHP
SEQ ID 2223	GA EGLHPF
SEQ ID 2224	AE GLHPFM
SEQ ID 2225	EGLHPFME
SEQ ID 2226	GLHPFMEL
SEQ ID 2227	LHPFMELR
SEQ ID 2228	HPFMELRV
SEQ ID 2229	PFMELRVL
SEQ ID 2230	FMELRVLE
SEQ ID 2231	MELRVLEN

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TABLE 7-continued

SEQ ID 2232	ELRVLENT	
SEQ ID 2233	LRVLENTK	5
SEQ ID 2234	RVLENTKR	
SEQ ID 2235	VLENTKRS	
SEQ ID 2236	LENTKRSR	10
SEQ ID 2237	ENTKRSRR	
SEQ ID 2238	NTKRSRRN	
SEQ ID 2239	TKRSRRNL	
SEQ ID 2240	KRSRRNLG	15
SEQ ID 2241	RSRRNLGL	
SEQ ID 2242	SRRNLGLD	
SEQ ID 2243	RRNLGLDC	20
SEQ ID 2244	RNLGLDCD	
SEQ ID 2245	NLGLDCDE	
SEQ ID 2246	LGLDCDEH	25
SEQ ID 2247	GLDCDEHS	
SEQ ID 2248	LDCDEHSS	
SEQ ID 2249	DCDEHSSE	30
SEQ ID 2250	CDEHSSES	
SEQ ID 2251	DEHSSESR	
SEQ ID 2252	EHSSESRC	35
SEQ ID 2253	HSSESRCC	
SEQ ID 2254	SSESRCCR	
SEQ ID 2255	SESRCCRY	40
SEQ ID 2256	ESRCCRYP	
SEQ ID 2257	SRCCRYPL	
SEQ ID 2258	RCCRYPLT	45
SEQ ID 2259	CCRYPLTV	
SEQ ID 2260	CRYPLTVD	
SEQ ID 2261	RYPLTVDF	50
SEQ ID 2262	YPLTVDFE	
SEQ ID 2263	PLTVDFEA	
SEQ ID 2264	LTVDFEAF	55
SEQ ID 2265	TVDFEAFG	
SEQ ID 2266	VDFEAFGW	
SEQ ID 2267	DFEAFGWD	60
SEQ ID 2268	FEAFGWDW	
SEQ ID 2269	EAFGWDWI	
SEQ ID 2270	AFGWDWII	
SEQ ID 2271	FGWDWIIA	65

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TABLE 7-continued

SEQ ID 2272	GWDWIIAP
SEQ ID 2273	WDWIIAPK
SEQ ID 2274	DWIIAPKR
SEQ ID 2275	WIIAPKRY
SEQ ID 2276	IIAPKRYK
SEQ ID 2277	IAPKRYKA
SEQ ID 2278	APKRYKAN
SEQ ID 2279	PKRYKANY
SEQ ID 2280	KRYKANYC
SEQ ID 2281	RYKANYCS
SEQ ID 2282	YKANYCSG
SEQ ID 2283	KANYCSGQ
SEQ ID 2284	ANYCSGQC
SEQ ID 2285	NYCSGQCE
SEQ ID 2286	YCSGQCEY
SEQ ID 2287	CSGQCEYM
SEQ ID 2288	SGQCEYMF
SEQ ID 2289	GQCEYFMF
SEQ ID 2290	QCEYFMFQ
SEQ ID 2291	CEYFMFQK
SEQ ID 2292	EYFMFQKY
SEQ ID 2293	YFMFQKYP
SEQ ID 2294	FMFQKYPH
SEQ ID 2295	FMQKYPHT
SEQ ID 2296	MQKYPHTH
SEQ ID 2297	QKYPHTHL
SEQ ID 2298	KYPHTHLV
SEQ ID 2299	YPHTHLVQ
SEQ ID 2300	PHTHLVQQ
SEQ ID 2301	HTHLVQQA
SEQ ID 2302	THLVQQAN
SEQ ID 2303	HLVQQANP
SEQ ID 2304	LVQQANPR
SEQ ID 2305	VQQANPRG
SEQ ID 2306	QQANPRGS
SEQ ID 2307	QANPRGSA
SEQ ID 2308	ANPRGSAG
SEQ ID 2309	NPRGSAGP
SEQ ID 2310	PRGSAGPC
SEQ ID 2311	RGSAGPCC

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TABLE 7-continued

SEQ ID 2312	GSAGPCCT	
SEQ ID 2313	SAGPCCTP	5
SEQ ID 2314	AGPCCTPT	
SEQ ID 2315	GPCCTPTK	
SEQ ID 2316	PCCTPTKM	10
SEQ ID 2317	CCTPTKMS	
SEQ ID 2318	CTPTKMSP	
SEQ ID 2319	TPTKMSPI	15
SEQ ID 2320	PTKMSPIN	
SEQ ID 2321	TKMSPINM	
SEQ ID 2322	KMSPINML	20
SEQ ID 2323	MSPINMLY	
SEQ ID 2324	SPINMLYF	
SEQ ID 2325	PINMLYFN	25
SEQ ID 2326	INMLYFND	
SEQ ID 2327	NMLYFNDK	
SEQ ID 2328	MLYFNDKQ	30
SEQ ID 2329	LYFNDKQQ	
SEQ ID 2330	YFNDKQQI	
SEQ ID 2331	FNDKQQII	35
SEQ ID 2332	NDKQQIYY	
SEQ ID 2333	DKQQIYYG	
SEQ ID 2334	KQQIYYGK	40
SEQ ID 2335	QQIYYGKI	
SEQ ID 2336	QIYYGKIP	
SEQ ID 2337	IYYGKIPG	45
SEQ ID 2338	IYGKIPGM	
SEQ ID 2339	YGKIPGMV	
SEQ ID 2340	GKIPGMVV	50
SEQ ID 2341	KIPGMVVD	
SEQ ID 2342	IPGMVVDR	
SEQ ID 2343	PGMVVDRC	55
SEQ ID 2344	GMVVDRCG	
SEQ ID 2345	MVVDRCGC	
SEQ ID 2346	VVVDRCGCS	60

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TABLE 8

SEQ ID 2347	MVLAAPLLL
SEQ ID 2348	VLAAPLLLG
SEQ ID 2349	LAAPLLLGF
SEQ ID 2350	AAPLLLGFL
SEQ ID 2351	APLLLGFL
SEQ ID 2352	PLLLGFL
SEQ ID 2353	LLLGFL
SEQ ID 2354	LLGFL
SEQ ID 2355	LGFL
SEQ ID 2356	GFL
SEQ ID 2357	FL
SEQ ID 2358	L
SEQ ID 2359	
SEQ ID 2360	
SEQ ID 2361	
SEQ ID 2362	
SEQ ID 2363	
SEQ ID 2364	
SEQ ID 2365	
SEQ ID 2366	
SEQ ID 2367	
SEQ ID 2368	
SEQ ID 2369	
SEQ ID 2370	
SEQ ID 2371	
SEQ ID 2372	
SEQ ID 2373	
SEQ ID 2374	
SEQ ID 2375	
SEQ ID 2376	
SEQ ID 2377	
SEQ ID 2378	
SEQ ID 2379	
SEQ ID 2380	
SEQ ID 2381	
SEQ ID 2382	
SEQ ID 2383	
SEQ ID 2384	
SEQ ID 2385	
SEQ ID 2386	

In some embodiments, the active agent comprises a peptide which comprises, consists essentially of, or consists of any one or more of the 9-mer amino acid sequences (SEQ ID NO: 2347-2741) listed below in Table 8.

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TABLE 8-continued

SEQ ID 2387	GERSSRPAP	
SEQ ID 2388	ERSSRPAPS	
SEQ ID 2389	RSSRPAPSV	5
SEQ ID 2390	SSRPAPSVVA	
SEQ ID 2391	SRPAPSVAP	
SEQ ID 2392	RPAPSVAPE	10
SEQ ID 2393	PAPSVAPEP	
SEQ ID 2394	APSVAPEPD	
SEQ ID 2395	PSVAPEPDG	15
SEQ ID 2396	SVAPEPDGC	
SEQ ID 2397	VAPEPDGCP	
SEQ ID 2398	APEPDGCPV	20
SEQ ID 2399	PEPDGCPVC	
SEQ ID 2400	EPDGCPVCV	
SEQ ID 2401	PDGCPVCVW	25
SEQ ID 2402	DGCPVCVWR	
SEQ ID 2403	GCPVCVWRQ	
SEQ ID 2404	CPVCVWRQH	30
SEQ ID 2405	PVCVWRQHS	
SEQ ID 2406	VCVWRQHRS	
SEQ ID 2407	CVWRQHRSRE	35
SEQ ID 2408	VWRQHRSREL	
SEQ ID 2409	WRQHRSRELRL	
SEQ ID 2410	RQHRSRELRL	40
SEQ ID 2411	QHSRELRLLE	
SEQ ID 2412	HSRELRLLES	
SEQ ID 2413	SRELRLLESI	45
SEQ ID 2414	RELRLLESIK	
SEQ ID 2415	ELRLLESIKS	
SEQ ID 2416	LRLESIKSQ	50
SEQ ID 2417	RLESIKSQI	
SEQ ID 2418	LESIKSQIL	
SEQ ID 2419	ESIKSQILS	55
SEQ ID 2420	SIKSQILSK	
SEQ ID 2421	IKSQILSKL	
SEQ ID 2422	KSQILSKLR	60
SEQ ID 2423	SQILSKLRL	
SEQ ID 2424	QILSKLRLK	
SEQ ID 2425	ILSKLRLKE	
SEQ ID 2426	LSKLRLKEA	65

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TABLE 8-continued

SEQ ID 2427	SKLRLKEAP
SEQ ID 2428	KLRLKEAPN
SEQ ID 2429	LRLKEAPNI
SEQ ID 2430	RLKEAPNIS
SEQ ID 2431	LKEAPNISR
SEQ ID 2432	KEAPNISRE
SEQ ID 2433	EAPNISREV
SEQ ID 2434	APNISREVV
SEQ ID 2435	PNISREVVK
SEQ ID 2436	NISREVVKQ
SEQ ID 2437	ISREVVKQL
SEQ ID 2438	SREVVKQLL
SEQ ID 2439	REVVKQLLP
SEQ ID 2440	EVVKQLLPK
SEQ ID 2441	VVKQLLPKA
SEQ ID 2442	VKQLLPKAP
SEQ ID 2443	KQLLPKAPP
SEQ ID 2444	QLLPKAPPL
SEQ ID 2445	LLPKAPPLQ
SEQ ID 2446	LPKAPPLQQ
SEQ ID 2447	PKAPPLQQI
SEQ ID 2448	KAPPLQQIL
SEQ ID 2449	APPLQQILD
SEQ ID 2450	PPLQQILDL
SEQ ID 2451	PLQQILDLH
SEQ ID 2452	LQQILDLHD
SEQ ID 2453	QQILDLHDF
SEQ ID 2454	QILDLHDFQ
SEQ ID 2455	ILDLHDFQG
SEQ ID 2456	LDLHDFQGD
SEQ ID 2457	DLHDFQGDA
SEQ ID 2458	LHDFQGDAL
SEQ ID 2459	HDFQGDALQ
SEQ ID 2460	DFQGDALQP
SEQ ID 2461	FQGDALQPE
SEQ ID 2462	QGDAALQPED
SEQ ID 2463	GDALQPEDF
SEQ ID 2464	DALQPEDFL
SEQ ID 2465	ALQPEDFLE
SEQ ID 2466	LQPEDFLEE

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TABLE 8-continued

SEQ ID 2467	QPEDFLEED	
SEQ ID 2468	PEDFLEEDE	5
SEQ ID 2469	EDFLEEDEY	
SEQ ID 2470	DFLEEDEYH	
SEQ ID 2471	FLEEDEYHA	10
SEQ ID 2472	LEEDEYHAT	
SEQ ID 2473	EDEYHATT	
SEQ ID 2474	EDEYHATTE	15
SEQ ID 2475	DEYHATTET	
SEQ ID 2476	EYHATTETV	
SEQ ID 2477	YHATTETVI	20
SEQ ID 2478	HATTETVIS	
SEQ ID 2479	ATTETVISM	
SEQ ID 2480	TTETVISMA	
SEQ ID 2481	TETVISMAQ	25
SEQ ID 2482	ETVISMAQE	
SEQ ID 2483	TVISMAQET	
SEQ ID 2484	VISMAQETD	30
SEQ ID 2485	ISMAQETDP	
SEQ ID 2486	SMAQETDPA	
SEQ ID 2487	MAQETDPAV	35
SEQ ID 2488	AQETDPAVQ	
SEQ ID 2489	QETDPAVQT	
SEQ ID 2490	ETDPAVQTD	40
SEQ ID 2491	TDPAVQTDG	
SEQ ID 2492	DPAVQTDGS	
SEQ ID 2493	PAVQTDGSP	45
SEQ ID 2494	AVQTDGSPL	
SEQ ID 2495	VQTDGSPLC	
SEQ ID 2496	QTDGSPLCC	50
SEQ ID 2497	TDGSPLCCH	
SEQ ID 2498	DGSPLCCHF	
SEQ ID 2499	GSPLCCHFH	55
SEQ ID 2500	SPLCCHFH	
SEQ ID 2501	PLCCHFHFS	
SEQ ID 2502	LCCHFHFS	60
SEQ ID 2503	CCHFHFS	
SEQ ID 2504	CHFHSFKV	
SEQ ID 2505	HFHSFKVM	65
SEQ ID 2506	FHSFKVMF	

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TABLE 8-continued

SEQ ID 2507	HFSKVMFT
SEQ ID 2508	FSPKVMFTK
SEQ ID 2509	SPKVMFTKV
SEQ ID 2510	PKVMFTKVL
SEQ ID 2511	KVMFTKVLK
SEQ ID 2512	VMFTKVLKA
SEQ ID 2513	MFTKVLKAQ
SEQ ID 2514	FTKVLKAQL
SEQ ID 2515	TKVLKAQLW
SEQ ID 2516	KVLKAQLWV
SEQ ID 2517	VLKAQLWVY
SEQ ID 2518	LKAQLWVYL
SEQ ID 2519	KAQLWVYLR
SEQ ID 2520	AQLWVYLRP
SEQ ID 2521	QLWVYLRPV
SEQ ID 2522	LWVYLRPVP
SEQ ID 2523	WVYLRPVPR
SEQ ID 2524	VYLRPVPRP
SEQ ID 2525	YLRPVPRPA
SEQ ID 2526	LRPVPRPAT
SEQ ID 2527	RPVPRPATV
SEQ ID 2528	PVPRPATVY
SEQ ID 2529	VPRPATVYL
SEQ ID 2530	PRPATVYLQ
SEQ ID 2531	RPATVYLQI
SEQ ID 2532	PATVYLQIL
SEQ ID 2533	ATVYLQILR
SEQ ID 2534	TVYLQILRL
SEQ ID 2535	VYLQILRLK
SEQ ID 2536	YLQILRLKP
SEQ ID 2537	LQILRLKPL
SEQ ID 2538	QILRLKPLT
SEQ ID 2539	ILRLKPLTG
SEQ ID 2540	LRLKPLTGE
SEQ ID 2541	RLKPLTGEG
SEQ ID 2542	LKPLTGEGT
SEQ ID 2543	KPLTGEGTA
SEQ ID 2544	PLTGEGTAG
SEQ ID 2545	LTGEGTAGG
SEQ ID 2546	TGEGTAGGG

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TABLE 8-continued

SEQ ID 2547	GEGTAGGGG	
SEQ ID 2548	EGTAGGGGG	
SEQ ID 2549	GTAGGGGGG	5
SEQ ID 2550	TAGGGGGGR	
SEQ ID 2551	AGGGGGGRR	
SEQ ID 2552	GGGGGGRRH	10
SEQ ID 2553	GGGGGRRHI	
SEQ ID 2554	GGGRRHIR	
SEQ ID 2555	GGRRHIRI	15
SEQ ID 2556	GRRHIRIR	
SEQ ID 2557	GRRHIRIRS	
SEQ ID 2558	RRHIRIRSL	20
SEQ ID 2559	RHIRIRSLK	
SEQ ID 2560	HIRIRSLKI	
SEQ ID 2561	IRIRSLKIE	25
SEQ ID 2562	RIRSLKIEL	
SEQ ID 2563	IRSLKIELH	
SEQ ID 2564	RSLKIELHS	30
SEQ ID 2565	SLKIELHSR	
SEQ ID 2566	LKIELHSRS	
SEQ ID 2567	KIELHSRSG	35
SEQ ID 2568	IELHSRSGH	
SEQ ID 2569	ELHSRSGHW	
SEQ ID 2570	LHSRSGHWQ	40
SEQ ID 2571	HSRSGHWQS	
SEQ ID 2572	SRSRSGHWQSI	
SEQ ID 2573	RSRSGHWQSID	45
SEQ ID 2574	SGHWQSIDF	
SEQ ID 2575	GHWQSIDFK	
SEQ ID 2576	HWQSIDFKQ	50
SEQ ID 2577	WQSIDFKQV	
SEQ ID 2578	QSIDFKQVL	
SEQ ID 2579	SIDFKQVLH	55
SEQ ID 2580	IDFKQVLHS	
SEQ ID 2581	DFKQVLHSW	
SEQ ID 2582	FKQVLHSWF	60
SEQ ID 2583	KQVLHSWFR	
SEQ ID 2584	QVLHSWFRQ	
SEQ ID 2585	VLHSWFRQP	65
SEQ ID 2586	LHSWFRQPQ	

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TABLE 8-continued

SEQ ID 2587	HSWFRQPQS
SEQ ID 2588	SWFRQPQSN
SEQ ID 2589	WFRQPQSNW
SEQ ID 2590	FRQPQSNWG
SEQ ID 2591	RQPQSNWGI
SEQ ID 2592	QPQSNWGIE
SEQ ID 2593	PQSNWGIEI
SEQ ID 2594	QSNWGIEIN
SEQ ID 2595	SNWGIEINA
SEQ ID 2596	NWGIEINAF
SEQ ID 2597	WGIEINAFD
SEQ ID 2598	GIEINAFDP
SEQ ID 2599	IEINAFDPS
SEQ ID 2600	EINAFDPSG
SEQ ID 2601	INAFDPSGT
SEQ ID 2602	NAFDPSGTD
SEQ ID 2603	AFDPSGTDL
SEQ ID 2604	FDPSGTDLA
SEQ ID 2605	DPSGTDLAV
SEQ ID 2606	PSGTDLAVT
SEQ ID 2607	SGTDLAVTS
SEQ ID 2608	GTDLAVTSL
SEQ ID 2609	TDLAVTSLG
SEQ ID 2610	DLAVTSLGP
SEQ ID 2611	LAVTSLGPG
SEQ ID 2612	AVTSLGPGA
SEQ ID 2613	VTSLGPGAEG
SEQ ID 2614	TSLGPGAEG
SEQ ID 2615	SLGPGAEGH
SEQ ID 2616	LGPGAEGLH
SEQ ID 2617	GPGAEGLHP
SEQ ID 2618	PGAEGLHPF
SEQ ID 2619	GAEGLHPFM
SEQ ID 2620	AEGLHPFME
SEQ ID 2621	EGLHPFMEL
SEQ ID 2622	GLHPFMELR
SEQ ID 2623	LHPFMELRV
SEQ ID 2624	HPFMELRVL
SEQ ID 2625	PFMELRVLE
SEQ ID 2626	FMELRVLEN

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TABLE 8-continued

SEQ ID 2627	MELRVLENT	
SEQ ID 2628	ELRVLENTK	5
SEQ ID 2629	LRVLENTKR	
SEQ ID 2630	RVLENTKRS	
SEQ ID 2631	VLENTKRSR	10
SEQ ID 2632	LENTKRSRR	
SEQ ID 2633	ENTKRSRRN	
SEQ ID 2634	NTKRSRRLN	
SEQ ID 2635	TKRSRRNLG	15
SEQ ID 2636	KRSRRNLGL	
SEQ ID 2637	RSRRNLGLD	
SEQ ID 2638	SRRNLGLDC	20
SEQ ID 2639	RRNLGLDCD	
SEQ ID 2640	RNLGLDCDE	
SEQ ID 2641	NLGLDCDEH	25
SEQ ID 2642	LGLDCDEHS	
SEQ ID 2643	GLDCDEHSS	
SEQ ID 2644	LDCDEHSSE	30
SEQ ID 2645	DCDEHSSES	
SEQ ID 2646	CDEHSSES	
SEQ ID 2647	DEHSSESRC	35
SEQ ID 2648	EHSSESRC	
SEQ ID 2649	HSSESRCR	
SEQ ID 2650	SSESRCRY	40
SEQ ID 2651	ESRCCRYP	
SEQ ID 2652	ESRCCRYPL	
SEQ ID 2653	SRCCRYPLT	45
SEQ ID 2654	RCCRYPLTV	
SEQ ID 2655	CCRYPLTVD	
SEQ ID 2656	CRYPLTVDF	50
SEQ ID 2657	RYPLTVDFE	
SEQ ID 2658	YPLTVDFEA	
SEQ ID 2659	PLTVDFEAF	55
SEQ ID 2660	LTVDFEAFG	
SEQ ID 2661	TVDFEAFGW	
SEQ ID 2662	VDFEAFGWD	
SEQ ID 2663	DFEAFGWDW	60
SEQ ID 2664	FEAFGWDWI	
SEQ ID 2665	EAFGWDWII	
SEQ ID 2666	AFGWDWIIA	65

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TABLE 8-continued

SEQ ID 2667	FGWDWIIAP
SEQ ID 2668	GWDWIIAPK
SEQ ID 2669	WDWIIAPKR
SEQ ID 2670	DWIIAPKRY
SEQ ID 2671	WIIAPKRYK
SEQ ID 2672	IIAPKRYKA
SEQ ID 2673	IAPKRYKAN
SEQ ID 2674	APKRYKANY
SEQ ID 2675	PKRYKANYC
SEQ ID 2676	KRYKANYCS
SEQ ID 2677	RYKANYCSG
SEQ ID 2678	YKANYCSGQ
SEQ ID 2679	KANYCSGQC
SEQ ID 2680	ANYCSGQCE
SEQ ID 2681	NYCSGQCEY
SEQ ID 2682	YCSGQCEYM
SEQ ID 2683	CSGQCEYMF
SEQ ID 2684	SGQCEYFMF
SEQ ID 2685	GQCEYFMFQ
SEQ ID 2686	QCEYFMFQK
SEQ ID 2687	CEYFMFQKY
SEQ ID 2688	EYFMFQKYP
SEQ ID 2689	YFMFQKYPH
SEQ ID 2690	FMFQKYPHT
SEQ ID 2691	FMQKYPHTH
SEQ ID 2692	MQKYPHTHL
SEQ ID 2693	QKYPHTHLV
SEQ ID 2694	KYPHTHLVQ
SEQ ID 2695	YPHTHLVQQ
SEQ ID 2696	PHTHLVQQA
SEQ ID 2697	HTHLVQQAN
SEQ ID 2698	THLVQQANP
SEQ ID 2699	HLVQQANPR
SEQ ID 2700	LVQQANPRG
SEQ ID 2701	VQQANPRGS
SEQ ID 2702	QQANPRGSA
SEQ ID 2703	QANPRGSAG
SEQ ID 2704	ANPRGSAGP
SEQ ID 2705	NPRGSAGPC
SEQ ID 2706	PRGSAGPCC

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TABLE 8-continued

SEQ ID 2707	RGSAGPCCT	
SEQ ID 2708	GSAGPCCTP	5
SEQ ID 2709	SAGPCCTPT	
SEQ ID 2710	AGPCCTPTK	
SEQ ID 2711	GPCCTPTKM	10
SEQ ID 2712	PCCTPTKMS	
SEQ ID 2713	CCTPTKMSP	
SEQ ID 2714	CTPTKMSP	15
SEQ ID 2715	TPTKMSPIN	
SEQ ID 2716	PTKMSPINM	
SEQ ID 2717	TKMSPINML	20
SEQ ID 2718	KMSPINMLY	
SEQ ID 2719	MSPINMLYF	
SEQ ID 2720	SPINMLYFN	25
SEQ ID 2721	PINMLYFND	
SEQ ID 2722	INMLYFNDK	
SEQ ID 2723	NMLYFNDKQ	30
SEQ ID 2724	MLYFNDKQQ	
SEQ ID 2725	LYFNDKQQI	
SEQ ID 2726	YFNDKQQII	35
SEQ ID 2727	FNDKQQIYY	
SEQ ID 2728	NDKQQIYYG	
SEQ ID 2729	DKQQIYYGK	40
SEQ ID 2730	KQQIYYGKI	
SEQ ID 2731	QQIYYGKIP	
SEQ ID 2732	QIYYGKIPG	45
SEQ ID 2733	IYYGKIPGM	
SEQ ID 2734	IYGKIPGMV	
SEQ ID 2735	YGKIPGMVV	50
SEQ ID 2736	GKIPGMVVD	
SEQ ID 2737	KIPGMVVD	
SEQ ID 2738	IPGMVVDRC	55
SEQ ID 2739	PGMVVDRCG	
SEQ ID 2740	GMVVDRCGC	
SEQ ID 2741	MVVDRCGCS	60

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TABLE 9

SEQ ID 2742	MVLAAPLLLG
SEQ ID 2743	VLAAPLLLGF
SEQ ID 2744	LAAPLLLGFL
SEQ ID 2745	AAPLLLGFL
SEQ ID 2746	APLLLGFL
SEQ ID 2747	PLLLGFLLLA
SEQ ID 2748	LLLGFLLLAL
SEQ ID 2749	LLGFLLLALE
SEQ ID 2750	LGFLLLALEL
SEQ ID 2751	GFLLLALELR
SEQ ID 2752	FLLLALELRP
SEQ ID 2753	LLLALELRPR
SEQ ID 2754	LLALELRPRG
SEQ ID 2755	LALELRPRGE
SEQ ID 2756	ALELRPRGEA
SEQ ID 2757	LELRPRGEAA
SEQ ID 2758	ELRPRGEAAA
SEQ ID 2759	LRPRGEAAEG
SEQ ID 2760	RPRGEAAEGP
SEQ ID 2761	PRGEAAEGPA
SEQ ID 2762	RGEAAEGPAA
SEQ ID 2763	GEAAEGPAAA
SEQ ID 2764	EAAEGPAAAA
SEQ ID 2765	AAEGPAAAAA
SEQ ID 2766	AEGPAAAAAA
SEQ ID 2767	EGPAAAAAAA
SEQ ID 2768	GPAAAAAAA
SEQ ID 2769	PAAAAAAA
SEQ ID 2770	AAAAAAA
SEQ ID 2771	AAAAAAAAG
SEQ ID 2772	AAAAAAAAGV
SEQ ID 2773	AAAAAAGVG
SEQ ID 2774	AAAAAAGVGG
SEQ ID 2775	AAAAAGVGGE
SEQ ID 2776	AAAAGVGGER
SEQ ID 2777	AAAGVGGERS
SEQ ID 2778	AAGVGGERSS
SEQ ID 2779	AGVGGERSSR
SEQ ID 2780	GVGGERSSRP
SEQ ID 2781	VGGERSSRPA

In some embodiments, the active agent comprises a peptide which comprises, consists essentially of, or consists of any one or more of the 10-mer amino acid sequences (SEQ ID NO: 2742-3136) listed below in Table 9.

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TABLE 9-continued

SEQ ID 2782	GGERSRPAP	
SEQ ID 2783	GERSSRPAPS	5
SEQ ID 2784	ERSSRPAPSV	
SEQ ID 2785	RSSRPAPSV	
SEQ ID 2786	SSRPAPSVAP	10
SEQ ID 2787	SRPAPSVAPE	
SEQ ID 2788	RPAPSVAPEP	
SEQ ID 2789	PAPSVAPEPD	
SEQ ID 2790	APSVAPEPDG	15
SEQ ID 2791	PSVAPEPDGC	
SEQ ID 2792	SVAPEPDGCP	
SEQ ID 2793	VAPEPDGCFV	20
SEQ ID 2794	APEPDGCPVC	
SEQ ID 2795	PEPDGCPVCV	
SEQ ID 2796	EPDGCPVCVW	25
SEQ ID 2797	PDGCPVCVWR	
SEQ ID 2798	DGCPVCVWRQ	
SEQ ID 2799	GCPVCVWRQH	30
SEQ ID 2800	CPVCVWRQHS	
SEQ ID 2801	PVCVWRQHRS	
SEQ ID 2802	VCVWRQHRSRE	35
SEQ ID 2803	CVWRQHRSREL	
SEQ ID 2804	VWRQHRSREL	
SEQ ID 2805	WRQHRSRELRL	40
SEQ ID 2806	RQHRSRELRL	
SEQ ID 2807	QHRSRELRL	
SEQ ID 2808	HSRELRL	45
SEQ ID 2809	SRELRL	
SEQ ID 2810	RELRL	
SEQ ID 2811	ELRL	50
SEQ ID 2812	LRLESIKSQI	
SEQ ID 2813	RLESIKSQIL	
SEQ ID 2814	LESIKSQILS	55
SEQ ID 2815	ESIKSQILSK	
SEQ ID 2816	SIKSQILSKL	
SEQ ID 2817	IKSQILSKLR	
SEQ ID 2818	KSQILSKLRL	60
SEQ ID 2819	SQILSKLRLK	
SEQ ID 2820	QILSKLRLKE	
SEQ ID 2821	ILSKLRLKEA	65

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TABLE 9-continued

SEQ ID 2822	LSKLRLKEAP
SEQ ID 2823	SKLRLKEAPN
SEQ ID 2824	KLRLKEAPNI
SEQ ID 2825	LRLKEAPNIS
SEQ ID 2826	RLKEAPNISR
SEQ ID 2827	LKEAPNISRE
SEQ ID 2828	KEAPNISREV
SEQ ID 2829	EAPNISREVV
SEQ ID 2830	APNISREVVK
SEQ ID 2831	PNISREVVKQ
SEQ ID 2832	NISREVVKQL
SEQ ID 2833	ISREVVKQLL
SEQ ID 2834	SREVVKQLLP
SEQ ID 2835	REVVKQLLPK
SEQ ID 2836	EVVKQLLPKA
SEQ ID 2837	VVKQLLPKAP
SEQ ID 2838	VKQLLPKAPP
SEQ ID 2839	KQLLPKAPPL
SEQ ID 2840	QLLPKAPPLQ
SEQ ID 2841	LLPKAPPLQQ
SEQ ID 2842	LPKAPPLQQI
SEQ ID 2843	PKAPPLQQIL
SEQ ID 2844	KAPPLQQILD
SEQ ID 2845	APPLQQILDL
SEQ ID 2846	PPLQQILDLH
SEQ ID 2847	PLQQILDLHD
SEQ ID 2848	LQQILDLHDF
SEQ ID 2849	QQILDLHDFQ
SEQ ID 2850	QILDLHDFQG
SEQ ID 2851	ILDLHDFQGD
SEQ ID 2852	LDLHDFQGDA
SEQ ID 2853	DLHDFQGDAL
SEQ ID 2854	LHDFQGDALQ
SEQ ID 2855	HDFQGDALQP
SEQ ID 2856	DFQGDALQPE
SEQ ID 2857	FQGDALQPED
SEQ ID 2858	QGQDALQPEDF
SEQ ID 2859	GDALQPEDFL
SEQ ID 2860	DALQPEDFLE
SEQ ID 2861	ALQPEDFLEE

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TABLE 9-continued

SEQ ID 2862	LQPEDFLEED	
SEQ ID 2863	QPEDFLEEDE	5
SEQ ID 2864	PEDFLEEDEY	
SEQ ID 2865	EDFLEEDEYH	
SEQ ID 2866	DFLEEDEYHA	10
SEQ ID 2867	FLEEDEYHAT	
SEQ ID 2868	LEEDEYHATT	
SEQ ID 2869	EEDYHATTE	
SEQ ID 2870	EDEYHATTET	15
SEQ ID 2871	DEYHATTETV	
SEQ ID 2872	EYHATTETVI	
SEQ ID 2873	YHATTETVIS	20
SEQ ID 2874	HATTETVISM	
SEQ ID 2875	ATTETVISMA	
SEQ ID 2876	TTETVISMAQ	25
SEQ ID 2877	TETVISMAQE	
SEQ ID 2878	ETVISMAQET	
SEQ ID 2879	TVISMAQETD	30
SEQ ID 2880	VISMAQETDP	
SEQ ID 2881	ISMAQETDPA	
SEQ ID 2882	SMAQETDPAV	35
SEQ ID 2883	MAQETDPAVQ	
SEQ ID 2884	AQETDPAVQT	
SEQ ID 2885	QETDPAVQTD	40
SEQ ID 2886	ETDPAVQTDG	
SEQ ID 2887	TDPAVQTDGS	
SEQ ID 2888	DPAVQTDGSP	45
SEQ ID 2889	PAVQTDGSPL	
SEQ ID 2890	AVQTDGSPLC	
SEQ ID 2891	VQTDGSPLCC	50
SEQ ID 2892	QTDGSPLCCH	
SEQ ID 2893	TDGSPLCCHF	
SEQ ID 2894	DGSPLCCHFH	55
SEQ ID 2895	GSPLCCHFHF	
SEQ ID 2896	SPLCCHFHFS	
SEQ ID 2897	PLCCHFHFSF	
SEQ ID 2898	LCCHFHFSFK	60
SEQ ID 2899	CCHFHFSFKV	
SEQ ID 2900	CHFHFSPKVM	
SEQ ID 2901	HFHFSPKVMF	65

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TABLE 9-continued

SEQ ID 2902	FHFSPKVMFT
SEQ ID 2903	HFSPKVMFTK
SEQ ID 2904	FSPKVMFTKV
SEQ ID 2905	SPKVMFTKVL
SEQ ID 2906	PKVMFTKVLK
SEQ ID 2907	KVMFTKVLKA
SEQ ID 2908	VMFTKVLKAQ
SEQ ID 2909	MFTKVLKAQL
SEQ ID 2910	FTKVLKAQLW
SEQ ID 2911	TKVLKAQLWV
SEQ ID 2912	KVLKAQLWVY
SEQ ID 2913	VLKAQLWVYL
SEQ ID 2914	LKAQLWVYLR
SEQ ID 2915	KAQLWVYLRP
SEQ ID 2916	AQLWVYLRPV
SEQ ID 2917	QLWVYLRPVP
SEQ ID 2918	LWVYLRPVPR
SEQ ID 2919	WVYLRPVPRP
SEQ ID 2920	VYLRPVPRPA
SEQ ID 2921	YLRPVPRPAT
SEQ ID 2922	LRPVPRPATV
SEQ ID 2923	RPVPRPATVY
SEQ ID 2924	PVPRPATVYL
SEQ ID 2925	VPRPATVYLQ
SEQ ID 2926	PRPATVYLQI
SEQ ID 2927	RPATVYLQIL
SEQ ID 2928	PATVYLQILR
SEQ ID 2929	ATVYLQILRL
SEQ ID 2930	TVYLQILRLK
SEQ ID 2931	VYLQILRLKPK
SEQ ID 2932	YLQILRLKPL
SEQ ID 2933	LQILRLKPLT
SEQ ID 2934	QILRLKPLTG
SEQ ID 2935	ILRLKPLTGE
SEQ ID 2936	LRLKPLTGEG
SEQ ID 2937	RLKPLTGEGT
SEQ ID 2938	LKPLTGEGTA
SEQ ID 2939	KPLTGEGTAG
SEQ ID 2940	PLTGEGTAGG
SEQ ID 2941	LTGEGTAGGG

TABLE 9-continued

SEQ ID 2942	TGEGTAGGGG	
SEQ ID 2943	GEGTAGGGGG	5
SEQ ID 2944	EGTAGGGGGG	
SEQ ID 2945	GTAGGGGGGR	
SEQ ID 2946	TAGGGGGGRR	10
SEQ ID 2947	AGGGGGGRRH	
SEQ ID 2948	GGGGGGRRHI	
SEQ ID 2949	GGGGGRRHIR	
SEQ ID 2950	GGGGRRHIRI	15
SEQ ID 2951	GGRRRHIRIR	
SEQ ID 2952	GRRRHIRIRS	
SEQ ID 2953	GRRHIRIRSL	20
SEQ ID 2954	RRHIRIRSLK	
SEQ ID 2955	RHIRIRSLKI	
SEQ ID 2956	HIRIRSLKIE	25
SEQ ID 2957	IRIRSLKIEL	
SEQ ID 2958	RIRSLKIELH	
SEQ ID 2959	IRSLKIELHS	30
SEQ ID 2960	RSLKIELHSR	
SEQ ID 2961	SLKIELHSRS	
SEQ ID 2962	LKIELHSRSG	35
SEQ ID 2963	KIELHSRSGH	
SEQ ID 2964	IELHSRSGHW	
SEQ ID 2965	ELHSRSGHWQ	40
SEQ ID 2966	LHSRSGHWQS	
SEQ ID 2967	HSRSGHWQSI	
SEQ ID 2968	SRSRSGHWQSID	45
SEQ ID 2969	RSGHWQSIDF	
SEQ ID 2970	SGHWQSIDFK	
SEQ ID 2971	GHWQSIDFKQ	50
SEQ ID 2972	HWQSIDFKQV	
SEQ ID 2973	WQSIDFKQVL	
SEQ ID 2974	QSIDFKQVLH	55
SEQ ID 2975	SIDFKQVLHS	
SEQ ID 2976	IDFKQVLHSW	
SEQ ID 2977	DFKQVLHSWF	
SEQ ID 2978	FKQVLHSWFR	60
SEQ ID 2979	KQVLHSWFRQ	
SEQ ID 2980	QVLHSWFRQP	
SEQ ID 2981	VLHSWFRQPQ	65

TABLE 9-continued

SEQ ID 2982	LHSWFRQPQS	
SEQ ID 2983	HSWFRQPQSN	
SEQ ID 2984	SWFRQPQSNW	
SEQ ID 2985	WFRQPQSNWG	
SEQ ID 2986	FRQPQSNWGI	
SEQ ID 2987	RQPQSNWGIE	
SEQ ID 2988	QPQSNWGIEI	
SEQ ID 2989	PQSNWGIEIN	
SEQ ID 2990	QSNWGIEINA	
SEQ ID 2991	SNWGIEINAF	
SEQ ID 2992	NWGIEINAFD	
SEQ ID 2993	WGIEINAFDP	
SEQ ID 2994	GIEINAFDPS	
SEQ ID 2995	IEINAFDPSG	
SEQ ID 2996	EINAFDPSGT	
SEQ ID 2997	INAFDPSGTD	
SEQ ID 2998	NAFDPSGTDL	
SEQ ID 2999	AFDPSGTDLA	
SEQ ID 3000	FDPSGTDLAV	
SEQ ID 3001	DPSGTDLAVT	
SEQ ID 3002	PSGTDLAVTS	
SEQ ID 3003	SGTDLAVTSL	
SEQ ID 3004	GTDLAVTSLG	
SEQ ID 3005	TDLAVTSLGP	
SEQ ID 3006	DLAVTSLGPG	
SEQ ID 3007	LAVTSLGPGA	
SEQ ID 3008	AVTSLGPGA	
SEQ ID 3009	VTS LGPGAEG	
SEQ ID 3010	TSLGPGA EGL	
SEQ ID 3011	SLGPGA EGLH	
SEQ ID 3012	LGPGA EGLHP	
SEQ ID 3013	GPGA EGLHPP	
SEQ ID 3014	PGA EGLHPFM	
SEQ ID 3015	GA EGLHPFME	
SEQ ID 3016	A EGLHPFMEL	
SEQ ID 3017	EGLHPFMELR	
SEQ ID 3018	GLHPFMELRV	
SEQ ID 3019	LHPFMELRVL	
SEQ ID 3020	HPFMELRVLE	
SEQ ID 3021	PFMELRVLEN	

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TABLE 9-continued

SEQ ID 3022	FMELRVLENT	
SEQ ID 3023	MELRVLENTK	5
SEQ ID 3024	ELRVLENTKR	
SEQ ID 3025	LRVLENTKRS	
SEQ ID 3026	RVLENTKRSR	10
SEQ ID 3027	VLENTKRSR	
SEQ ID 3028	LENTKRSRRN	
SEQ ID 3029	ENTKRSRRN	15
SEQ ID 3030	NTKRSRRN	
SEQ ID 3031	TKRSRRNLGL	
SEQ ID 3032	KRSRRNLGLD	20
SEQ ID 3033	RSRRNLGLDC	
SEQ ID 3034	SRRNLGLDCD	
SEQ ID 3035	RRNLGLDCDE	
SEQ ID 3036	RNLGLDCDEH	25
SEQ ID 3037	NLGLDCDEHS	
SEQ ID 3038	LGLDCDEHSS	
SEQ ID 3039	GLDCDEHSSE	30
SEQ ID 3040	LDCDEHSSES	
SEQ ID 3041	DCDEHSSES	
SEQ ID 3042	CDEHSSESRC	35
SEQ ID 3043	DEHSSESRC	
SEQ ID 3044	EHSESSECCR	
SEQ ID 3045	HSESSECCRY	40
SEQ ID 3046	SSESSECCRY	
SEQ ID 3047	SESSECCRYPL	
SEQ ID 3048	ESSECCRYPLT	45
SEQ ID 3049	SRSECCRYPLTV	
SEQ ID 3050	RSECCRYPLTV	
SEQ ID 3051	CRSECCRYPLTVDF	50
SEQ ID 3052	CRSECCRYPLTVDFE	
SEQ ID 3053	RYSECCRYPLTVDFE	
SEQ ID 3054	YSECCRYPLTVDFEAF	55
SEQ ID 3055	PLSECCRYPLTVDFEAFG	
SEQ ID 3056	LTVSECCRYPLTVDFEAFGW	
SEQ ID 3057	TVSECCRYPLTVDFEAFGWD	60
SEQ ID 3058	VDFEAFGWDW	
SEQ ID 3059	DVEAFGWDWI	
SEQ ID 3060	FEAFGWDWII	
SEQ ID 3061	EAFGWDWIIA	65

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TABLE 9-continued

SEQ ID 3062	AFGWDWIIAP
SEQ ID 3063	FGWDWIIAPK
SEQ ID 3064	GWDWIIAPKR
SEQ ID 3065	WDWIIAPKRY
SEQ ID 3066	DWIIAPKRYK
SEQ ID 3067	WIIAPKRYKA
SEQ ID 3068	IIAPKRYKAN
SEQ ID 3069	IAPKRYKANY
SEQ ID 3070	APKRYKANYC
SEQ ID 3071	PKRYKANYCS
SEQ ID 3072	KRYKANYCSG
SEQ ID 3073	RYKANYCSGQ
SEQ ID 3074	YKANYCSGQC
SEQ ID 3075	KANYCSGQCE
SEQ ID 3076	ANYCSGQCEY
SEQ ID 3077	NYCSGQCEYM
SEQ ID 3078	YCSGQCEYMF
SEQ ID 3079	CSGQCEYMF
SEQ ID 3080	SGQCEYMF
SEQ ID 3081	GQCEYMF
SEQ ID 3082	QCEYMF
SEQ ID 3083	CEYMF
SEQ ID 3084	EYMF
SEQ ID 3085	YMF
SEQ ID 3086	MF
SEQ ID 3087	FM
SEQ ID 3088	MQ
SEQ ID 3089	QK
SEQ ID 3090	KYP
SEQ ID 3091	YP
SEQ ID 3092	PHT
SEQ ID 3093	HT
SEQ ID 3094	TH
SEQ ID 3095	HL
SEQ ID 3096	LV
SEQ ID 3097	VQ
SEQ ID 3098	QQ
SEQ ID 3099	QAN
SEQ ID 3100	AN
SEQ ID 3101	NPR

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TABLE 9-continued

SEQ ID 3102	PRGSAGPCCT	
SEQ ID 3103	RGSAGPCCTP	5
SEQ ID 3104	GSAGPCCTPT	
SEQ ID 3105	SAGPCCTPTK	
SEQ ID 3106	AGPCCTPTKM	10
SEQ ID 3107	GPCCTPTKMS	
SEQ ID 3108	PCCTPTKMSP	
SEQ ID 3109	CCTPTKMSPI	15
SEQ ID 3110	CTPTKMSPIN	
SEQ ID 3111	TPTKMSPINM	
SEQ ID 3112	PTKMSPINML	20
SEQ ID 3113	TKMSPINMLY	
SEQ ID 3114	KMSPINMLYF	
SEQ ID 3115	MSPINMLYFN	25
SEQ ID 3116	SPINMLYFND	
SEQ ID 3117	PINMLYFNDK	
SEQ ID 3118	INMLYFNDKQ	30
SEQ ID 3119	NMLYFNDKQQ	
SEQ ID 3120	MLYFNDKQQI	
SEQ ID 3121	LYFNDKQQII	35
SEQ ID 3122	YFNDKQQIYY	
SEQ ID 3123	FNDKQQIIYG	
SEQ ID 3124	NDKQQIIYGK	40
SEQ ID 3125	DKQQIIYGKI	
SEQ ID 3126	KQQIIYGKIP	
SEQ ID 3127	QQIIYGKIPG	45
SEQ ID 3128	QIIYGKIPGM	
SEQ ID 3129	IYGKIPGMV	
SEQ ID 3130	IYGKIPGMVV	50
SEQ ID 3131	YGKIPGMVVD	
SEQ ID 3132	GKIPGMVVDR	
SEQ ID 3133	KIPGMVVDRC	55
SEQ ID 3134	IPGMVVDRCG	
SEQ ID 3135	PGMVVDRCGC	
SEQ ID 3136	GMVVDRCGCS	60

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TABLE 10

SEQ ID 3137	MVLAAPLLLGF
SEQ ID 3138	VLAAPLLLGFL
SEQ ID 3139	LAAPLLLGFL
SEQ ID 3140	AAPLLLGFL
SEQ ID 3141	APLLLGFL
SEQ ID 3142	PLLLGFL
SEQ ID 3143	LLLGFL
SEQ ID 3144	LLGFL
SEQ ID 3145	LGFL
SEQ ID 3146	GFL
SEQ ID 3147	FL
SEQ ID 3148	L
SEQ ID 3149	
SEQ ID 3150	
SEQ ID 3151	
SEQ ID 3152	
SEQ ID 3153	
SEQ ID 3154	
SEQ ID 3155	
SEQ ID 3156	
SEQ ID 3157	
SEQ ID 3158	
SEQ ID 3159	
SEQ ID 3160	
SEQ ID 3161	
SEQ ID 3162	
SEQ ID 3163	
SEQ ID 3164	
SEQ ID 3165	
SEQ ID 3166	
SEQ ID 3167	
SEQ ID 3168	
SEQ ID 3169	
SEQ ID 3170	
SEQ ID 3171	
SEQ ID 3172	
SEQ ID 3173	
SEQ ID 3174	
SEQ ID 3175	
SEQ ID 3176	

In some embodiments, the active agent comprises a peptide which comprises, consists essentially of, or consists of any one or more of the 11-mer amino acid sequences (SEQ ID NO: 3137-3531) listed below in Table 10.

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TABLE 10-continued

SEQ ID 3177	VGGERSRPAP	
SEQ ID 3178	GGERSRPAPS	5
SEQ ID 3179	GERSSRPAPSV	
SEQ ID 3180	ERSSRPAPSV	
SEQ ID 3181	RSSRPAPSVAP	10
SEQ ID 3182	SSRPAPSVAPE	
SEQ ID 3183	SRPAPSVAPEP	
SEQ ID 3184	RPAPSVAPEPD	
SEQ ID 3185	PAPSVAPEPDG	15
SEQ ID 3186	APSVAPEPDGC	
SEQ ID 3187	PSVAPEPDGCP	
SEQ ID 3188	SVAPEPDGCPV	20
SEQ ID 3189	VAPEPDGCPVC	
SEQ ID 3190	APEPDGCPVCV	
SEQ ID 3191	PEPDGCPVCVW	25
SEQ ID 3192	EPDGCPVCVWR	
SEQ ID 3193	PDGCPVCVWRQ	
SEQ ID 3194	DGCPVCVWRQH	30
SEQ ID 3195	GCPVCVWRQHS	
SEQ ID 3196	CPVCVWRQHRS	
SEQ ID 3197	PVCVWRQHRSRE	35
SEQ ID 3198	VCVWRQHRSREL	
SEQ ID 3199	CVWRQHRSRELR	
SEQ ID 3200	VWRQHRSRELRL	40
SEQ ID 3201	WRQHRSRELRL	
SEQ ID 3202	RQHRSRELRL	
SEQ ID 3203	QHSRELRL	45
SEQ ID 3204	HSRELRL	
SEQ ID 3205	SRELRL	
SEQ ID 3206	RELRL	50
SEQ ID 3207	ELRL	
SEQ ID 3208	LRRL	
SEQ ID 3209	RRL	55
SEQ ID 3210	LSKL	
SEQ ID 3211	ESIKL	
SEQ ID 3212	SIKLSKL	60
SEQ ID 3213	IKLSKLRL	
SEQ ID 3214	KSQILSKLRLK	
SEQ ID 3215	SQILSKLRLKE	
SEQ ID 3216	QILSKLRLKEA	65

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TABLE 10-continued

SEQ ID 3217	ILSKLRLKEAP	
SEQ ID 3218	LSKLRLKEAPN	
SEQ ID 3219	SKLRLKEAPNI	
SEQ ID 3220	KLRLKEAPNIS	
SEQ ID 3221	LRLKEAPNISR	
SEQ ID 3222	RLKEAPNISRE	
SEQ ID 3223	LKEAPNISREV	
SEQ ID 3224	KEAPNISREVV	
SEQ ID 3225	EAPNISREVVK	
SEQ ID 3226	APNISREVVKQ	
SEQ ID 3227	PNISREVVKQL	
SEQ ID 3228	NISREVVKQLL	
SEQ ID 3229	ISREVVKQLLP	
SEQ ID 3230	SREVVKQLLPK	
SEQ ID 3231	REVVKQLLPKA	
SEQ ID 3232	EVVKQLLPKAP	
SEQ ID 3233	VVKQLLPKAPP	
SEQ ID 3234	VKQLLPKAPPL	
SEQ ID 3235	KQLLPKAPPLQ	
SEQ ID 3236	QLLPKAPPLQQ	
SEQ ID 3237	LLPKAPPLQQI	
SEQ ID 3238	LPKAPPLQQIL	
SEQ ID 3239	PKAPPLQQILD	
SEQ ID 3240	KAPPLQQILDL	
SEQ ID 3241	APPLQQILDLH	
SEQ ID 3242	PPLQQILDLHD	
SEQ ID 3243	PLQQILDLHDF	
SEQ ID 3244	LQQILDLHDFQ	
SEQ ID 3245	QQILDLHDFQG	
SEQ ID 3246	QILDLHDFQGD	
SEQ ID 3247	ILDLHDFQGDA	
SEQ ID 3248	LDLHDFQGDAL	
SEQ ID 3249	DLHDFQGDALQ	
SEQ ID 3250	LHDFQGDALQP	
SEQ ID 3251	HDFQGDALQPE	
SEQ ID 3252	DFQGDALQPED	
SEQ ID 3253	FQGDALQPEDF	
SEQ ID 3254	QGALQPEDFL	
SEQ ID 3255	GDALQPEDFLE	
SEQ ID 3256	DALQPEDFLEE	

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TABLE 10-continued

SEQ ID 3257	ALQPEDFLEED	
SEQ ID 3258	LQPEDFLEEDE	5
SEQ ID 3259	QPEDFLEEDEY	
SEQ ID 3260	PEDFLEEDEYH	
SEQ ID 3261	EDFLEEDEYHA	
SEQ ID 3262	DFLEEDEYHAT	10
SEQ ID 3263	FLEEDEYHATT	
SEQ ID 3264	LEEDEYHATTE	
SEQ ID 3265	EDEYHATTET	15
SEQ ID 3266	EDEYHATTETV	
SEQ ID 3267	DEYHATTETVI	
SEQ ID 3268	EYHATTETVIS	20
SEQ ID 3269	YHATTETVISM	
SEQ ID 3270	HATTETVISMA	
SEQ ID 3271	ATTETVISMAQ	25
SEQ ID 3272	TTETVISMAQE	
SEQ ID 3273	TETVISMAQET	
SEQ ID 3274	ETVISMAQETD	30
SEQ ID 3275	TVISMAQETDP	
SEQ ID 3276	VISMAQETDPA	
SEQ ID 3277	ISMAQETDPAV	35
SEQ ID 3278	SMAQETDPAVQ	
SEQ ID 3279	MAQETDPAVQT	
SEQ ID 3280	AQETDPAVQTD	40
SEQ ID 3281	QETDPAVQTDG	
SEQ ID 3282	ETDPAVQTDGS	
SEQ ID 3283	TDPAVQTDGSP	45
SEQ ID 3284	DPAVQTDGSP	
SEQ ID 3285	PAVQTDGSP	
SEQ ID 3286	AVQTDGSP	50
SEQ ID 3287	VQTDGSP	
SEQ ID 3288	QTDGSP	
SEQ ID 3289	TDGSP	55
SEQ ID 3290	DGSP	
SEQ ID 3291	GSPLCCHFHFS	
SEQ ID 3292	SPLCCHFHFS	
SEQ ID 3293	PLCCHFHFS	60
SEQ ID 3294	LCCHFHFS	
SEQ ID 3295	CCHFHFS	
SEQ ID 3296	CHFHS	65

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TABLE 10-continued

SEQ ID 3297	HFHFSKVMFT
SEQ ID 3298	FHFSKVMFTK
SEQ ID 3299	HFSPKVMFTKV
SEQ ID 3300	FSPKVMFTKVL
SEQ ID 3301	SPKVMFTKVLK
SEQ ID 3302	PKVMFTKVLKA
SEQ ID 3303	KVMFTKVLKAQ
SEQ ID 3304	VMFTKVLKAQL
SEQ ID 3305	MFTKVLKAQLW
SEQ ID 3306	FTKVLKAQLWV
SEQ ID 3307	TKVLKAQLWVY
SEQ ID 3308	KVLKAQLWVYL
SEQ ID 3309	VLKAQLWVYLR
SEQ ID 3310	LKAQLWVYLRP
SEQ ID 3311	KAQLWVYLRPV
SEQ ID 3312	AQLWVYLRPVP
SEQ ID 3313	QLWVYLRPVPR
SEQ ID 3314	LWVYLRPVPRP
SEQ ID 3315	WVYLRPVPRPA
SEQ ID 3316	VYLRPVPRPAT
SEQ ID 3317	YLRPVPRPATV
SEQ ID 3318	LRPVPRPATVY
SEQ ID 3319	RPVPRPATVYL
SEQ ID 3320	PVPRPATVYLQ
SEQ ID 3321	VPRPATVYLQI
SEQ ID 3322	PRPATVYLQIL
SEQ ID 3323	RPATVYLQILR
SEQ ID 3324	PATVYLQILRL
SEQ ID 3325	ATVYLQILRLK
SEQ ID 3326	TVYLQILRLKPL
SEQ ID 3327	VYLQILRLKPL
SEQ ID 3328	YLQILRLKPLT
SEQ ID 3329	LQILRLKPLTG
SEQ ID 3330	QILRLKPLTGE
SEQ ID 3331	ILRLKPLTGEG
SEQ ID 3332	LRLKPLTGEGT
SEQ ID 3333	RLKPLTGEGTA
SEQ ID 3334	LKPLTGEGTAG
SEQ ID 3335	KPLTGEGTAGG
SEQ ID 3336	PLTGEGTAGGG

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TABLE 10-continued

SEQ ID 3337	LTGEGTAGGGG	
SEQ ID 3338	TGEGTAGGGGG	5
SEQ ID 3339	GEGTAGGGGGG	
SEQ ID 3340	EGTAGGGGGGR	
SEQ ID 3341	GTAGGGGGGRR	10
SEQ ID 3342	TAGGGGGGRRH	
SEQ ID 3343	AGGGGGGRRHI	
SEQ ID 3344	GGGGGGRRHIR	
SEQ ID 3345	GGGGRRRHIRI	15
SEQ ID 3346	GGGRRRHIRIR	
SEQ ID 3347	GGRRRHIRIRS	
SEQ ID 3348	GRRRHIRIRSL	20
SEQ ID 3349	GRRHIRIRSLK	
SEQ ID 3350	RRHIRIRSLKI	
SEQ ID 3351	RHIRIRSLKIE	25
SEQ ID 3352	HIRIRSLKIEL	
SEQ ID 3353	IRIRSLKIELH	
SEQ ID 3354	RIRSLKIELHS	30
SEQ ID 3355	IRSLKIELHSR	
SEQ ID 3356	RSLKIELHSRS	
SEQ ID 3357	SLKIELHSRSG	35
SEQ ID 3358	LKIELHSRSGH	
SEQ ID 3359	KIELHSRSGHW	
SEQ ID 3360	IELHSRSGHWQ	40
SEQ ID 3361	ELHSRSGHWQS	
SEQ ID 3362	LHSRSGHWQSI	
SEQ ID 3363	HSRSGHWQSID	45
SEQ ID 3364	SRSRSGHWQSIDF	
SEQ ID 3365	RSGHWQSIDFK	
SEQ ID 3366	SGHWQSIDFKQ	50
SEQ ID 3367	GHWQSIDFKQV	
SEQ ID 3368	HWQSIDFKQVL	
SEQ ID 3369	WQSIDFKQVLH	55
SEQ ID 3370	QSIDFKQVLHS	
SEQ ID 3371	SIDFKQVLHSW	
SEQ ID 3372	IDFKQVLHSWF	60
SEQ ID 3373	DFKQVLHSWFR	
SEQ ID 3374	FKQVLHSWFRQ	
SEQ ID 3375	KQVLHSWFRQP	
SEQ ID 3376	QVLHSWFRQPQ	65

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TABLE 10-continued

SEQ ID 3377	VLHSWFRQPQS
SEQ ID 3378	LHSWFRQPQSN
SEQ ID 3379	HSWFRQPQSNW
SEQ ID 3380	SWFRQPQSNWG
SEQ ID 3381	WFRQPQSNWGI
SEQ ID 3382	FRQPQSNWGIE
SEQ ID 3383	RQPQSNWGIEI
SEQ ID 3384	QPQSNWGIEIN
SEQ ID 3385	PQSNWGIEINA
SEQ ID 3386	QSNWGIEINAF
SEQ ID 3387	SNWGIEINAFD
SEQ ID 3388	NWGIEINAFDP
SEQ ID 3389	WGIEINAFDPS
SEQ ID 3390	GIEINAFDPSG
SEQ ID 3391	IEINAFDPSGT
SEQ ID 3392	EINAFDPSGTD
SEQ ID 3393	INAFDPSGTDL
SEQ ID 3394	NAFDPSGTDLA
SEQ ID 3395	AFDPSGTDLAV
SEQ ID 3396	FDPSTDLAVT
SEQ ID 3397	DPSGTDLAVTS
SEQ ID 3398	PSGTDLAVTSL
SEQ ID 3399	SGTDLAVTSLG
SEQ ID 3400	GTDLAVTSLGPG
SEQ ID 3401	TDLAVTSLGPG
SEQ ID 3402	DLAVTSLGPGA
SEQ ID 3403	LAVTSLGPGAEG
SEQ ID 3404	AVTSLGPGAEG
SEQ ID 3405	VTS LGPGAEG
SEQ ID 3406	TSLGPGAEGLH
SEQ ID 3407	SLGPGAEGLHP
SEQ ID 3408	LGPGAEGLHPF
SEQ ID 3409	GPGAEGLHPFM
SEQ ID 3410	PGAEGLHPFME
SEQ ID 3411	GAEGLHPFMEL
SEQ ID 3412	AEGLHPFMELR
SEQ ID 3413	EGLHPFMELRV
SEQ ID 3414	GLHPFMELRVL
SEQ ID 3415	LHPFMELRVLE
SEQ ID 3416	HPFMELRVLEN

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TABLE 10-continued

SEQ ID 3417	PFMELRVLENT	
SEQ ID 3418	FMELRVLENTK	5
SEQ ID 3419	MELRVLENTKR	
SEQ ID 3420	ELRVLENTKRS	
SEQ ID 3421	LRVLENTKRSR	10
SEQ ID 3422	RVLENTKRSRR	
SEQ ID 3423	VLENTKRSRRN	
SEQ ID 3424	LENTKRSRRNL	15
SEQ ID 3425	ENTKRSRRNLG	
SEQ ID 3426	NTKRSRRNLGL	
SEQ ID 3427	TKRSRRNLGLD	20
SEQ ID 3428	KRSRRNLGLDC	
SEQ ID 3429	RSRRNLGLDCD	
SEQ ID 3430	SRRNLGLDCDE	25
SEQ ID 3431	RRNLGLDCDEH	
SEQ ID 3432	RNLGLDCDEHS	
SEQ ID 3433	NLGLDCDEHSS	30
SEQ ID 3434	LGLDCDEHSSE	
SEQ ID 3435	GLDCDEHSSES	
SEQ ID 3436	LDCDEHSSESER	35
SEQ ID 3437	DCDEHSSESERC	
SEQ ID 3438	CDEHSSESERCC	40
SEQ ID 3439	DEHSSESERCCR	
SEQ ID 3440	EHSSESERCCRY	45
SEQ ID 3441	HSSESERCCRYP	
SEQ ID 3442	SSESERCCRYPL	
SEQ ID 3443	SESERCCRYPLT	50
SEQ ID 3444	ESRCCRYPLTV	
SEQ ID 3445	SRCCRYPLTVD	
SEQ ID 3446	RCCRYPLTVDF	55
SEQ ID 3447	CCRYPLTVDFE	
SEQ ID 3448	CRYPLTVDFEAF	
SEQ ID 3449	RYPLTVDFEAF	60
SEQ ID 3450	YPLTVDFEAFG	
SEQ ID 3451	PLTVDFEAFGW	
SEQ ID 3452	LTVDFEAFGWD	65
SEQ ID 3453	TVDFEAFGWDW	
SEQ ID 3454	VDFEAFGWDWI	
SEQ ID 3455	DFEAFGWDWII	
SEQ ID 3456	FEAFGWDWIIA	

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TABLE 10-continued

SEQ ID 3457	EAFGWDWIIAP
SEQ ID 3458	AFGWDWIIAPK
SEQ ID 3459	FGWDWIIAPKR
SEQ ID 3460	GWDWIIAPKRY
SEQ ID 3461	WDWIIAPKRYK
SEQ ID 3462	DWIIAPKRYKA
SEQ ID 3463	WIIAPKRYKAN
SEQ ID 3464	IIAPKRYKANY
SEQ ID 3465	IAPKRYKANYC
SEQ ID 3466	APKRYKANYCS
SEQ ID 3467	PKRYKANYCSG
SEQ ID 3468	KRYKANYCSGQ
SEQ ID 3469	RYKANYCSGQC
SEQ ID 3470	YKANYCSGQCE
SEQ ID 3471	KANYCSGQCEY
SEQ ID 3472	ANYCSGQCEYM
SEQ ID 3473	NYCSGQCEYMF
SEQ ID 3474	YCSGQCEYFMF
SEQ ID 3475	CSGQCEYFMFMQ
SEQ ID 3476	SGQCEYFMFMQK
SEQ ID 3477	GQCEYFMFMQKY
SEQ ID 3478	QCEYFMFMQKYP
SEQ ID 3479	CEYFMFMQKYPH
SEQ ID 3480	EYFMFMQKYPHT
SEQ ID 3481	YFMFMQKYPHTH
SEQ ID 3482	FMFMQKYPHTHL
SEQ ID 3483	FMQKYPHTHLV
SEQ ID 3484	MQKYPHTHLVQ
SEQ ID 3485	QKYPHTHLVQQ
SEQ ID 3486	KYPHTHLVQQA
SEQ ID 3487	YPHTHLVQQAN
SEQ ID 3488	PHTHLVQQANP
SEQ ID 3489	HHLVQQANPR
SEQ ID 3490	THLVQQANPRG
SEQ ID 3491	HLVQQANPRGS
SEQ ID 3492	LVQQANPRGSA
SEQ ID 3493	VQQANPRGSAG
SEQ ID 3494	QQANPRGSAGP
SEQ ID 3495	QANPRGSAGPC
SEQ ID 3496	ANPRGSAGPCC

TABLE 10-continued

SEQ ID 3497	NPRGSAGPCCT
SEQ ID 3498	PRGSAGPCCTP
SEQ ID 3499	RGSAGPCCTPT
SEQ ID 3500	GSAGPCCTPTK
SEQ ID 3501	SAGPCCTPTKM
SEQ ID 3502	AGPCCTPTKMS
SEQ ID 3503	GPCCTPTKMSP
SEQ ID 3504	PCCTPTKMSP I
SEQ ID 3505	CCTPTKMSPIN
SEQ ID 3506	CTPTKMSPINM
SEQ ID 3507	TPTKMSPINML
SEQ ID 3508	PTKMSPINMLY
SEQ ID 3509	TKMSPINMLYF
SEQ ID 3510	KMSPINMLYFN
SEQ ID 3511	MSPINMLYFND
SEQ ID 3512	SPINMLYFNDK
SEQ ID 3513	PINMLYFNDKQ
SEQ ID 3514	INMLYFNDKQQ
SEQ ID 3515	NMLYFNDKQQI
SEQ ID 3516	MLYFNDKQQII
SEQ ID 3517	LYFNDKQQI IY
SEQ ID 3518	YFNDKQQI IYG
SEQ ID 3519	FNDKQQI IYGK
SEQ ID 3520	NDKQQI IYGKI
SEQ ID 3521	DKQQI IYGKIP
SEQ ID 3522	KQQI IYGKIPG
SEQ ID 3523	QQI IYGKIPGM
SEQ ID 3524	QI IYGKIPGMV
SEQ ID 3525	I IYGKIPGMVV
SEQ ID 3526	IYGKIPGMVVD
SEQ ID 3527	YGKIPGMVVDR
SEQ ID 3528	GKIPGMVVDR C
SEQ ID 3529	KIPGMVVDR CG
SEQ ID 3530	IPGMVVDR CGC
SEQ ID 3531	PGMVVDR CGCS

One aspect of the invention provides an active agent comprising a peptide comprising an amino acid sequence derived from GDF-11 having the following sequence:

(SEQ ID NO: 1193)
AAAGVG (Ala-Ala-Ala-Gly-Val-Gly).

Another aspect of the invention provides an active agent comprising a peptide comprising an amino acid sequence derived from GDF-11 having the following sequence:

(SEQ ID NO: 1581)
AEGPAAA (Ala-Glu-Gly-Pro-Ala-Ala-Ala)

Yet another aspect of the invention provides an active agent comprising a peptide comprising an amino acid sequence derived from GDF-11 having the following sequence:

(SEQ ID NO: 3338)
TGEGTAGGGGG (Thr-Gly-Glu-Gly-
Thr-Ala-Gly-Gly-Gly-Gly).

In some embodiments, the peptides may comprise one, two, three or more conservative substitutions of amino acids. As used herein, a “conservative substitution” is one in which substitution of one amino acid for another does not impair the function of the peptide, including substitution of an amino acid having a side chain of a certain nature (e.g., acidic, basic, aromatic, aliphatic uncharged, non-polar uncharged, hydrophilic uncharged) by another amino acid having a side chain of the same nature. Examples of conservative substitutions are shown below in Table 11.

TABLE 11

Conservative Substitutions	
Acidic Residues	Asp (D) and Glu (E)
Basic Residues	Lys (K), Arg (R), and His (H)
Hydrophilic Uncharged Residues	Ser (S), Thr (T), Asn (N), and Gln (Q)
Aliphatic Uncharged Residues	Gly (G), Ala (A), Val (V), Leu (L), and Ile (I)
Non-polar Uncharged Residues	Cys (C), Met (M), and Pro (P)
Aromatic Residues	Phe (F), Tyr (Y), and Trp (W)

In some embodiments, the peptides may comprise one, two, three or more (e.g., one, two, three, etc.) non-natural and/or non-proteinogenic amino acids substituted or in place a comparable number of amino acids in SEQ ID NOs. 2-3531. In some embodiments, the peptides of the invention may comprise modified variants of SEQ ID NOs 2-3531 wherein at least one of the amino acids is replaced by the “D” (dextrorotary) analogue of the natural “L” optical isomer found in SEQ ID Nos 2-3531. In another embodiment, at least one (e.g., one, two, three, etc.) of the amino acids found in SEQ ID Nos. 2-2531 are replaced with a non-naturally occurring and/or non-proteogenic amino acid according to Formulas (III) or (IV) as detailed below.

In one embodiment, the peptide sequence will comprise at least three consecutive alanine residues. In one embodiment, the peptide sequence will comprise at least three consecutive glycine residues.

The peptides of the invention can be modified to improve the lipophilicity, stability, or to enhance penetration through the stratum corneum. In some embodiments, the peptides are modified with a fatty acid chain (e.g., C₆₋₂₂), such as palmitoyl. In some embodiments, at least one of the nitrogen atoms in the amide bonds between adjacent amino acids may be methylated to improve metabolic stability. The peptides may also be phosphorylated, for example by forming one or more phosphoserine, phosphothreonine and/or phosphotyrosine residues.

In some embodiments, the modified peptides will have the structure according to Formula (I):



where Ω represents a peptide of the invention (e.g., comprising any of SEQ ID 2-3531) and R_1 and R_2 are independently either absent or are selected from hydrogen or C_{1-26} (C_{1-6} or C_{6-12} or C_{12-18} or C_{18-22}) hydrocarbons, optionally substituted with a group X_1 or with 1-20 (or 1-10 or 1-6 or 1-3) heteroatoms selected from halogen (e.g., fluorine), oxygen, nitrogen, phosphorous, sulfur, silicon and combinations thereof (more typically, oxygen and nitrogen). In some embodiments, one of R_1 and R_2 is a C_{1-26} hydrocarbon. In some embodiments, only one of R_1 and R_2 is a C_{1-26} hydrocarbon. In some embodiments, one of R_1 and R_2 is a C_{1-26} hydrocarbon selected from the group consisting of alkyl, alkenyl, alkynyl, aryl, alkyl-aryl (e.g., benzyl), and aryl-alkyl optionally substituted with halogen (e.g., fluorine), oxygen, nitrogen, phosphorous, sulfur, and combinations thereof, in various embodiments comprising heteroatoms selected from halogen (e.g., fluorine), oxygen, nitrogen, phosphorous, sulfur, and combinations thereof, in various embodiments comprising from 1-10 or 1-6 or 1-3 heteroatoms. In some embodiments, R_1 and/or R_2 may comprise a group of the form $R-(C=O)-$, where R is a C_{1-25} hydrocarbon as described above. In one embodiment, R_1 and/or R_2 may comprise an acyl group, for example, one having the form $CH_3-(CH_2)_n-(C=O)-$ where "n" is an integer from 0-25 (e.g., zero or from 7-17). In one embodiment, R_1 and/or R_2 may comprise an acetyl group of the form $CH_3-(C=O)-$. In one embodiment, R_1 and/or R_2 may comprise a palmitoyl group of the form $CH_3-(CH_2)_{14}-(C=O)-$. R_1 and/or R_2 may be attached to a nitrogen atom on the peptide so thereby form an amide bond of the form $\Omega-NH-(C=O)-R$, formed, for example, through the reaction of an acid of the form $R-(C=O)-OH$ (or activated derivative of the acid) with a nitrogen atom on the N-terminal amino group of the peptide or a nitrogen atom on a side chain (e.g., lysine) of the peptide. In some embodiments, R_1 and/or R_2 may be attached to the peptide through an amide bond of the form $\Omega-(C=O)-NH-R$, formed, for example, by reaction of an amine of the form $R-NH$ with the carboxyl terminus of the peptide or on a carboxyl-containing side chain (e.g., aspartic acid or glutamic acid). In some embodiments, R_1 and/or R_2 may be attached to the peptide through an ester bond of the form $\Omega-(C=O)-O-R$, formed, for example, through the reaction of an alcohol of the form $R-OH$ with the carboxyl terminus of the peptide or carboxyl side chain (e.g., aspartic acid or glutamic acid). In some embodiments, R_1 and/or R_2 may be attached to the peptide through an ester bond of the form $\Omega-O-(C=O)-R$, formed, for example, by the reaction of an acid of the form $R-(C=O)-OH$ with a hydroxyl group on an amino acid side chain (e.g., serine or threonine). In any case where an acid is reacted, the acid may first be activated according to conventional practice by first converting it to an anhydride, acid halide, or activated ester, such as an N-hydroxysuccinimide ester, etc. It is also contemplated that R_1 and/or R_2 may be attached to the peptide through thioester bonds of the form $\Omega-S-(C=O)-R$, thioether bonds of the form $\Omega-S-R$, ether bonds of the form $\Omega-O-R$, and amines of the form of the form $\Omega-NR^N-R$, to name but a few non-limiting examples. In various embodiments, R may be branched (e.g., ethylhexyl), cyclic, or straight chained. R and R^N may be, without limitation methyl, ethyl, propyl, butyl, pentyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl, dodecyl, or C_{13} , or C_{14} , or C_{15} , or

C_{16} , or C_{17} , or C_{18} , or C_{19} , or C_{20} , or C_{21} , or C_{22} , or C_{23} , or C_{24} , or C_{25} , or C_{26} alkyl, akenyl, or akynyl, etc. optionally substituted with a group X_1 or heteroatoms selected from halogen (e.g., fluorine), oxygen, nitrogen, phosphorous, sulfur, silicon, and combinations thereof, in various embodiments comprising from 1-10 or 1-6 or 1-3 heteroatoms. Any of the groups R , R_1 , R_2 and R^N may be further substituted with from 1-3 groups X_1 where X_1 is selected independently at each occurrence from hydrogen, $-F$; $-Cl$; $-Br$; $-I$; $-OH$; $-OR^*$; $-NH_2$; $-NHR^*$; $-N(R^*)_2$; $-N(R^*)_3^+$; $-N(R^*)-OH$; $-N(\rightarrow O)(R^*)_2$; $-O-N(R^*)_2$; $-N(R^*)-O-R^*$; $-N(R^*)-N(R^*)_2$; $-C=N-R^*$; $-N=C(R^*)_2$; $-C=N-N(R^*)_2$; $-C(=NR^*)-N(R^*)_2$; $-SH$; $-SR^*$; $-CN$; $-NC$; $-(C=O)-R^*$; $-CHO$; $-CO_2H$; $-CO_2-$; $-CO_2R^*$; $-(C=O)-S-R^*$; $-O-(C=O)-H$; $-O-(C=O)-R^*$; $-S-(C=O)-R^*$; $-(C=O)-NH_2$; $-(C=O)-N(R^*)_2$; $-(C=O)-NHNH_2$; $-O-(C=O)-NHNH_2$; $-(C=S)-NH_2$; $-(C=S)-N(R^*)_2$; $-N(R^*)-CHO$; $-N(R^*)-(C=O)-R^*$; $-(C=NR)-O-R^*$; $-O-(C=NR)-R^*$; $-SCN$; $-NCS$; $-NSO$; $-SSR^*$; $-N(R^*)-C(=O)-N(R^*)_2$; $-N(R^*)-C(=S)-N(R^*)_2$; $-SO_2-R^*$; $-O-S(=O)_2-R^*$; $-S(=O)_2-OR^*$; $-N(R^*)-SO_2-R^*$; $-SO_2-N(R^*)_2$; $-O-SO_3-R^*$; $-O-S(=O)_2-OR^*$; $-O-S(=O)-OR^*$; $-O-S(=O)-R^*$; $-S(=O)-OR^*$; $-S(=O)-R^*$; $-NO$; $-NO_2$; $-NO_3$; $-O-NO$; $-O-NO_2$; $-N_3$; $-N_2-R^*$; $-N(C_2H_4)$; $-Si(R^*)_3$; $-CF_3$; $-O-CF_3$; $-PR^*_2$; $-O-P(=O)(OR^*)_2$; $-P(=O)(OR^*)_2$, C_{1-8} perfluoroalkyl; an aliphatic C_{1-8} hydrocarbon radical; a C_{1-8} aromatic hydrocarbon radical; or a C_{1-8} heteroaryl radical. R^* is a C_{1-10} hydrocarbon, such as methyl, ethyl, propyl, butyl, pentyl, hexyl, benzyl, phenyl, etc. Any two of R , R^N , R_1 , and R_2 may together form a 3-8 membered, optionally heterocyclic ring.

In some embodiments, R_1 or R_2 is attached covalently to the terminal carboxyl group. In some embodiments, R_1 and/or R_2 is attached to the terminal amino group. In some embodiments, R_1 and/or R_2 is attached to a side chain having a nitrogen, oxygen, or sulfur atom.

In some embodiments, R_1 and/or R_2 promotes adhesion to or penetration of an integument. In some embodiments, R_1 and/or R_2 comprise biotin, a beta-keto ester, or a polyarginine sequence (e.g., having 3-15 arginines).

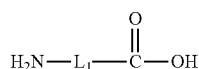
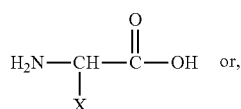
The peptide can be pegylated to enhance water-solubility. In some embodiments, R_1 and/or R_2 have the form $-(OCH_2CH_2)_y-Z$ or $-(CH_2CH_2O)_y-Z$, where "y" is an integer from 1-20 (or from 1-10 or from 1-6 or from 1-3) and Z is H, R_3 , X_1 , or R_4-X_1 , where R_3 and R_4 are independently branched, straight chained, or cyclic C_{1-6} hydrocarbons (e.g., methyl, ethyl, propyl, methylene, $-(CH_2)_n-$ ($n=1-6$), etc.). In some embodiments, R_1 and/or R_2 comprise mini-PEG (i.e., 11-amino-3,6,9-trioxadecanoic acid).

The peptides Ω of the invention can be modified to improve stability or function by incorporating one or more additional amino acids to either or both ends of SEQ ID NO: 2-3531 according to Formula (II):



where Φ represents a peptide of the invention (e.g., a peptide comprising any of SEQ ID NO: 2-3531) and Ψ_1 and Ψ_2 are independently either absent or are selected from hydrogen, an amino acid, a non-natural amino acid, a non-proteinogenic amino acid, a di- or tri-peptide, or combinations thereof. Suitable amino acids include without limitation, Alanine, Cysteine, Aspartic acid, Glutamic acid, Phenylalanine, Glycine, Histidine, Isoleucine, Lysine, Leucine, Methionine, Asparagine, Pyrrolysine, Proline, Glutamine,

Arginine, Serine, Threonine, Selenocysteine, Valine, Tryptophan, and Tyrosine. Each of the foregoing (except glycine) may be in the "L" or "D" optical isomeric configurations. The non-natural amino acid or non-proteinogenic amino acids may be, for example, a dextrorotary "D" optical isomer of a naturally occurring L-amino acid. The non-natural amino acid or non-proteinogenic amino acids may, for example, have the structure of formula (III) or (IV):



where X is selected from X₁, C₁₋₂₆ (C₁₋₆ or C₆₋₁₂ or C₁₂₋₁₈ or C₁₈₋₂₂) hydrocarbons, optionally substituted with a group X₁ or with from 1-20 (or 1-10 or 1-6 or 1-3) heteroatoms selected from halogen (e.g., fluorine, chlorine, bromine, iodine), oxygen, nitrogen, phosphorous, sulfur, silicon and combinations thereof. In some embodiments, X is ethyl, propyl, butyl, pentyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl, dodecyl. In some embodiments, X is C₁₋₁₂ or C₂₆ alkyl, akenyl, akynyl, aryl, aryl-alkyl, alkyl-aryl, alkyl-aryl-alkyl, heteroaryl, alkyl-heteroaryl, heteroaryl-alkyl, alkyl-heteroaryl-alkyl, etc., optionally substituted with X₁, or with 1-20 (or 1-10 or 1-6 or 1-3) heteroatoms selected from halogen (e.g., fluorine), oxygen, nitrogen, phosphorous, sulfur, and combinations thereof. In some embodiments, X comprises a fused ring system having two, three, or more 5- or 6-membered rings. L₁ is a hydrocarbon spacer comprising from 1-20 carbon atoms and optionally substituted with a group X₁ or from 1-20 (or 1-10 or 1-6 or 1-3) heteroatoms selected from halogen (e.g., fluorine, chlorine, bromine, iodine), oxygen, nitrogen, phosphorous, sulfur, silicon and combinations thereof. In some embodiments, L₁ will have the form —(CH₂)_p— where "p" is an integer from 1-20 or from 1-10 or from 1-6. In some embodiments, L₁ will comprise from 1-6 oxo or oxa groups. In one embodiment, the amino acid of formula (IV) is aminoethanoic acid, aminopropionic acid, aminobutyric acid, aminovaleric acid, aminocaproic acid, aminoanthic acid, aminocaprylic acid, amino pelargonic acid, or aminocapric acid. In one embodiment, Ψ₁ and/or Ψ₂ comprises lysyl-aminovaleric acid or aminovaleric acid-lysyl. In some embodiments either terminus may be functionalized with an amino acid of the form H₂N—(CH₂)_q—CO₂H where "q" is an integer from 1-10, including amino valeric acid. In some embodiments, a lysine-amino valeric acid group is added at either terminus through a peptide bond. In some embodiments, Ψ₁ and/or Ψ₂ comprise oligomers having 2-16 or 2-8 or 2-6 or 2-4 amino acids, for example, naturally occurring amino acids. The peptides can also be cyclized.

The peptides of formula (II) may further be modified according to formula (I) such that they have the form of formula (V):



wherein, any of R₁, R₂, Ψ₁, and Ψ₂ may be absent but are otherwise defined as above.

Peptides of the invention may have one or more additional amino acids joined to the amino and/or carboxy terminus via

peptide bonds. For example, polyarginine (n=2-15) may be beneficially used to enhance penetration of the peptide into skin. In some embodiments, the peptides will comprise a hydrocarbon chain on the amino and/or carboxyl terminus, including, without limitation, C₁₋₂₄ or C₆₋₁₈ or C₁₂₋₁₈ aliphatic hydrocarbons, which may be straight chained or branched or cyclic. In some embodiments, the peptides include the reaction product of a peptide with a fatty acid or fatty alcohol. A fatty acid or alcohol, as used herein, contains 6-26 carbon atoms. For example, the N-terminus may be reacted with a C₆₋₂₄ fatty acid (e.g., palmitic acid) to form an amide bond. The carboxyl terminus may be reacted with a C₆₋₂₄ fatty alcohol (e.g., cetyl alcohol) to form an ester. These fatty derivatives may improve the lipophilicity of the peptide.

Typically acceptable salts and prodrugs (collectively "derivatives") of the peptides of the invention are also suitable. Salts will typically be acid addition salts formed by the reaction of the peptide with an inorganic or an organic acid. Inorganic acids include mineral acids such as HCl and H₂SO₄, and the like. Organic acids include citric, benzoic, tartaric, malic, maleic, succinic, acetic, and propionic acid. The peptides may exist in zwitterionic form. Prodrugs include any esters or amides that hydrolyze in vivo to yield the peptide. Examples of suitable prodrugs can be found in the book entitled "Prodrugs and Targeted Delivery: Towards Better ADME Properties," Volume 47 (2011), published by WILEY-VCH Verlag & Co, which is herein incorporated by reference in its entirety. In one embodiment, the prodrug is formed by reacting the peptide with glyoxylic acid to produce peptidyl-α-hydroxyglycine derivatives having improved stability. In other embodiment the prodrugs may include terminal N-acetyl derivatives, side chain N-acetyl derivatives, N-hydroxy methylation or N-phthalidation of its N-terminus and/or side chain.

It is within the skill in the art to prepare peptides using, for example, conventional protection and activation chemistry. Typically, the amino functionality of a first amino acid is protected with a removable amino protecting group and the carboxyl functionality of a second amino acid is protected with a removable carboxyl protecting group. Suitable amine protecting groups include, without limitation, benzoyloxycarbonyl (Cbz), tert-butoxycarbonyl (t-Boc), and 9-flourenylmethoxycarbonyl (Fmoc). The carboxyl group may be protected by forming an acid or base labile ester such as a methyl, ethyl, benzyl, or trimethylsilyl esters. After protection, the first and second amino acids are reacted in a suitable solvent such as water or DMF in the presence of an in situ activating agent such as N,N'-dicyclohexylcarbodiimide (DCCI), diisopropylcarbodiimide (DIPCDI), or 1-ethyl-3-(3'-dimethylaminopropyl)carbodiimide (EDCI) to effect peptide bond formation. Reactive moieties on the side chains of either amino acid are protected with protecting groups such as tert-butyl or benzyl for OH and SH; methyl, ethyl, tert-butyl or benzyl for carboxyl groups, and 2,2,5,7,8-pentamethylchroman-6-sulfonyl for the NHC(NH₂)=NH functionality of Arg. Following the coupling reaction, selective deprotection of the amino group of the first amino acid is accomplished by acid hydrolysis under conditions that do not remove the carboxyl protecting group of the second amino acid. The procedure is repeated with additional amino protected amino acids. Solid phase synthesis, such as the well-known Merrifield method, is especially useful for synthesizing the peptides of the invention. Lysine-amino valeric acid (K-ava) derivatives are described in U.S. Pat. No. 8,551,956, the disclosure of which is hereby incorporated by reference.

Topical Compositions

The compositions according to the invention may be formulated in a variety of forms for topical application and will typically comprise from about 0.000001% by weight to about 20% by weight of the peptide. More typically, the peptide will comprise from about 0.00001% by weight to about 10% by weight, and more preferably from about 0.00001% by weight to about 5% by weight of the composition. In one embodiment, the active peptide or a fragment or derivative thereof will comprise from about 0.001% by weight to about 1% by weight or from about 0.001% by weight to about 0.1% by weight of the composition. The compositions may comprise an effective amount of the peptide, by which is meant an amount sufficient to stimulate production of collagen in the skin. In other embodiments, the amount of peptide or derivative thereof will be sufficient to diminish the appearance of dermatological signs of aging in a given area of skin when topically applied thereto daily for a period of at least eight weeks.

The peptides of the invention (e.g., comprising any of SEQ ID NOs: 2-3531) are provided in physiologically acceptable vehicles or carriers. The vehicle may be either hydrophobic or hydrophilic. Suitable, hydrophobic carriers include, for example, waxy non-ionic substances commonly used in cosmetics, such as esters and ethers of fatty alcohols and of fatty acids, with carbon chain length from C₄ to C₂₂, typically from C₈ to C₁₈, or from C₁₂ to C₁₈.

Examples of fatty hydrophobic carriers include isopropyl myristate, isopropyl palmitate, octyl palmitate, isopropyl lanolate, acetylated lanolin alcohol, the benzoate of C₁₂-C₁₅ alcohols, cetearyl octanoate, cetyl palmitate, myristyl myristate, myristyl lactate, cetyl acetate, propylene glycol dicaprylate/caprate, decyl oleate, acetylated lanolin, stearyl heptanoate, diisostearyl malate, octyl hydroxystearate, octyl hydroxystearate, isopropyl isostearate, and the like.

Suitable hydrophilic carriers may comprise, for example, water, lower alcohols (C₁₋₆) such as ethanol, mixtures of ethanol and water, glycols, and alkoxyated glycols commonly used in cosmetics, including ethylene glycol, diethylene glycol, triethylene glycol, propylene glycol, dipropylene glycol, and the like.

The typically acceptable vehicle may be in the form of an emulsion. Non-limiting examples of suitable emulsions include water-in-oil emulsions, oil-in-water emulsions, silicone-in-water emulsions, water-in-silicone emulsions, wax-in-water emulsions, water-oil-water triple emulsions or the like having the appearance of a cream, gel or microemulsions. As used herein, the term "oil" includes silicone oils unless otherwise indicated. The emulsion may include an emulsifier, such as a nonionic, anionic or amphoteric surfactant, or a gellant, typically in an amount from about 0.001% to about 5% by weight.

The typically acceptable vehicle may include water; vegetable oils; mineral oils; ester oils; ethers such as dicapryl ether and dimethyl isosorbide; alcohols such as ethanol and isopropanol; fatty alcohols such as cetyl alcohol, cetearyl alcohol, stearyl alcohol and behenyl alcohol; isoparaffins such as isooctane, isododecane (IDD) and isohexadecane; silicone oils such as cyclomethicone, dimethicone, dimethicone cross-polymer, polysiloxanes and their derivatives, including PDMS, dimethicone copolyol, dimethiconols, and amodimethiconols; hydrocarbon oils such as mineral oil, petrolatum, isoeicosane and polyolefins, e.g., (hydrogenated) polyisobutene; polyols such as propylene glycol, glycerin, butylene glycol, pentylene glycol, hexylene glycol, caprylyl glycol; waxes such as beeswax, carnauba, ozokerite, microcrystalline wax, polyethylene wax, and botanical

waxes; or any combinations or mixtures of the foregoing. Aqueous vehicles may include one or more solvents miscible with water, including lower alcohols, such as ethanol, isopropanol, and the like. The vehicle may comprise from about 50% to about 99% by weight of the composition. In some embodiments, the compositions are anhydrous.

In one embodiment of the invention, the compositions may include one or more additional skin actives, including but not limited to, retinoids, botanicals, keratolytic agents, desquamating agents, keratinocyte proliferation enhancers, collagenase inhibitors, elastase inhibitors, depigmenting agents, anti-inflammatory agents, steroids, anti-acne agents, antioxidants, and advanced glycation end-product (AGE) inhibitors, to name but a few. The amounts of these various ingredients are those conventionally used in the cosmetic field to achieve their intended purpose, and range individually or collectively typically from about 0.001 wt % to about 20 wt % by weight of the composition. The nature of these ingredients and their amounts must be compatible with the production and function of the compositions of the disclosure.

Exemplary anti-aging components include, without limitation, botanicals (e.g., *Butea frondosa* extract, *Tiliacora triandra* extract, *Portulaca oleracea*, *Melicope elleryana*, etc.); phytol; phytonic acid; retinoids; hydroxy acids (including alpha-hydroxy acids and beta-hydroxy acids), salicylic acid and alkyl salicylates; exfoliating agents (e.g., glycolic acid, 3,6,9-trioxaundecanedioic acid, etc.), estrogen synthetase stimulating compounds (e.g., caffeine and derivatives); compounds capable of inhibiting 5 alpha-reductase activity (e.g., linolenic acid, linoleic acid, finasteride, and mixtures thereof); and barrier function enhancing agents (e.g., ceramides, glycerides, cholesterol and its esters, alpha-hydroxy and omega-hydroxy fatty acids and esters thereof, etc.), to name a few.

Exemplary retinoids include, without limitation, retinoic acid (e.g., all-trans, or 9-cis, or 13-cis), and derivatives thereof, retinaldehyde, retinol (Vitamin A) and esters thereof, such as retinyl palmitate, retinyl acetate and retinyl propionate, and salts thereof. Particular mention may be made of retinol. When present, the retinoids will typically be included in amounts from about 0.0001% to about 5% by weight, more typically from about 0.01% to about 2.5% by weight, or from about 0.1% to about 1.0% by weight. Compositions according to this embodiment will typically include an antioxidant such as ascorbic acid and/or BHT and/or a chelating agent such as EDTA or a salt thereof (e.g., disodium EDTA) in amounts effective to stabilize the retinoid (e.g., 0.0001%-5%). The composition may include from 0.001-10% by weight phytol.

In another embodiment, the topical compositions of the present invention may also include one or more of the following: a skin penetration enhancer; an emollient, such as isopropyl myristate, petrolatum, volatile or non-volatile silicones oils (e.g., methicone, dimethicone), ester oils, mineral oils, and fatty acid esters; a humectant, such as glycerin, hexylene glycol or caprylyl glycol; a skin plumper, such as palmitoyl oligopeptide, collagen, collagen and/or glycosaminoglycan (GAG) enhancing agents; an exfoliating agent; and an antioxidant.

Suitable exfoliating agents include, for example, alpha-hydroxy acids, beta-hydroxy acids, oxa-acids, oxadiacids, and their derivatives such as esters, anhydrides and salts thereof. Suitable hydroxy acids include, for example, glycolic acid, lactic acid, malic acid, tartaric acid, citric acid, 2-hydroxyalkanoic acid, mandelic acid, salicylic acid and derivatives thereof. One exemplary exfoliating agent is

glycolic acid. When present, the exfoliating agent may comprise from about 0.001% to about 20% by weight of the composition.

Examples of antioxidants that may be used in the present compositions include compounds having phenolic hydroxy functions, such as ascorbic acid and its derivatives/esters; beta-carotene; catechins; curcumin; ferulic acid derivatives (e.g., ethyl ferulate, sodium ferulate); gallic acid derivatives (e.g., propyl gallate); lycopene; reductic acid; rosmarinic acid; tannic acid; tetrahydrocurcumin; tocopherol and its derivatives, including tocopheryl acetate; uric acid; or any mixtures thereof. Other suitable antioxidants are those that have one or more thiol functions (—SH), in either reduced or non-reduced form, such as glutathione, liponic acid, thioglycolic acid, and other sulfhydryl compounds. The antioxidant may be inorganic, such as bisulfites, metabisulfites, sulfites, or other inorganic salts and acids containing sulfur. In one embodiment, the composition comprises thiodipropionic acid or a mono- or diester thereof such as dilauryl thiodipropionic acid. Antioxidants may comprise, individually or collectively, from about 0.001% to about 10% (w/w), or from about 0.01% to about 5% (w/w) of the total weight of the composition.

Other additives include: vitamins, such as tocopherol and ascorbic acid; vitamin derivatives such as ascorbyl monopalmitate, tocopheryl acetate, and Vitamin E palmitate; thickeners such as hydroxyalkyl cellulose, carboxymethylcellulose, carbomers, and vegetable gums such as xanthan gum; gelling agents, such as ester-terminated polyester amides; structuring agents; metal chelating agents such as EDTA or salts thereof; fillers and powders, colorants, pH adjusters (citric acid, ethanolamine, sodium hydroxide, etc.); film formers, moisturizers, minerals, viscosity and/or rheology modifiers, anti-acne agents, anti-inflammatories, depigmenting agents, pharmaceutical agents, surfactants, botanicals, sunscreens, insect repellents, skin cooling compounds, skin protectants, conditioners, lubricants, fragrances, excipients, preservatives, stabilizers, emulsifiers, and mixtures thereof. The foregoing may individually or collectively comprise from about 0.0001% to about 20% by weight of the composition.

Details with respect to these and other suitable cosmetic ingredients can be found in the "International Cosmetic Ingredient Dictionary and Handbook," 10th Edition (2004), published by the Cosmetic, Toiletry, and Fragrance Association (CTFA), at pp. 2177-2299, which is herein incorporated by reference in its entirety. The amounts of these various substances are those that are conventionally used in the cosmetic or pharmaceutical fields, for example, they can constitute individually or in the aggregate, from about 0.01% to about 20% of the total weight of the composition.

A sunscreen may be included to protect the skin from damaging ultraviolet rays. The sunscreen may provide both UVA and UVB protection, by using either a single sunscreen or a combination of sunscreens. Among the sunscreens that can be employed in the present compositions are avobenzone, cinnamic acid derivatives (such as octylmethoxy cinnamate), octyl salicylate, homosalate, oxybenzone, octocrylene, titanium dioxide, zinc oxide, or any mixtures thereof. The sunscreen may be present from about 1 wt % to about 30 wt % of the total weight of the composition.

In one embodiment, the topical composition will have a pH range from 1 to 13, with a pH in the range of from 2 to 12 being typical. In some embodiment, the composition will have a pH in the range of from 3.5 to 7 or from 7-10.5. In some embodiments, the pH will be in the range of 3-4, or 4-5, or 5-6, or 6-7, or 7-8, or 8-9, or 9-10, or 10-11, or 11-12.

Suitable pH adjusters such as sodium hydroxide, citric acid and triethanolamine may be added to bring the pH within the desired range.

Another embodiment of the present disclosure is directed to the delivery of the described compositions by the use of targeted delivery systems, for example, liposomes, microspheres (see, e.g., U.S. Pat. No. 5,770,222 to Unger et al.), and the like, so that the components and/or active constituents can more readily reach and affect the subcutaneous layer of the area of application, e.g., face or neck, or the other area of the skin.

The compositions may be formulated in a variety of product forms, such as, for example, a lotion, cream, serum, spray, aerosol, cake, ointment, essence, gel, paste, patch, pencil, towelette, mask, stick, foam, elixir, concentrate, and the like, particularly for topical administration. The composition is typically formulated as a lotion, cream, ointment, serum, or gel.

Methods of Treatment

The invention also provides a method for ameliorating and/or preventing signs of human skin photo- and intrinsic aging comprising topically applying the compositions of the invention. The compositions of the invention are preferably applied to affected skin areas once or twice daily for as long as is necessary to achieve desired anti-aging results. In one embodiment, the compositions of the invention will be applied to the skin in an amount from about 0.001 to about 100 mg/cm², more typically from about 0.01 to about 20 mg/cm², or from about 0.1 to about 10 mg/cm².

In some embodiments, methods for enhancing the production of pro-collagen, collagen and/or HA in human skin comprise topically applying to an area of the skin in need thereof (e.g., sagging skin, thinning skin, skin suffering from wrinkles and fine lines, etc.) a topical composition comprising a topically acceptable vehicle, and an effective amount of a peptide of the invention (e.g., comprising any of SEQ ID NOs: 2-3531), for a time sufficient to enhance the levels of pro-collagen, collagen, and/or HA in the dermis. The treatment may be at least once or twice daily and may last for a period of at least four weeks, typically at least eight weeks, twelve weeks, or longer.

In another aspect of the invention, the compositions are applied topically to improve the aesthetic appearance of human skin. The method comprises topically applying to an area of the skin in need thereof a composition comprising an effective amount of a peptide of the invention (e.g., comprising any of SEQ ID NOs: 2-3531) for a time sufficient to improve the aesthetic appearance of said human skin. The composition may optionally further comprise a retinoid (e.g., from 0.0001-5%) and/or an alpha-hydroxy acid (e.g., glycolic acid) (e.g., from 0.0001-25%) and/or a beta-hydroxy acid (e.g., salicylic acid or a derivative) (e.g., from 0.0001-15%).

The improvement in aesthetic appearance of human skin may be an improvement of any attribute or characteristic of skin, including without limitation:

- (a) treatment, reduction, and/or prevention of fine lines or wrinkles;
- (b) reduction of skin pore size;
- (c) improvement in skin thickness, plumpness, and/or tautness;
- (d) improvement in skin smoothness, suppleness and/or softness;
- (e) improvement in skin tone, radiance, and/or clarity;
- (f) improvement in procollagen, and/or collagen production;

- (g) improvement in maintenance and remodeling of elastin;
- (h) improvement in skin texture and/or promotion of retexturization;
- (i) improvement in skin barrier repair and/or function;
- (j) improvement in appearance of skin contours;
- (k) restoration of skin luster and/or brightness;
- (l) replenishment of essential nutrients and/or constituents in the skin;
- (m) improvement of skin appearance decreased by aging and/or menopause;
- (n) improvement in skin moisturization;
- (o) increase in skin elasticity and/or resiliency;
- (p) treatment, reduction, and/or prevention of skin sagging;
- (q) improvement in skin firmness; and
- (r) reduction of pigment spots and/or mottled skin; and
- (s) improvement of optical properties of skin by light diffraction or reflection.

As used herein, "aesthetic improvement" may be measured by evaluation of before and after pictures by panels of dermatologists, or by other objective measures known in the art.

In a related implementation, a method is provided for the treatment of wrinkles and/or fine lines on the skin human skin (typically, skin of the face) comprising topically applying to an area of the skin in need thereof (e.g., applying to a wrinkle or fine line) a composition comprising a peptide of the invention (e.g., comprising any of SEQ ID NOs: 2-3531), for a time sufficient to reduce the visibility, number, or depth of said wrinkles and/or fine lines. The treatment may be a least once or twice daily and may last for a period of at least four weeks, typically at least eight weeks, twelve weeks, or longer. The composition may optionally further comprise a retinoid (e.g., retinol or retinol palmitate) and/or an alpha-hydroxy acid (e.g., glycolic acid) and/or a beta-hydroxy acid (e.g., salicylic acid or derivative) in amounts effective to improve the appearance of skin. In some embodiments, methods reduce the severity of, reduce the number of, or prevent or forestall the onset of, wrinkles or fine lines on human skin. The composition may be topically applied to an area of the skin in need thereof (e.g., directly to wrinkled skin), an effective amount (e.g., 0.000001%-1% by weight, w/w) of a peptide of the invention (e.g., comprising any of SEQ ID NOs: 2-3531) in combination with an effective amount (e.g., 0.01%-5% by weight, w/w) of retinol and/or an effective amount (e.g., 0.001%-20% by weight, w/w) of an alpha-hydroxy acid (e.g., glycolic acid) and/or a beta-hydroxy acid (e.g., salicylic acid). The effect of a composition on the formation or appearance of fine lines and wrinkles can be evaluated qualitatively, e.g., by visual inspection, or quantitatively, e.g., by microscopic or computer assisted measurements of wrinkle morphology (e.g., the number, depth, length, area, volume and/or width of wrinkles per unit area of skin).

Topically application of a composition comprising a peptide comprising any of SEQ ID NOs: 2-3531, typically in a physiologically acceptable vehicle, over an affected area of skin may remediate, reverse, reduce, ameliorate, or prevent dermatological signs of aging. Generally, the improvement in the condition and/or appearance of skin is selected from the group consisting of: reducing dermatological signs of chronological aging, photo-aging, hormonal aging, and/or actinic aging; preventing and/or reducing the appearance of lines and/or wrinkles; reducing the noticeability of facial lines and wrinkles, facial wrinkles on the cheeks, forehead, perpendicular wrinkles between the eyes, horizontal

wrinkles above the eyes, and around the mouth, marionette lines, and particularly deep wrinkles or creases; improving the appearance of suborbital lines and/or periorbital lines; reducing the appearance of crow's feet; rejuvenating and/or revitalizing skin, particularly aging skin; reducing skin fragility; preventing and/or reversing of loss of glycosaminoglycans and/or collagen; ameliorating the effects of estrogen imbalance; preventing skin atrophy; preventing, reducing, and/or treating hyperpigmentation or hypopigmentation; minimizing skin discoloration; improving skin tone, radiance, clarity and/or tautness; preventing, reducing, and/or ameliorating skin sagging; improving skin firmness, plumpness, suppleness and/or softness; improving procollagen and/or collagen production; improving skin texture and/or promoting retexturization; improving skin barrier repair and/or function; improving the appearance of skin contours; restoring skin luster and/or brightness; minimizing dermatological signs of fatigue and/or stress; resisting environmental stress; replenishing ingredients in the skin decreased by aging and/or menopause; improving communication among skin cells; increasing cell proliferation and/or multiplication; increasing skin cell metabolism decreased by aging and/or menopause; retarding cellular aging; improving skin moisturization; enhancing skin thickness; slowing or halting skin thinning; increasing skin elasticity and/or resiliency; enhancing exfoliation; improving microcirculation; decreasing and/or preventing cellulite formation; and any combinations thereof. In some embodiments, each of the forgoing is associated with female skin.

It is also contemplated that the compositions of the invention will be useful for treating thin skin by topically applying the composition comprising the active peptides (e.g., comprising any of SEQ ID NOs: 2-3531) to thin skin of an individual in need thereof. "Thin skin" is intended to include skin that is thinned due to chronological aging, menopause, or photo-damage and skin that is thinning prematurely. In some embodiments, the treatment is for thin skin in men, whereas other embodiments treat thin skin in women, pre-menopausal or post-menopausal, as it is believed that skin thins differently with age in men and women, and in particular in women at different stages of life.

The method of the invention may be employed prophylactically to forestall aging including in individuals that have not manifested signs of skin aging, most commonly in individuals under 25 years of age. The method may also reverse or treat signs of aging once manifested as is common in individuals over 25 years of age, or to slow the progression of dermatological aging in such individuals.

In one embodiment, the compositions of the invention comprising active peptides (e.g., comprising any of SEQ ID NOs: 2-3531) are applied to human skin to reduce sebum production or improve the appearance of skin affected by cellulite, and/or reduce unwanted lipogenesis or increase lipolysis. In this embodiment, the peptides of the invention can be formulated in topically acceptable vehicles (as described herein) and may include one or more additional agents such as anti-acne ingredients (e.g., salicylic acid, benzoyl peroxide and other peroxides, sulfur, retinoids, etc.) in the case of a facial composition, or, in the case of a cellulite treatment, the formulation may comprise any ingredients suitable for treatment of cellulite, including without limitation, perilla oil and other unsaturated fatty oils and omega-3 fatty acids such as alpha-linolenic acid; caffeine; theophylline; xanthines; retinoids (e.g., retinol); and the like. A cellulite treatment according to the invention will typically be applied topically to skin suffering from cellulite, including skin of the buttocks and thighs for a period of time

sufficient to improve the appearance thereof, including for example, daily treatment for at least four weeks, at least eight weeks, at least twelve weeks, or longer. In one embodiment, the compositions are topically applied to treat acne.

In certain embodiments, the compositions described herein comprising active peptides (e.g., comprising any of SEQ ID NOs: 2-3531) can be used to treat and/or prevent hyper-pigmentation of skin and/or of the hair, for example, to lighten skin or hair. In some embodiments, the compositions are topically applied to the skin or hair, for example to an area of hyper-pigmented skin or hair. Hyper-pigmentation includes any coloration of an individual's skin or hair that is darker than desired by the individual and that is caused by melanocytes. Hyper-pigmented areas of the skin include areas of discrete or mottled hyper-pigmentation. Areas of discrete hyper-pigmentation can be distinct, uniform areas of darker color and may appear as brown spots or freckles on the skin, including marks commonly called pigment spots or "age spots." Areas of mottled hyper-pigmentation of the skin can be dark blotches that are larger and more irregular in size and shape than areas of discrete pigmentation. Areas of hyper-pigmentation also include areas of tanned skin, for example, skin tanned due to UV exposure. Hyper-pigmented hair includes any shade of hair that is darker than desired.

Treating hyper-pigmentation or hyper-pigmented skin/hair refers to eradicating, reducing, ameliorating, or reversing one or more of the unwanted features associated with hyper-pigmentation, such as producing a perceptible lightening of the skin or hair in the affected area. Lightening hyper-pigmented areas of the skin may be effective in diminishing age spots; lightening a suntan; evening or optimizing skin tones, e.g., in areas of mottled hyper-pigmentation; in treating melasmic and chloasmic patches, freckles, after-burn scars, and post-injury hyper-pigmentation. Preventing hyper-pigmentation or hyper-pigmented skin refers to affording skin, not yet affected by hyper-pigmentation, a benefit that serves to avoid, delay, forestall, or minimize one or more unwanted features associated with skin hyper-pigmentation, such as reducing the darkness or size of hyper-pigmented areas that eventually develop.

In some embodiments, the compositions of the invention are used in a rotational, alternating, or sequential treatment regimen comprising topical application of the compositions of the invention for a first period of time (e.g., at least once daily for at least one day), followed by a second period of time in which at least one additional treatment modality is administered for at least one additional day following said first period of time. The second treatment modality may comprise topical application of any skin benefit agent, such as a retinoid (e.g., retinol), phytol, antioxidants (e.g., ascorbic acid or TDPA or esters thereof), botanicals, such as *Tiliacora triandra*, niacinamide, vitamins such as Vitamin E and Vitamin E acetate, salicylic acid, salicylates and derivatives thereof, moisturizers, emollients, etc.

In another embodiment, the peptides of the invention (e.g., comprising any of SEQ ID NOs: 2-3531) are intended for oral use, including for pharmaceutical use. Pharmaceutical formulations will include pharmaceutically acceptable carriers (i.e., diluents and excipients). The pharmaceutical compositions may be included in solid dosage forms, including compressed tablets and capsules, or in liquid or powder forms (including lyophilized powders of the peptide suitable for reconstitution with water). Pharmaceutical compositions may also be in the form of creams, serums, etc., or formulated for injection. Pharmaceutical dosage forms will typically include from about 0.1 mg to about 200 mg, or from about 1 mg to about 100 mg of the peptides of the invention.

Solid dosage forms may be immediate release, in which case they will typically comprise a water-soluble or dispersible carrier such as microcrystalline cellulose, mannitol, hydroxypropyl methyl cellulose, PVP or the like, or may be delayed, sustained, or modified release, in which case they may comprise water-insoluble polymers such as cellulose ethers (e.g., ethylcellulose), alone or in combination with water soluble or dispersible polymers, to regulate the rate of dissolution of the dosage form in the stomach.

In one embodiment, the composition is intended for use as a non-therapeutic treatment. In another embodiment, the composition is an article intended to be rubbed, poured, sprinkled, or sprayed on, introduced into, or otherwise applied to the human body for cleansing, beautifying, promoting attractiveness, or altering the appearance, in accordance with the US FD&C Act, §201(i).

EXAMPLES

The following example illustrates a specific aspect of the instant description. The example should not be construed as limiting, as the example merely provides specific understanding and practice of the embodiments and its various aspects.

Example 1

The peptides of the invention were synthesized by GenScript (Piscataway, N.J.).

Human dermal fibroblast cells were grown in a 96 well plate in DMEM media (available from Corning, N.Y.) supplemented with 10% Fetal Bovine Serum (FBS) and L-glutamine (0.07x10⁵ cells/plate). After reaching about 75% confluence, cells were transferred into DMEM media without FBS and incubated for 4-6 hours. Next, cells were treated with a peptide at 0.00001%, 0.0001%, 0.001% final concentration in DMEM media without FBS for 48 h. After treatment, the media were collected and cell viability was measured using MTT. The amount of collagen secreted was tested in the media using HTRF human pro-collagen I kit (available from Cisbio Inc., Bedford, Mass.). The amount of secreted Hyaluronic Acid (HA) was tested in the media using HA Elisa kit (available from Corgenix, Broomfield, Colo.).

The results are summarized in Table 12 below as percent change of pro-collagen I and/or HA production relative to vehicle control (peptide concentrations provided in parentheses) using the following keys:

Pro-Collagen I Increase Key: 0: <10%, +: 10-30%, ++: 30-50%, +++: 50-70%, ++++: >70%

HA Increase Key: 0: <20%, +: 20-50%, ++: 50-90%, +++: 90-150%, ++++: >150%

TABLE 12

Peptide Sequence	Increase in Pro-Collagen I Production	Increase in HA Production
GDALQPE (SEQ ID NO: 1671)	0	0
QPED (SEQ ID NO: 491)	0	0
LRLK (SEQ ID NO: 453)	0	+(0.001%)
MVV (SEQ ID NO: 369)	0	+(0.0001%)

TABLE 12-continued

Peptide Sequence	Increase in Pro-Collagen I Production	Increase in HA Production
LENTKRS (SEQ ID NO: 1840)	0	0
QILSKLRL (SEQ ID NO: 2028)	+(0.001%)	N/A

As shown in Table 12, peptides of the invention effectively increase pro-collagen I and/or hyaluronic acid production in human dermal fibroblast cells.

As various changes can be made in the above-described subject matter without departing from the scope and spirit of the present invention, it is intended that all subject matter contained in the above description, or defined in the appended claims, be interpreted as descriptive and illustrative of the present invention. Many modifications and variations of the present invention are possible in light of the above teachings. Accordingly, the present description is intended to embrace all such alternatives, modifications, and variances which fall within the scope of the appended claims.

SEQUENCE LISTING

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Glu Leu Arg Pro Arg Gly Glu Ala Ala Glu Gly Pro Ala Ala Ala Ala
20          25          30

Ala Ala Ala Ala Ala Ala Ala Ala Ala Gly Val Gly Gly Glu Arg Ser
35          40          45

Ser Arg Pro Ala Pro Ser Val Ala Pro Glu Pro Asp Gly Cys Pro Val
50          55          60

Cys Val Trp Arg Gln His Ser Arg Glu Leu Arg Leu Glu Ser Ile Lys
65          70          75          80

Ser Gln Ile Leu Ser Lys Leu Arg Leu Lys Glu Ala Pro Asn Ile Ser
85          90          95

Arg Glu Val Val Lys Gln Leu Leu Pro Lys Ala Pro Pro Leu Gln Gln
100         105         110

Ile Leu Asp Leu His Asp Phe Gln Gly Asp Ala Leu Gln Pro Glu Asp
115         120         125

Phe Leu Glu Glu Asp Glu Tyr His Ala Thr Thr Glu Thr Val Ile Ser
130         135         140

Met Ala Gln Glu Thr Asp Pro Ala Val Gln Thr Asp Gly Ser Pro Leu
145         150         155         160

Cys Cys His Phe His Phe Ser Pro Lys Val Met Phe Thr Lys Val Leu
165         170         175

Lys Ala Gln Leu Trp Val Tyr Leu Arg Pro Val Pro Arg Pro Ala Thr
180         185         190

Val Tyr Leu Gln Ile Leu Arg Leu Lys Pro Leu Thr Gly Glu Gly Thr
195         200         205

Ala Gly Gly Gly Gly Gly Gly Arg Arg His Ile Arg Ile Arg Ser Leu
210         215         220

Lys Ile Glu Leu His Ser Arg Ser Gly His Trp Gln Ser Ile Asp Phe
225         230         235         240

Lys Gln Val Leu His Ser Trp Phe Arg Gln Pro Gln Ser Asn Trp Gly
245         250         255

Ile Glu Ile Asn Ala Phe Asp Pro Ser Gly Thr Asp Leu Ala Val Thr
260         265         270

Ser Leu Gly Pro Gly Ala Glu Gly Leu His Pro Phe Met Glu Leu Arg

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-continued

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Val	Leu	Glu	Asn	Thr	Lys	Arg	Ser	Arg	Arg	Asn	Leu	Gly	Leu	Asp	Cys
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Asp	Glu	His	Ser	Ser	Glu	Ser	Arg	Cys	Cys	Arg	Tyr	Pro	Leu	Thr	Val
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Asp	Phe	Glu	Ala	Phe	Gly	Trp	Asp	Trp	Ile	Ile	Ala	Pro	Lys	Arg	Tyr
				325					330					335	
Lys	Ala	Asn	Tyr	Cys	Ser	Gly	Gln	Cys	Glu	Tyr	Met	Phe	Met	Gln	Lys
			340					345					350		
Tyr	Pro	His	Thr	His	Leu	Val	Gln	Gln	Ala	Asn	Pro	Arg	Gly	Ser	Ala
		355					360					365			
Gly	Pro	Cys	Cys	Thr	Pro	Thr	Lys	Met	Ser	Pro	Ile	Asn	Met	Leu	Tyr
	370					375					380				
Phe	Asn	Asp	Lys	Gln	Gln	Ile	Ile	Tyr	Gly	Lys	Ile	Pro	Gly	Met	Val
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Ile Ser Arg
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Val Lys Gln

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Ala Pro Pro
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Pro Leu Gln
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Leu Gln Gln
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His Asp Phe
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Asp Phe Gln
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Phe Gln Gly
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Glu Asp Phe
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Ala Thr Thr
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Thr Thr Glu
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Glu Thr Val
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Thr Val Ile
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Ser Met Ala
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Met Ala Gln
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Ala Gln Glu
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Gln Glu Thr
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Glu Thr Asp
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Pro Ala Val
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Ala Val Gln
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Ser Pro Leu
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Lys Val Met
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Val Met Phe
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Phe Thr Lys

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Lys Val Leu

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Val Leu Lys

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Leu Lys Ala

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Lys Ala Gln

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Ala Gln Leu

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Leu Trp Val
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Trp Val Tyr
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Val Tyr Leu
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Tyr Leu Arg
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Tyr Leu Gln
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Lys Pro Leu
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Thr Ala Gly
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Gly His Trp
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Trp Gln Ser
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Gln Ser Ile
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Ser Ile Asp
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Phe Lys Gln
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Lys Gln Val
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Glu Ile Asn
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Ile Asn Ala
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Asp Leu Ala

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Gly Ala Glu
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Glu Gly Leu
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Met Glu Leu
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Lys Arg Ser
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Arg Asn Leu
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His Ser Ser

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Ser Ser Glu

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Ser Glu Ser

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Glu Ser Arg

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Ser Arg Cys

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Tyr Pro Leu
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Val Asp Phe
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Glu Ala Phe
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Ala Phe Gly
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Phe Gly Trp
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Gly Trp Asp
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Ile Ala Pro
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Arg Tyr Lys
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Tyr Met Phe

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Met Phe Met

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Met Gln Lys

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Pro His Thr

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His Leu Val

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Asn Met Leu
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Met Leu Tyr
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Tyr Phe Asn
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Phe Asn Asp
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Asn Asp Lys
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Asp Lys Gln
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Lys Gln Gln
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Gln Ile Ile
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Ile Ile Tyr
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Ile Tyr Gly
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Tyr Gly Lys
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Gly Lys Ile
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Lys Ile Pro
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Ile Pro Gly
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Pro Gly Met
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Gly Met Val
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Met Val Val
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Val Val Asp
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Val Asp Arg
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Asp Arg Cys
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Arg Cys Gly
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Cys Gly Cys
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Gly Cys Ser
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Met Val Leu Ala
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Val Leu Ala Ala
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Leu Ala Ala Pro
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Ala Ala Pro Leu
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Ala Pro Leu Leu
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Pro Leu Leu Leu
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Leu Leu Leu Gly
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Leu Leu Gly Phe
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Leu Gly Phe Leu
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Gly Phe Leu Leu
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Phe Leu Leu Leu
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Leu Leu Leu Ala
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Leu Leu Ala Leu
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Leu Ala Leu Glu
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Ala Leu Glu Leu
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Leu Glu Leu Arg
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Glu Leu Arg Pro
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Leu Arg Pro Arg
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Arg Pro Arg Gly
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Pro Arg Gly Glu
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Arg Gly Glu Ala
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Gly Glu Ala Ala
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Glu Ala Ala Glu
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Ala Ala Glu Gly
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Ala Glu Gly Pro
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Glu Gly Pro Ala

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Gly Pro Ala Ala
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Pro Ala Ala Ala
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Ala Ala Ala Ala
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Ala Ala Ala Gly
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Ala Ala Gly Val
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Ala Gly Val Gly
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Gly Val Gly Gly
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Val Gly Gly Glu
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Gly Gly Glu Arg
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Gly Glu Arg Ser
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Glu Arg Ser Ser
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Arg Ser Ser Arg
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Ser Ser Arg Pro
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Ser Arg Pro Ala
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Arg Pro Ala Pro
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Pro Ala Pro Ser
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Ala Pro Ser Val
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Pro Ser Val Ala
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Ser Val Ala Pro
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Val Ala Pro Glu
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Ala Pro Glu Pro
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Pro Glu Pro Asp
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Glu Pro Asp Gly
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Pro Asp Gly Cys
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Asp Gly Cys Pro
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Gly Cys Pro Val
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Cys Pro Val Cys
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Pro Val Cys Val
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Cys Val Trp Arg
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Val Trp Arg Gln
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Trp Arg Gln His
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Arg Gln His Ser
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Gln His Ser Arg
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His Ser Arg Glu
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Ser Arg Glu Leu
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Arg Glu Leu Arg
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Glu Leu Arg Leu
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Leu Arg Leu Glu
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Arg Leu Glu Ser
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Leu Glu Ser Ile
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Glu Ser Ile Lys
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Ser Ile Lys Ser
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Ile Lys Ser Gln
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Lys Ser Gln Ile
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Ser Gln Ile Leu
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Gln Ile Leu Ser
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Ile Leu Ser Lys
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Leu Ser Lys Leu
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Ser Lys Leu Arg
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Lys Leu Arg Leu
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Leu Arg Leu Lys
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Arg Leu Lys Glu
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Leu Lys Glu Ala
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Lys Glu Ala Pro
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Glu Ala Pro Asn
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Ala Pro Asn Ile
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Pro Asn Ile Ser
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Asn Ile Ser Arg
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Ile Ser Arg Glu
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Ser Arg Glu Val
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Arg Glu Val Val
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Glu Val Val Lys
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Val Val Lys Gln
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Val Lys Gln Leu
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Lys Gln Leu Leu
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Gln Leu Leu Pro
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Leu Leu Pro Lys
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Leu Pro Lys Ala
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Pro Lys Ala Pro
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Lys Ala Pro Pro
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Ala Pro Pro Leu
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Pro Pro Leu Gln
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Pro Leu Gln Gln
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Leu Gln Gln Ile
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Gln Gln Ile Leu
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Gln Ile Leu Asp
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Ile Leu Asp Leu
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Asp Leu His Asp
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Leu His Asp Phe
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His Asp Phe Gln
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Asp Phe Gln Gly
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Phe Gln Gly Asp
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Gln Gly Asp Ala
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Gly Asp Ala Leu
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Asp Ala Leu Gln
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Ala Leu Gln Pro
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Leu Gln Pro Glu
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Gln Pro Glu Asp
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Pro Glu Asp Phe
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Glu Asp Phe Leu
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Asp Phe Leu Glu
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Leu Glu Glu Asp
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Glu Glu Asp Glu
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Glu Asp Glu Tyr
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Asp Glu Tyr His
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Glu Tyr His Ala
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Tyr His Ala Thr
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Ala Thr Thr Glu
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Thr Thr Glu Thr
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Thr Glu Thr Val
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Glu Thr Val Ile
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Thr Val Ile Ser
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Val Ile Ser Met
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Met Ala Gln Glu
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Ala Gln Glu Thr
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Gln Glu Thr Asp
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Glu Thr Asp Pro
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Thr Asp Pro Ala
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Asp Pro Ala Val
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Pro Ala Val Gln
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Ala Val Gln Thr
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Val Gln Thr Asp
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Gln Thr Asp Gly
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Thr Asp Gly Ser
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Asp Gly Ser Pro
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Gly Ser Pro Leu
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Ser Pro Leu Cys
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Pro Leu Cys Cys
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Leu Cys Cys His
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Cys Cys His Phe
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Cys His Phe His
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His Phe His Phe
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Phe His Phe Ser
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His Phe Ser Pro
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Phe Ser Pro Lys
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Ser Pro Lys Val
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Pro Lys Val Met
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Lys Val Met Phe
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Val Met Phe Thr
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Met Phe Thr Lys
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Phe Thr Lys Val
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Thr Lys Val Leu
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Lys Val Leu Lys
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Val Leu Lys Ala
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Leu Lys Ala Gln
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Lys Ala Gln Leu
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Ala Gln Leu Trp
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Leu Trp Val Tyr
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Trp Val Tyr Leu
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Val Tyr Leu Arg
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Tyr Leu Arg Pro
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Leu Arg Pro Val
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Arg Pro Val Pro
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Val Pro Arg Pro
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Pro Arg Pro Ala
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Arg Pro Ala Thr
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Pro Ala Thr Val
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Ala Thr Val Tyr
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Thr Val Tyr Leu
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Val Tyr Leu Gln

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Leu Gln Ile Leu
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Gln Ile Leu Arg
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Ile Leu Arg Leu
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Arg Leu Lys Pro
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Leu Lys Pro Leu
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Lys Pro Leu Thr
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Pro Leu Thr Gly
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Leu Thr Gly Glu
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Thr Gly Glu Gly
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Gly Glu Gly Thr
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Glu Gly Thr Ala
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Gly Thr Ala Gly
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Thr Ala Gly Gly
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Gly Gly Gly Gly
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Gly Gly Gly Arg
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Gly Gly Arg Arg
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Gly Arg Arg His
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Arg Arg His Ile
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Arg His Ile Arg
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Ile Arg Ile Arg
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Arg Ile Arg Ser
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Ile Arg Ser Leu
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Arg Ser Leu Lys
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Ser Leu Lys Ile
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Leu Lys Ile Glu
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Lys Ile Glu Leu
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Ile Glu Leu His
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Glu Leu His Ser
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Leu His Ser Arg
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His Ser Arg Ser
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Ser Arg Ser Gly
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Arg Ser Gly His
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Gly His Trp Gln
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His Trp Gln Ser
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Trp Gln Ser Ile
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Gln Ser Ile Asp
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Ser Ile Asp Phe
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Ile Asp Phe Lys
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Asp Phe Lys Gln
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Phe Lys Gln Val
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Lys Gln Val Leu
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Gln Val Leu His
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Val Leu His Ser
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Leu His Ser Trp
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His Ser Trp Phe
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Ser Trp Phe Arg
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Trp Phe Arg Gln
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Phe Arg Gln Pro
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Arg Gln Pro Gln
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Gln Pro Gln Ser
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<210> SEQ ID NO 614
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<400> SEQUENCE: 614

Pro Gln Ser Asn
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Gln Ser Asn Trp
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Ser Asn Trp Gly
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<210> SEQ ID NO 617
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Asn Trp Gly Ile
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<400> SEQUENCE: 618

Trp Gly Ile Glu
1

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Gly Ile Glu Ile
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Ile Glu Ile Asn
1

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<400> SEQUENCE: 621

Glu Ile Asn Ala
1

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Ile Asn Ala Phe
1

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Asn Ala Phe Asp
1

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Ala Phe Asp Pro
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Phe Asp Pro Ser
1

<210> SEQ ID NO 626
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<400> SEQUENCE: 626

Asp Pro Ser Gly
1

<210> SEQ ID NO 627
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Pro Ser Gly Thr
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Ser Gly Thr Asp
1

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Gly Thr Asp Leu
1

<210> SEQ ID NO 630
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Thr Asp Leu Ala
1

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Asp Leu Ala Val
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Leu Ala Val Thr
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Ala Val Thr Ser
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<210> SEQ ID NO 634
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<400> SEQUENCE: 634

Val Thr Ser Leu
1

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Thr Ser Leu Gly
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Ser Leu Gly Pro
1

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Leu Gly Pro Gly
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Gly Pro Gly Ala

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Pro Gly Ala Glu
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Gly Ala Glu Gly
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Ala Glu Gly Leu
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Glu Gly Leu His
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Gly Leu His Pro
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Leu His Pro Phe
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His Pro Phe Met
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Pro Phe Met Glu
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Phe Met Glu Leu
1

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Met Glu Leu Arg
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Glu Leu Arg Val
1

<210> SEQ ID NO 650
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Leu Arg Val Leu
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<210> SEQ ID NO 651
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<400> SEQUENCE: 651

Arg Val Leu Glu
1

<210> SEQ ID NO 652
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Val Leu Glu Asn
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<210> SEQ ID NO 653

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<211> LENGTH: 4
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<400> SEQUENCE: 653

Leu Glu Asn Thr
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<210> SEQ ID NO 654
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<400> SEQUENCE: 654

Glu Asn Thr Lys
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<210> SEQ ID NO 655
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Asn Thr Lys Arg
1

<210> SEQ ID NO 656
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Thr Lys Arg Ser
1

<210> SEQ ID NO 657
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<400> SEQUENCE: 657

Lys Arg Ser Arg
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<210> SEQ ID NO 658
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<400> SEQUENCE: 658

Arg Ser Arg Arg
1

<210> SEQ ID NO 659
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Ser Arg Arg Asn
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Arg Arg Asn Leu
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<400> SEQUENCE: 661

Arg Asn Leu Gly
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<210> SEQ ID NO 662

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Asn Leu Gly Leu
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<210> SEQ ID NO 663

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<400> SEQUENCE: 663

Leu Gly Leu Asp
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<210> SEQ ID NO 664

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<400> SEQUENCE: 664

Gly Leu Asp Cys
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<210> SEQ ID NO 665

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<400> SEQUENCE: 665

Leu Asp Cys Asp
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<400> SEQUENCE: 666

Asp Cys Asp Glu
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<210> SEQ ID NO 667

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<400> SEQUENCE: 667

Cys Asp Glu His
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<400> SEQUENCE: 668

Asp Glu His Ser
1

<210> SEQ ID NO 669

<211> LENGTH: 4

<212> TYPE: PRT

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<400> SEQUENCE: 669

Glu His Ser Ser
1

<210> SEQ ID NO 670

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His Ser Ser Glu
1

<210> SEQ ID NO 671

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<400> SEQUENCE: 671

Ser Ser Glu Ser
1

<210> SEQ ID NO 672

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<400> SEQUENCE: 672

Ser Glu Ser Arg
1

<210> SEQ ID NO 673

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<212> TYPE: PRT

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<400> SEQUENCE: 673

Glu Ser Arg Cys
1

<210> SEQ ID NO 674

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Ser Arg Cys Cys
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Arg Cys Cys Arg
1

<210> SEQ ID NO 676
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<400> SEQUENCE: 676

Cys Cys Arg Tyr
1

<210> SEQ ID NO 677
<211> LENGTH: 4
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<400> SEQUENCE: 677

Cys Arg Tyr Pro
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<210> SEQ ID NO 678
<211> LENGTH: 4
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<400> SEQUENCE: 678

Arg Tyr Pro Leu
1

<210> SEQ ID NO 679
<211> LENGTH: 4
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<400> SEQUENCE: 679

Tyr Pro Leu Thr
1

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<211> LENGTH: 4
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<400> SEQUENCE: 680

Pro Leu Thr Val
1

<210> SEQ ID NO 681
<211> LENGTH: 4
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Leu Thr Val Asp
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<400> SEQUENCE: 682

Thr Val Asp Phe
1

<210> SEQ ID NO 683
<211> LENGTH: 4
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<400> SEQUENCE: 683

Val Asp Phe Glu
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<210> SEQ ID NO 684
<211> LENGTH: 4
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<400> SEQUENCE: 684

Asp Phe Glu Ala
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<210> SEQ ID NO 685
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<400> SEQUENCE: 685

Phe Glu Ala Phe
1

<210> SEQ ID NO 686
<211> LENGTH: 4
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<400> SEQUENCE: 686

Glu Ala Phe Gly
1

<210> SEQ ID NO 687
<211> LENGTH: 4
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<400> SEQUENCE: 687

Ala Phe Gly Trp
1

<210> SEQ ID NO 688
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<400> SEQUENCE: 688

Phe Gly Trp Asp
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<400> SEQUENCE: 689

Gly Trp Asp Trp
1

<210> SEQ ID NO 690
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 690

Trp Asp Trp Ile
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<210> SEQ ID NO 691
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<400> SEQUENCE: 691

Asp Trp Ile Ile
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<210> SEQ ID NO 692
<211> LENGTH: 4
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<400> SEQUENCE: 692

Trp Ile Ile Ala
1

<210> SEQ ID NO 693
<211> LENGTH: 4
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<400> SEQUENCE: 693

Ile Ile Ala Pro
1

<210> SEQ ID NO 694
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<400> SEQUENCE: 694

Ile Ala Pro Lys
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<210> SEQ ID NO 695
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<400> SEQUENCE: 695

Ala Pro Lys Arg
1

<210> SEQ ID NO 696
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<212> TYPE: PRT
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<400> SEQUENCE: 696

Pro Lys Arg Tyr
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<210> SEQ ID NO 697
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<400> SEQUENCE: 697

Lys Arg Tyr Lys
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<400> SEQUENCE: 698

Arg Tyr Lys Ala
1

<210> SEQ ID NO 699
<211> LENGTH: 4
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<400> SEQUENCE: 699

Tyr Lys Ala Asn
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<211> LENGTH: 4
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<400> SEQUENCE: 700

Lys Ala Asn Tyr
1

<210> SEQ ID NO 701
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<400> SEQUENCE: 701

Ala Asn Tyr Cys
1

<210> SEQ ID NO 702
<211> LENGTH: 4
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<400> SEQUENCE: 702

Asn Tyr Cys Ser
1

<210> SEQ ID NO 703
<211> LENGTH: 4
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<400> SEQUENCE: 703

Tyr Cys Ser Gly
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<210> SEQ ID NO 704

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 704

Cys Ser Gly Gln
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<210> SEQ ID NO 705

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 705

Ser Gly Gln Cys
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<210> SEQ ID NO 706

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 706

Gly Gln Cys Glu
1

<210> SEQ ID NO 707

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 707

Gln Cys Glu Tyr
1

<210> SEQ ID NO 708

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 708

Cys Glu Tyr Met
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<210> SEQ ID NO 709

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 709

Glu Tyr Met Phe
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<210> SEQ ID NO 710

<211> LENGTH: 4

<212> TYPE: PRT

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<400> SEQUENCE: 710

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Tyr Met Phe Met
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<400> SEQUENCE: 711

Met Phe Met Gln
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<400> SEQUENCE: 712

Phe Met Gln Lys
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<400> SEQUENCE: 713

Met Gln Lys Tyr
1

<210> SEQ ID NO 714
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<400> SEQUENCE: 714

Gln Lys Tyr Pro
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<210> SEQ ID NO 715
<211> LENGTH: 4
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<400> SEQUENCE: 715

Lys Tyr Pro His
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 716

Tyr Pro His Thr
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<210> SEQ ID NO 717
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<400> SEQUENCE: 717

Pro His Thr His

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<400> SEQUENCE: 718

His Thr His Leu
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<210> SEQ ID NO 719
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Thr His Leu Val
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<400> SEQUENCE: 720

His Leu Val Gln
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<210> SEQ ID NO 721
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 721

Leu Val Gln Gln
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<210> SEQ ID NO 722
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<400> SEQUENCE: 722

Val Gln Gln Ala
1

<210> SEQ ID NO 723
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<400> SEQUENCE: 723

Gln Gln Ala Asn
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<210> SEQ ID NO 724
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<400> SEQUENCE: 724

Gln Ala Asn Pro
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<210> SEQ ID NO 725
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<400> SEQUENCE: 725

Ala Asn Pro Arg
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<210> SEQ ID NO 726
<211> LENGTH: 4
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<400> SEQUENCE: 726

Asn Pro Arg Gly
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<210> SEQ ID NO 727
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 727

Pro Arg Gly Ser
1

<210> SEQ ID NO 728
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 728

Arg Gly Ser Ala
1

<210> SEQ ID NO 729
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 729

Gly Ser Ala Gly
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<210> SEQ ID NO 730
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 730

Ser Ala Gly Pro
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<210> SEQ ID NO 731
<211> LENGTH: 4
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<400> SEQUENCE: 731

Ala Gly Pro Cys
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<210> SEQ ID NO 732

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<211> LENGTH: 4
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 732

Gly Pro Cys Cys
1

<210> SEQ ID NO 733
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 733

Pro Cys Cys Thr
1

<210> SEQ ID NO 734
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 734

Cys Cys Thr Pro
1

<210> SEQ ID NO 735
<211> LENGTH: 4
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<400> SEQUENCE: 735

Cys Thr Pro Thr
1

<210> SEQ ID NO 736
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 736

Thr Pro Thr Lys
1

<210> SEQ ID NO 737
<211> LENGTH: 4
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<400> SEQUENCE: 737

Pro Thr Lys Met
1

<210> SEQ ID NO 738
<211> LENGTH: 4
<212> TYPE: PRT
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<400> SEQUENCE: 738

Thr Lys Met Ser
1

<210> SEQ ID NO 739
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 739

Lys Met Ser Pro
1

<210> SEQ ID NO 740

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 740

Met Ser Pro Ile
1

<210> SEQ ID NO 741

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 741

Ser Pro Ile Asn
1

<210> SEQ ID NO 742

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 742

Pro Ile Asn Met
1

<210> SEQ ID NO 743

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 743

Ile Asn Met Leu
1

<210> SEQ ID NO 744

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 744

Asn Met Leu Tyr
1

<210> SEQ ID NO 745

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 745

Met Leu Tyr Phe
1

<210> SEQ ID NO 746

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 746

Leu Tyr Phe Asn
1

<210> SEQ ID NO 747

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 747

Tyr Phe Asn Asp
1

<210> SEQ ID NO 748

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 748

Phe Asn Asp Lys
1

<210> SEQ ID NO 749

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 749

Asn Asp Lys Gln
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<210> SEQ ID NO 750

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 750

Asp Lys Gln Gln
1

<210> SEQ ID NO 751

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 751

Lys Gln Gln Ile
1

<210> SEQ ID NO 752

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 752

Gln Gln Ile Ile
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<210> SEQ ID NO 753

<211> LENGTH: 4

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 753

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Gln Ile Ile Tyr
1

<210> SEQ ID NO 754
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<400> SEQUENCE: 754

Ile Ile Tyr Gly
1

<210> SEQ ID NO 755
<211> LENGTH: 4
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 755

Ile Tyr Gly Lys
1

<210> SEQ ID NO 756
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 756

Tyr Gly Lys Ile
1

<210> SEQ ID NO 757
<211> LENGTH: 4
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<400> SEQUENCE: 757

Gly Lys Ile Pro
1

<210> SEQ ID NO 758
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 758

Lys Ile Pro Gly
1

<210> SEQ ID NO 759
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 759

Ile Pro Gly Met
1

<210> SEQ ID NO 760
<211> LENGTH: 4
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 760

Pro Gly Met Val
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<210> SEQ ID NO 761
<211> LENGTH: 4
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<400> SEQUENCE: 761

Gly Met Val Val
1

<210> SEQ ID NO 762
<211> LENGTH: 4
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<400> SEQUENCE: 762

Met Val Val Asp
1

<210> SEQ ID NO 763
<211> LENGTH: 4
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<400> SEQUENCE: 763

Val Val Asp Arg
1

<210> SEQ ID NO 764
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 764

Val Asp Arg Cys
1

<210> SEQ ID NO 765
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 765

Asp Arg Cys Gly
1

<210> SEQ ID NO 766
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<400> SEQUENCE: 766

Arg Cys Gly Cys
1

<210> SEQ ID NO 767
<211> LENGTH: 4
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 767

Cys Gly Cys Ser
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<210> SEQ ID NO 768
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 768

Met Val Leu Ala Ala
1 5

<210> SEQ ID NO 769
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 769

Val Leu Ala Ala Pro
1 5

<210> SEQ ID NO 770
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 770

Leu Ala Ala Pro Leu
1 5

<210> SEQ ID NO 771
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 771

Ala Ala Pro Leu Leu
1 5

<210> SEQ ID NO 772
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 772

Ala Pro Leu Leu Leu
1 5

<210> SEQ ID NO 773
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 773

Pro Leu Leu Leu Gly
1 5

<210> SEQ ID NO 774
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 774

Leu Leu Leu Gly Phe
1 5

<210> SEQ ID NO 775
<211> LENGTH: 5

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 775

Leu Leu Gly Phe Leu
1 5

<210> SEQ ID NO 776
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 776

Leu Gly Phe Leu Leu
1 5

<210> SEQ ID NO 777
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 777

Gly Phe Leu Leu Leu
1 5

<210> SEQ ID NO 778
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 778

Phe Leu Leu Leu Ala
1 5

<210> SEQ ID NO 779
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 779

Leu Leu Leu Ala Leu
1 5

<210> SEQ ID NO 780
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 780

Leu Leu Ala Leu Glu
1 5

<210> SEQ ID NO 781
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 781

Leu Ala Leu Glu Leu
1 5

<210> SEQ ID NO 782
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 782

Ala Leu Glu Leu Arg
1 5

<210> SEQ ID NO 783

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 783

Leu Glu Leu Arg Pro
1 5

<210> SEQ ID NO 784

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 784

Glu Leu Arg Pro Arg
1 5

<210> SEQ ID NO 785

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 785

Leu Arg Pro Arg Gly
1 5

<210> SEQ ID NO 786

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 786

Arg Pro Arg Gly Glu
1 5

<210> SEQ ID NO 787

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 787

Pro Arg Gly Glu Ala
1 5

<210> SEQ ID NO 788

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 788

Arg Gly Glu Ala Ala
1 5

<210> SEQ ID NO 789

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 789

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Gly Glu Ala Ala Glu
1 5

<210> SEQ ID NO 790
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 790

Glu Ala Ala Glu Gly
1 5

<210> SEQ ID NO 791
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 791

Ala Ala Glu Gly Pro
1 5

<210> SEQ ID NO 792
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 792

Ala Glu Gly Pro Ala
1 5

<210> SEQ ID NO 793
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 793

Glu Gly Pro Ala Ala
1 5

<210> SEQ ID NO 794
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 794

Gly Pro Ala Ala Ala
1 5

<210> SEQ ID NO 795
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 795

Pro Ala Ala Ala Ala
1 5

<210> SEQ ID NO 796
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 796

Ala Ala Ala Ala Ala

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1 5

<210> SEQ ID NO 797
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 797

Ala Ala Ala Ala Gly
1 5

<210> SEQ ID NO 798
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 798

Ala Ala Ala Gly Val
1 5

<210> SEQ ID NO 799
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 799

Ala Ala Gly Val Gly
1 5

<210> SEQ ID NO 800
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 800

Ala Gly Val Gly Gly
1 5

<210> SEQ ID NO 801
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 801

Gly Val Gly Gly Glu
1 5

<210> SEQ ID NO 802
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 802

Val Gly Gly Glu Arg
1 5

<210> SEQ ID NO 803
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 803

Gly Gly Glu Arg Ser
1 5

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<210> SEQ ID NO 804
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 804

Gly Glu Arg Ser Ser
1 5

<210> SEQ ID NO 805
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 805

Glu Arg Ser Ser Arg
1 5

<210> SEQ ID NO 806
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 806

Arg Ser Ser Arg Pro
1 5

<210> SEQ ID NO 807
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 807

Ser Ser Arg Pro Ala
1 5

<210> SEQ ID NO 808
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 808

Ser Arg Pro Ala Pro
1 5

<210> SEQ ID NO 809
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 809

Arg Pro Ala Pro Ser
1 5

<210> SEQ ID NO 810
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 810

Pro Ala Pro Ser Val
1 5

<210> SEQ ID NO 811

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<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 811

Ala Pro Ser Val Ala
1 5

<210> SEQ ID NO 812
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 812

Pro Ser Val Ala Pro
1 5

<210> SEQ ID NO 813
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 813

Ser Val Ala Pro Glu
1 5

<210> SEQ ID NO 814
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 814

Val Ala Pro Glu Pro
1 5

<210> SEQ ID NO 815
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 815

Ala Pro Glu Pro Asp
1 5

<210> SEQ ID NO 816
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 816

Pro Glu Pro Asp Gly
1 5

<210> SEQ ID NO 817
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 817

Glu Pro Asp Gly Cys
1 5

<210> SEQ ID NO 818
<211> LENGTH: 5
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 818

Pro Asp Gly Cys Pro
1 5

<210> SEQ ID NO 819

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 819

Asp Gly Cys Pro Val
1 5

<210> SEQ ID NO 820

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 820

Gly Cys Pro Val Cys
1 5

<210> SEQ ID NO 821

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 821

Cys Pro Val Cys Val
1 5

<210> SEQ ID NO 822

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 822

Pro Val Cys Val Trp
1 5

<210> SEQ ID NO 823

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 823

Val Cys Val Trp Arg
1 5

<210> SEQ ID NO 824

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 824

Cys Val Trp Arg Gln
1 5

<210> SEQ ID NO 825

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 825

Val Trp Arg Gln His
1 5

<210> SEQ ID NO 826

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 826

Trp Arg Gln His Ser
1 5

<210> SEQ ID NO 827

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 827

Arg Gln His Ser Arg
1 5

<210> SEQ ID NO 828

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 828

Gln His Ser Arg Glu
1 5

<210> SEQ ID NO 829

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 829

His Ser Arg Glu Leu
1 5

<210> SEQ ID NO 830

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 830

Ser Arg Glu Leu Arg
1 5

<210> SEQ ID NO 831

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 831

Arg Glu Leu Arg Leu
1 5

<210> SEQ ID NO 832

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 832

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Glu Leu Arg Leu Glu
1 5

<210> SEQ ID NO 833
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 833

Leu Arg Leu Glu Ser
1 5

<210> SEQ ID NO 834
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 834

Arg Leu Glu Ser Ile
1 5

<210> SEQ ID NO 835
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 835

Leu Glu Ser Ile Lys
1 5

<210> SEQ ID NO 836
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 836

Glu Ser Ile Lys Ser
1 5

<210> SEQ ID NO 837
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 837

Ser Ile Lys Ser Gln
1 5

<210> SEQ ID NO 838
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 838

Ile Lys Ser Gln Ile
1 5

<210> SEQ ID NO 839
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 839

Lys Ser Gln Ile Leu
1 5

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<210> SEQ ID NO 840
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 840

Ser Gln Ile Leu Ser
1 5

<210> SEQ ID NO 841
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 841

Gln Ile Leu Ser Lys
1 5

<210> SEQ ID NO 842
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 842

Ile Leu Ser Lys Leu
1 5

<210> SEQ ID NO 843
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 843

Leu Ser Lys Leu Arg
1 5

<210> SEQ ID NO 844
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 844

Ser Lys Leu Arg Leu
1 5

<210> SEQ ID NO 845
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 845

Lys Leu Arg Leu Lys
1 5

<210> SEQ ID NO 846
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 846

Leu Arg Leu Lys Glu
1 5

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<210> SEQ ID NO 847
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 847

Arg Leu Lys Glu Ala
1 5

<210> SEQ ID NO 848
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 848

Leu Lys Glu Ala Pro
1 5

<210> SEQ ID NO 849
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 849

Lys Glu Ala Pro Asn
1 5

<210> SEQ ID NO 850
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 850

Glu Ala Pro Asn Ile
1 5

<210> SEQ ID NO 851
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 851

Ala Pro Asn Ile Ser
1 5

<210> SEQ ID NO 852
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 852

Pro Asn Ile Ser Arg
1 5

<210> SEQ ID NO 853
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 853

Asn Ile Ser Arg Glu
1 5

<210> SEQ ID NO 854
<211> LENGTH: 5

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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Ile Ser Arg Glu Val
1 5

<210> SEQ ID NO 855
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<400> SEQUENCE: 855

Ser Arg Glu Val Val
1 5

<210> SEQ ID NO 856
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<400> SEQUENCE: 856

Arg Glu Val Val Lys
1 5

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Glu Val Val Lys Gln
1 5

<210> SEQ ID NO 858
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<213> ORGANISM: Homo sapiens

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Val Val Lys Gln Leu
1 5

<210> SEQ ID NO 859
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Val Lys Gln Leu Leu
1 5

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<400> SEQUENCE: 860

Lys Gln Leu Leu Pro
1 5

<210> SEQ ID NO 861
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<400> SEQUENCE: 861

Gln Leu Leu Pro Lys
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<210> SEQ ID NO 862

<211> LENGTH: 5

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<400> SEQUENCE: 862

Leu Leu Pro Lys Ala
1 5

<210> SEQ ID NO 863

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 863

Leu Pro Lys Ala Pro
1 5

<210> SEQ ID NO 864

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 864

Pro Lys Ala Pro Pro
1 5

<210> SEQ ID NO 865

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 865

Lys Ala Pro Pro Leu
1 5

<210> SEQ ID NO 866

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 866

Ala Pro Pro Leu Gln
1 5

<210> SEQ ID NO 867

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 867

Pro Pro Leu Gln Gln
1 5

<210> SEQ ID NO 868

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<400> SEQUENCE: 868

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Pro Leu Gln Gln Ile
1 5

<210> SEQ ID NO 869
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<400> SEQUENCE: 869

Leu Gln Gln Ile Leu
1 5

<210> SEQ ID NO 870
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<400> SEQUENCE: 870

Gln Gln Ile Leu Asp
1 5

<210> SEQ ID NO 871
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 871

Gln Ile Leu Asp Leu
1 5

<210> SEQ ID NO 872
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 872

Ile Leu Asp Leu His
1 5

<210> SEQ ID NO 873
<211> LENGTH: 5
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<400> SEQUENCE: 873

Leu Asp Leu His Asp
1 5

<210> SEQ ID NO 874
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<400> SEQUENCE: 874

Asp Leu His Asp Phe
1 5

<210> SEQ ID NO 875
<211> LENGTH: 5
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Leu His Asp Phe Gln

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<210> SEQ ID NO 876
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His Asp Phe Gln Gly
1 5

<210> SEQ ID NO 877
<211> LENGTH: 5
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<400> SEQUENCE: 877

Asp Phe Gln Gly Asp
1 5

<210> SEQ ID NO 878
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<400> SEQUENCE: 878

Phe Gln Gly Asp Ala
1 5

<210> SEQ ID NO 879
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<400> SEQUENCE: 879

Gln Gly Asp Ala Leu
1 5

<210> SEQ ID NO 880
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<400> SEQUENCE: 880

Gly Asp Ala Leu Gln
1 5

<210> SEQ ID NO 881
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<400> SEQUENCE: 881

Asp Ala Leu Gln Pro
1 5

<210> SEQ ID NO 882
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<400> SEQUENCE: 882

Ala Leu Gln Pro Glu
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<210> SEQ ID NO 883
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<400> SEQUENCE: 883

Leu Gln Pro Glu Asp
1 5

<210> SEQ ID NO 884
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 884

Gln Pro Glu Asp Phe
1 5

<210> SEQ ID NO 885
<211> LENGTH: 5
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<400> SEQUENCE: 885

Pro Glu Asp Phe Leu
1 5

<210> SEQ ID NO 886
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 886

Glu Asp Phe Leu Glu
1 5

<210> SEQ ID NO 887
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 887

Asp Phe Leu Glu Glu
1 5

<210> SEQ ID NO 888
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 888

Phe Leu Glu Glu Asp
1 5

<210> SEQ ID NO 889
<211> LENGTH: 5
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<400> SEQUENCE: 889

Leu Glu Glu Asp Glu
1 5

<210> SEQ ID NO 890

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<211> LENGTH: 5
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<400> SEQUENCE: 890

Glu Glu Asp Glu Tyr
1 5

<210> SEQ ID NO 891
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 891

Glu Asp Glu Tyr His
1 5

<210> SEQ ID NO 892
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 892

Asp Glu Tyr His Ala
1 5

<210> SEQ ID NO 893
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 893

Glu Tyr His Ala Thr
1 5

<210> SEQ ID NO 894
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 894

Tyr His Ala Thr Thr
1 5

<210> SEQ ID NO 895
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 895

His Ala Thr Thr Glu
1 5

<210> SEQ ID NO 896
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 896

Ala Thr Thr Glu Thr
1 5

<210> SEQ ID NO 897
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 897

Thr Thr Glu Thr Val
1 5

<210> SEQ ID NO 898

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 898

Thr Glu Thr Val Ile
1 5

<210> SEQ ID NO 899

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 899

Glu Thr Val Ile Ser
1 5

<210> SEQ ID NO 900

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 900

Thr Val Ile Ser Met
1 5

<210> SEQ ID NO 901

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 901

Val Ile Ser Met Ala
1 5

<210> SEQ ID NO 902

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 902

Ile Ser Met Ala Gln
1 5

<210> SEQ ID NO 903

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 903

Ser Met Ala Gln Glu
1 5

<210> SEQ ID NO 904

<211> LENGTH: 5

<212> TYPE: PRT

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<400> SEQUENCE: 904

Met Ala Gln Glu Thr
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<210> SEQ ID NO 905

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 905

Ala Gln Glu Thr Asp
1 5

<210> SEQ ID NO 906

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 906

Gln Glu Thr Asp Pro
1 5

<210> SEQ ID NO 907

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 907

Glu Thr Asp Pro Ala
1 5

<210> SEQ ID NO 908

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 908

Thr Asp Pro Ala Val
1 5

<210> SEQ ID NO 909

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 909

Asp Pro Ala Val Gln
1 5

<210> SEQ ID NO 910

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 910

Pro Ala Val Gln Thr
1 5

<210> SEQ ID NO 911

<211> LENGTH: 5

<212> TYPE: PRT

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Ala Val Gln Thr Asp
1 5

<210> SEQ ID NO 912
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 912

Val Gln Thr Asp Gly
1 5

<210> SEQ ID NO 913
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 913

Gln Thr Asp Gly Ser
1 5

<210> SEQ ID NO 914
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 914

Thr Asp Gly Ser Pro
1 5

<210> SEQ ID NO 915
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 915

Asp Gly Ser Pro Leu
1 5

<210> SEQ ID NO 916
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 916

Gly Ser Pro Leu Cys
1 5

<210> SEQ ID NO 917
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 917

Ser Pro Leu Cys Cys
1 5

<210> SEQ ID NO 918
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 918

Pro Leu Cys Cys His
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<210> SEQ ID NO 919
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<400> SEQUENCE: 919

Leu Cys Cys His Phe
1 5

<210> SEQ ID NO 920
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 920

Cys Cys His Phe His
1 5

<210> SEQ ID NO 921
<211> LENGTH: 5
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<400> SEQUENCE: 921

Cys His Phe His Phe
1 5

<210> SEQ ID NO 922
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 922

His Phe His Phe Ser
1 5

<210> SEQ ID NO 923
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 923

Phe His Phe Ser Pro
1 5

<210> SEQ ID NO 924
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 924

His Phe Ser Pro Lys
1 5

<210> SEQ ID NO 925
<211> LENGTH: 5
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<400> SEQUENCE: 925

Phe Ser Pro Lys Val
1 5

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<210> SEQ ID NO 926
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 926

Ser Pro Lys Val Met
1 5

<210> SEQ ID NO 927
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<400> SEQUENCE: 927

Pro Lys Val Met Phe
1 5

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<400> SEQUENCE: 928

Lys Val Met Phe Thr
1 5

<210> SEQ ID NO 929
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 929

Val Met Phe Thr Lys
1 5

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<400> SEQUENCE: 930

Met Phe Thr Lys Val
1 5

<210> SEQ ID NO 931
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<400> SEQUENCE: 931

Phe Thr Lys Val Leu
1 5

<210> SEQ ID NO 932
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<400> SEQUENCE: 932

Thr Lys Val Leu Lys
1 5

<210> SEQ ID NO 933
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<212> TYPE: PRT
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<400> SEQUENCE: 933

Lys Val Leu Lys Ala
1 5

<210> SEQ ID NO 934
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<400> SEQUENCE: 934

Val Leu Lys Ala Gln
1 5

<210> SEQ ID NO 935
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 935

Leu Lys Ala Gln Leu
1 5

<210> SEQ ID NO 936
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 936

Lys Ala Gln Leu Trp
1 5

<210> SEQ ID NO 937
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 937

Ala Gln Leu Trp Val
1 5

<210> SEQ ID NO 938
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 938

Gln Leu Trp Val Tyr
1 5

<210> SEQ ID NO 939
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<400> SEQUENCE: 939

Leu Trp Val Tyr Leu
1 5

<210> SEQ ID NO 940
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<400> SEQUENCE: 940

Trp Val Tyr Leu Arg
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<210> SEQ ID NO 941

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 941

Val Tyr Leu Arg Pro
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<210> SEQ ID NO 942

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<212> TYPE: PRT

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<400> SEQUENCE: 942

Tyr Leu Arg Pro Val
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Leu Arg Pro Val Pro
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<400> SEQUENCE: 944

Arg Pro Val Pro Arg
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<210> SEQ ID NO 945

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 945

Pro Val Pro Arg Pro
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<210> SEQ ID NO 946

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 946

Val Pro Arg Pro Ala
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<210> SEQ ID NO 947

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 947

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Pro Arg Pro Ala Thr
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<210> SEQ ID NO 948
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<400> SEQUENCE: 948

Arg Pro Ala Thr Val
1 5

<210> SEQ ID NO 949
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 949

Pro Ala Thr Val Tyr
1 5

<210> SEQ ID NO 950
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 950

Ala Thr Val Tyr Leu
1 5

<210> SEQ ID NO 951
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 951

Thr Val Tyr Leu Gln
1 5

<210> SEQ ID NO 952
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 952

Val Tyr Leu Gln Ile
1 5

<210> SEQ ID NO 953
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<400> SEQUENCE: 953

Tyr Leu Gln Ile Leu
1 5

<210> SEQ ID NO 954
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<400> SEQUENCE: 954

Leu Gln Ile Leu Arg

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<210> SEQ ID NO 955
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<400> SEQUENCE: 955

Gln Ile Leu Arg Leu
1 5

<210> SEQ ID NO 956
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<400> SEQUENCE: 956

Ile Leu Arg Leu Lys
1 5

<210> SEQ ID NO 957
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 957

Leu Arg Leu Lys Pro
1 5

<210> SEQ ID NO 958
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 958

Arg Leu Lys Pro Leu
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<210> SEQ ID NO 959
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 959

Leu Lys Pro Leu Thr
1 5

<210> SEQ ID NO 960
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 960

Lys Pro Leu Thr Gly
1 5

<210> SEQ ID NO 961
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 961

Pro Leu Thr Gly Glu
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<210> SEQ ID NO 962
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 962

Leu Thr Gly Glu Gly
1 5

<210> SEQ ID NO 963
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 963

Thr Gly Glu Gly Thr
1 5

<210> SEQ ID NO 964
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 964

Gly Glu Gly Thr Ala
1 5

<210> SEQ ID NO 965
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 965

Glu Gly Thr Ala Gly
1 5

<210> SEQ ID NO 966
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<400> SEQUENCE: 966

Gly Thr Ala Gly Gly
1 5

<210> SEQ ID NO 967
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 967

Thr Ala Gly Gly Gly
1 5

<210> SEQ ID NO 968
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 968

Ala Gly Gly Gly Gly
1 5

<210> SEQ ID NO 969

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<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 969

Gly Gly Gly Gly Gly
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<210> SEQ ID NO 970
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 970

Gly Gly Gly Gly Arg
1 5

<210> SEQ ID NO 971
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 971

Gly Gly Gly Arg Arg
1 5

<210> SEQ ID NO 972
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 972

Gly Gly Arg Arg His
1 5

<210> SEQ ID NO 973
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 973

Gly Arg Arg His Ile
1 5

<210> SEQ ID NO 974
<211> LENGTH: 5
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Arg Arg His Ile Arg
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Arg His Ile Arg Ile
1 5

<210> SEQ ID NO 976
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<213> ORGANISM: Homo sapiens

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His Ile Arg Ile Arg
1 5

<210> SEQ ID NO 977

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<400> SEQUENCE: 977

Ile Arg Ile Arg Ser
1 5

<210> SEQ ID NO 978

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Arg Ile Arg Ser Leu
1 5

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<400> SEQUENCE: 979

Ile Arg Ser Leu Lys
1 5

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<400> SEQUENCE: 980

Arg Ser Leu Lys Ile
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<400> SEQUENCE: 981

Ser Leu Lys Ile Glu
1 5

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Leu Lys Ile Glu Leu
1 5

<210> SEQ ID NO 983

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Lys Ile Glu Leu His
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Ile Glu Leu His Ser
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Glu Leu His Ser Arg
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<400> SEQUENCE: 986

Leu His Ser Arg Ser
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<400> SEQUENCE: 987

His Ser Arg Ser Gly
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<211> LENGTH: 5

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 988

Ser Arg Ser Gly His
1 5

<210> SEQ ID NO 989

<211> LENGTH: 5

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<400> SEQUENCE: 989

Arg Ser Gly His Trp
1 5

<210> SEQ ID NO 990

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Ser Gly His Trp Gln
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 991

Gly His Trp Gln Ser
1 5

<210> SEQ ID NO 992
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<400> SEQUENCE: 992

His Trp Gln Ser Ile
1 5

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<400> SEQUENCE: 993

Trp Gln Ser Ile Asp
1 5

<210> SEQ ID NO 994
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 994

Gln Ser Ile Asp Phe
1 5

<210> SEQ ID NO 995
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<400> SEQUENCE: 995

Ser Ile Asp Phe Lys
1 5

<210> SEQ ID NO 996
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Ile Asp Phe Lys Gln
1 5

<210> SEQ ID NO 997
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<400> SEQUENCE: 997

Asp Phe Lys Gln Val
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<210> SEQ ID NO 998
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<400> SEQUENCE: 998

Phe Lys Gln Val Leu
1 5

<210> SEQ ID NO 999
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<400> SEQUENCE: 999

Lys Gln Val Leu His
1 5

<210> SEQ ID NO 1000
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Gln Val Leu His Ser
1 5

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<211> LENGTH: 5
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<400> SEQUENCE: 1001

Val Leu His Ser Trp
1 5

<210> SEQ ID NO 1002
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1002

Leu His Ser Trp Phe
1 5

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<400> SEQUENCE: 1003

His Ser Trp Phe Arg
1 5

<210> SEQ ID NO 1004
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<400> SEQUENCE: 1004

Ser Trp Phe Arg Gln
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<210> SEQ ID NO 1005
<211> LENGTH: 5
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Trp Phe Arg Gln Pro
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<210> SEQ ID NO 1006
<211> LENGTH: 5
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<400> SEQUENCE: 1006

Phe Arg Gln Pro Gln
1 5

<210> SEQ ID NO 1007
<211> LENGTH: 5
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<400> SEQUENCE: 1007

Arg Gln Pro Gln Ser
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<210> SEQ ID NO 1008
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<400> SEQUENCE: 1008

Gln Pro Gln Ser Asn
1 5

<210> SEQ ID NO 1009
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1009

Pro Gln Ser Asn Trp
1 5

<210> SEQ ID NO 1010
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<400> SEQUENCE: 1010

Gln Ser Asn Trp Gly
1 5

<210> SEQ ID NO 1011
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<400> SEQUENCE: 1011

Ser Asn Trp Gly Ile
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<210> SEQ ID NO 1012
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<212> TYPE: PRT
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<400> SEQUENCE: 1012

Asn Trp Gly Ile Glu
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<210> SEQ ID NO 1013
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1013

Trp Gly Ile Glu Ile
1 5

<210> SEQ ID NO 1014
<211> LENGTH: 5
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<400> SEQUENCE: 1014

Gly Ile Glu Ile Asn
1 5

<210> SEQ ID NO 1015
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1015

Ile Glu Ile Asn Ala
1 5

<210> SEQ ID NO 1016
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<213> ORGANISM: Homo sapiens

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Glu Ile Asn Ala Phe
1 5

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<400> SEQUENCE: 1017

Ile Asn Ala Phe Asp
1 5

<210> SEQ ID NO 1018
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1018

Asn Ala Phe Asp Pro
1 5

<210> SEQ ID NO 1019
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Ala Phe Asp Pro Ser
1 5

<210> SEQ ID NO 1020

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1020

Phe Asp Pro Ser Gly
1 5

<210> SEQ ID NO 1021

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1021

Asp Pro Ser Gly Thr
1 5

<210> SEQ ID NO 1022

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1022

Pro Ser Gly Thr Asp
1 5

<210> SEQ ID NO 1023

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1023

Ser Gly Thr Asp Leu
1 5

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1024

Gly Thr Asp Leu Ala
1 5

<210> SEQ ID NO 1025

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1025

Thr Asp Leu Ala Val
1 5

<210> SEQ ID NO 1026

<211> LENGTH: 5

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Asp Leu Ala Val Thr
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<400> SEQUENCE: 1027

Leu Ala Val Thr Ser
1 5

<210> SEQ ID NO 1028
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1028

Ala Val Thr Ser Leu
1 5

<210> SEQ ID NO 1029
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<400> SEQUENCE: 1029

Val Thr Ser Leu Gly
1 5

<210> SEQ ID NO 1030
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1030

Thr Ser Leu Gly Pro
1 5

<210> SEQ ID NO 1031
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<400> SEQUENCE: 1031

Ser Leu Gly Pro Gly
1 5

<210> SEQ ID NO 1032
<211> LENGTH: 5
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<400> SEQUENCE: 1032

Leu Gly Pro Gly Ala
1 5

<210> SEQ ID NO 1033
<211> LENGTH: 5
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<400> SEQUENCE: 1033

Gly Pro Gly Ala Glu

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<210> SEQ ID NO 1034
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<400> SEQUENCE: 1034

Pro Gly Ala Glu Gly
1 5

<210> SEQ ID NO 1035
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1035

Gly Ala Glu Gly Leu
1 5

<210> SEQ ID NO 1036
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<400> SEQUENCE: 1036

Ala Glu Gly Leu His
1 5

<210> SEQ ID NO 1037
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<400> SEQUENCE: 1037

Glu Gly Leu His Pro
1 5

<210> SEQ ID NO 1038
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1038

Gly Leu His Pro Phe
1 5

<210> SEQ ID NO 1039
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1039

Leu His Pro Phe Met
1 5

<210> SEQ ID NO 1040
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<400> SEQUENCE: 1040

His Pro Phe Met Glu
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<210> SEQ ID NO 1041
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1041

Pro Phe Met Glu Leu
1 5

<210> SEQ ID NO 1042
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1042

Phe Met Glu Leu Arg
1 5

<210> SEQ ID NO 1043
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1043

Met Glu Leu Arg Val
1 5

<210> SEQ ID NO 1044
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1044

Glu Leu Arg Val Leu
1 5

<210> SEQ ID NO 1045
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1045

Leu Arg Val Leu Glu
1 5

<210> SEQ ID NO 1046
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1046

Arg Val Leu Glu Asn
1 5

<210> SEQ ID NO 1047
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1047

Val Leu Glu Asn Thr
1 5

<210> SEQ ID NO 1048

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<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1048

Leu Glu Asn Thr Lys
1 5

<210> SEQ ID NO 1049
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1049

Glu Asn Thr Lys Arg
1 5

<210> SEQ ID NO 1050
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1050

Asn Thr Lys Arg Ser
1 5

<210> SEQ ID NO 1051
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1051

Thr Lys Arg Ser Arg
1 5

<210> SEQ ID NO 1052
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1052

Lys Arg Ser Arg Arg
1 5

<210> SEQ ID NO 1053
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1053

Arg Ser Arg Arg Asn
1 5

<210> SEQ ID NO 1054
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1054

Ser Arg Arg Asn Leu
1 5

<210> SEQ ID NO 1055
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1055

Arg Arg Asn Leu Gly
1 5

<210> SEQ ID NO 1056

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1056

Arg Asn Leu Gly Leu
1 5

<210> SEQ ID NO 1057

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1057

Asn Leu Gly Leu Asp
1 5

<210> SEQ ID NO 1058

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1058

Leu Gly Leu Asp Cys
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<210> SEQ ID NO 1059

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1059

Gly Leu Asp Cys Asp
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<210> SEQ ID NO 1060

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1060

Leu Asp Cys Asp Glu
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<210> SEQ ID NO 1061

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1061

Asp Cys Asp Glu His
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<210> SEQ ID NO 1062

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1062

Cys Asp Glu His Ser
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<210> SEQ ID NO 1063

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1063

Asp Glu His Ser Ser
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<210> SEQ ID NO 1064

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1064

Glu His Ser Ser Glu
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<210> SEQ ID NO 1065

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1065

His Ser Ser Glu Ser
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<210> SEQ ID NO 1066

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1066

Ser Ser Glu Ser Arg
1 5

<210> SEQ ID NO 1067

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1067

Ser Glu Ser Arg Cys
1 5

<210> SEQ ID NO 1068

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1068

Glu Ser Arg Cys Cys
1 5

<210> SEQ ID NO 1069

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1069

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Ser Arg Cys Cys Arg
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<210> SEQ ID NO 1070
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1070

Arg Cys Cys Arg Tyr
1 5

<210> SEQ ID NO 1071
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1071

Cys Cys Arg Tyr Pro
1 5

<210> SEQ ID NO 1072
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1072

Cys Arg Tyr Pro Leu
1 5

<210> SEQ ID NO 1073
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1073

Arg Tyr Pro Leu Thr
1 5

<210> SEQ ID NO 1074
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1074

Tyr Pro Leu Thr Val
1 5

<210> SEQ ID NO 1075
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1075

Pro Leu Thr Val Asp
1 5

<210> SEQ ID NO 1076
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1076

Leu Thr Val Asp Phe
1 5

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<210> SEQ ID NO 1077
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1077

Thr Val Asp Phe Glu
1 5

<210> SEQ ID NO 1078
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1078

Val Asp Phe Glu Ala
1 5

<210> SEQ ID NO 1079
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1079

Asp Phe Glu Ala Phe
1 5

<210> SEQ ID NO 1080
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1080

Phe Glu Ala Phe Gly
1 5

<210> SEQ ID NO 1081
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1081

Glu Ala Phe Gly Trp
1 5

<210> SEQ ID NO 1082
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1082

Ala Phe Gly Trp Asp
1 5

<210> SEQ ID NO 1083
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1083

Phe Gly Trp Asp Trp
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<210> SEQ ID NO 1084
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1084

Gly Trp Asp Trp Ile
1 5

<210> SEQ ID NO 1085
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1085

Trp Asp Trp Ile Ile
1 5

<210> SEQ ID NO 1086
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1086

Asp Trp Ile Ile Ala
1 5

<210> SEQ ID NO 1087
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1087

Trp Ile Ile Ala Pro
1 5

<210> SEQ ID NO 1088
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1088

Ile Ile Ala Pro Lys
1 5

<210> SEQ ID NO 1089
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1089

Ile Ala Pro Lys Arg
1 5

<210> SEQ ID NO 1090
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1090

Ala Pro Lys Arg Tyr
1 5

<210> SEQ ID NO 1091
<211> LENGTH: 5

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1091

Pro Lys Arg Tyr Lys
1 5

<210> SEQ ID NO 1092
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1092

Lys Arg Tyr Lys Ala
1 5

<210> SEQ ID NO 1093
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1093

Arg Tyr Lys Ala Asn
1 5

<210> SEQ ID NO 1094
<211> LENGTH: 5
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<400> SEQUENCE: 1094

Tyr Lys Ala Asn Tyr
1 5

<210> SEQ ID NO 1095
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1095

Lys Ala Asn Tyr Cys
1 5

<210> SEQ ID NO 1096
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1096

Ala Asn Tyr Cys Ser
1 5

<210> SEQ ID NO 1097
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1097

Asn Tyr Cys Ser Gly
1 5

<210> SEQ ID NO 1098
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1098

Tyr Cys Ser Gly Gln
1 5

<210> SEQ ID NO 1099

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1099

Cys Ser Gly Gln Cys
1 5

<210> SEQ ID NO 1100

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1100

Ser Gly Gln Cys Glu
1 5

<210> SEQ ID NO 1101

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1101

Gly Gln Cys Glu Tyr
1 5

<210> SEQ ID NO 1102

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1102

Gln Cys Glu Tyr Met
1 5

<210> SEQ ID NO 1103

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1103

Cys Glu Tyr Met Phe
1 5

<210> SEQ ID NO 1104

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1104

Glu Tyr Met Phe Met
1 5

<210> SEQ ID NO 1105

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1105

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Tyr Met Phe Met Gln
1 5

<210> SEQ ID NO 1106
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1106

Met Phe Met Gln Lys
1 5

<210> SEQ ID NO 1107
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1107

Phe Met Gln Lys Tyr
1 5

<210> SEQ ID NO 1108
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1108

Met Gln Lys Tyr Pro
1 5

<210> SEQ ID NO 1109
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1109

Gln Lys Tyr Pro His
1 5

<210> SEQ ID NO 1110
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1110

Lys Tyr Pro His Thr
1 5

<210> SEQ ID NO 1111
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1111

Tyr Pro His Thr His
1 5

<210> SEQ ID NO 1112
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1112

Pro His Thr His Leu

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<210> SEQ ID NO 1113
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1113

His Thr His Leu Val
1 5

<210> SEQ ID NO 1114
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1114

Thr His Leu Val Gln
1 5

<210> SEQ ID NO 1115
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1115

His Leu Val Gln Gln
1 5

<210> SEQ ID NO 1116
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1116

Leu Val Gln Gln Ala
1 5

<210> SEQ ID NO 1117
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1117

Val Gln Gln Ala Asn
1 5

<210> SEQ ID NO 1118
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1118

Gln Gln Ala Asn Pro
1 5

<210> SEQ ID NO 1119
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1119

Gln Ala Asn Pro Arg
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<210> SEQ ID NO 1120
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1120

Ala Asn Pro Arg Gly
1 5

<210> SEQ ID NO 1121
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1121

Asn Pro Arg Gly Ser
1 5

<210> SEQ ID NO 1122
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1122

Pro Arg Gly Ser Ala
1 5

<210> SEQ ID NO 1123
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1123

Arg Gly Ser Ala Gly
1 5

<210> SEQ ID NO 1124
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1124

Gly Ser Ala Gly Pro
1 5

<210> SEQ ID NO 1125
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1125

Ser Ala Gly Pro Cys
1 5

<210> SEQ ID NO 1126
<211> LENGTH: 5
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1126

Ala Gly Pro Cys Cys
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<210> SEQ ID NO 1127

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<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1127

Gly Pro Cys Cys Thr
1 5

<210> SEQ ID NO 1128
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1128

Pro Cys Cys Thr Pro
1 5

<210> SEQ ID NO 1129
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1129

Cys Cys Thr Pro Thr
1 5

<210> SEQ ID NO 1130
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1130

Cys Thr Pro Thr Lys
1 5

<210> SEQ ID NO 1131
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1131

Thr Pro Thr Lys Met
1 5

<210> SEQ ID NO 1132
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1132

Pro Thr Lys Met Ser
1 5

<210> SEQ ID NO 1133
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1133

Thr Lys Met Ser Pro
1 5

<210> SEQ ID NO 1134
<211> LENGTH: 5
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1134

Lys Met Ser Pro Ile
1 5

<210> SEQ ID NO 1135

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1135

Met Ser Pro Ile Asn
1 5

<210> SEQ ID NO 1136

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1136

Ser Pro Ile Asn Met
1 5

<210> SEQ ID NO 1137

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1137

Pro Ile Asn Met Leu
1 5

<210> SEQ ID NO 1138

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1138

Ile Asn Met Leu Tyr
1 5

<210> SEQ ID NO 1139

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1139

Asn Met Leu Tyr Phe
1 5

<210> SEQ ID NO 1140

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1140

Met Leu Tyr Phe Asn
1 5

<210> SEQ ID NO 1141

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1141

Leu Tyr Phe Asn Asp
1 5

<210> SEQ ID NO 1142

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1142

Tyr Phe Asn Asp Lys
1 5

<210> SEQ ID NO 1143

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1143

Phe Asn Asp Lys Gln
1 5

<210> SEQ ID NO 1144

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1144

Asn Asp Lys Gln Gln
1 5

<210> SEQ ID NO 1145

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1145

Asp Lys Gln Gln Ile
1 5

<210> SEQ ID NO 1146

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1146

Lys Gln Gln Ile Ile
1 5

<210> SEQ ID NO 1147

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1147

Gln Gln Ile Ile Tyr
1 5

<210> SEQ ID NO 1148

<211> LENGTH: 5

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1148

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Gln Ile Ile Tyr Gly
1 5

<210> SEQ ID NO 1149
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1149

Ile Ile Tyr Gly Lys
1 5

<210> SEQ ID NO 1150
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1150

Ile Tyr Gly Lys Ile
1 5

<210> SEQ ID NO 1151
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1151

Tyr Gly Lys Ile Pro
1 5

<210> SEQ ID NO 1152
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1152

Gly Lys Ile Pro Gly
1 5

<210> SEQ ID NO 1153
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1153

Lys Ile Pro Gly Met
1 5

<210> SEQ ID NO 1154
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1154

Ile Pro Gly Met Val
1 5

<210> SEQ ID NO 1155
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1155

Pro Gly Met Val Val
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<210> SEQ ID NO 1156
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1156

Gly Met Val Val Asp
1 5

<210> SEQ ID NO 1157
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1157

Met Val Val Asp Arg
1 5

<210> SEQ ID NO 1158
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1158

Val Val Asp Arg Cys
1 5

<210> SEQ ID NO 1159
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1159

Val Asp Arg Cys Gly
1 5

<210> SEQ ID NO 1160
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1160

Asp Arg Cys Gly Cys
1 5

<210> SEQ ID NO 1161
<211> LENGTH: 5
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1161

Arg Cys Gly Cys Ser
1 5

<210> SEQ ID NO 1162
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1162

Met Val Leu Ala Ala Pro
1 5

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<210> SEQ ID NO 1163
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1163

Val Leu Ala Ala Pro Leu
1 5

<210> SEQ ID NO 1164
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1164

Leu Ala Ala Pro Leu Leu
1 5

<210> SEQ ID NO 1165
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1165

Ala Ala Pro Leu Leu Leu
1 5

<210> SEQ ID NO 1166
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1166

Ala Pro Leu Leu Leu Gly
1 5

<210> SEQ ID NO 1167
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1167

Pro Leu Leu Leu Gly Phe
1 5

<210> SEQ ID NO 1168
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1168

Leu Leu Leu Gly Phe Leu
1 5

<210> SEQ ID NO 1169
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1169

Leu Leu Gly Phe Leu Leu
1 5

<210> SEQ ID NO 1170
<211> LENGTH: 6

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1170

Leu Gly Phe Leu Leu Leu
1 5

<210> SEQ ID NO 1171
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1171

Gly Phe Leu Leu Leu Ala
1 5

<210> SEQ ID NO 1172
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1172

Phe Leu Leu Leu Ala Leu
1 5

<210> SEQ ID NO 1173
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1173

Leu Leu Leu Ala Leu Glu
1 5

<210> SEQ ID NO 1174
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1174

Leu Leu Ala Leu Glu Leu
1 5

<210> SEQ ID NO 1175
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1175

Leu Ala Leu Glu Leu Arg
1 5

<210> SEQ ID NO 1176
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1176

Ala Leu Glu Leu Arg Pro
1 5

<210> SEQ ID NO 1177
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1177

Leu Glu Leu Arg Pro Arg
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<210> SEQ ID NO 1178

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1178

Glu Leu Arg Pro Arg Gly
1 5

<210> SEQ ID NO 1179

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1179

Leu Arg Pro Arg Gly Glu
1 5

<210> SEQ ID NO 1180

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1180

Arg Pro Arg Gly Glu Ala
1 5

<210> SEQ ID NO 1181

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1181

Pro Arg Gly Glu Ala Ala
1 5

<210> SEQ ID NO 1182

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1182

Arg Gly Glu Ala Ala Glu
1 5

<210> SEQ ID NO 1183

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1183

Gly Glu Ala Ala Glu Gly
1 5

<210> SEQ ID NO 1184

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1184

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Glu Ala Ala Glu Gly Pro
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<210> SEQ ID NO 1185
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1185

Ala Ala Glu Gly Pro Ala
1 5

<210> SEQ ID NO 1186
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1186

Ala Glu Gly Pro Ala Ala
1 5

<210> SEQ ID NO 1187
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1187

Glu Gly Pro Ala Ala Ala
1 5

<210> SEQ ID NO 1188
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1188

Gly Pro Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1189
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1189

Pro Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1190
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1190

Ala Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1191
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1191

Ala Ala Ala Ala Ala Gly

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1 5

<210> SEQ ID NO 1192
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1192

Ala Ala Ala Ala Gly Val
1 5

<210> SEQ ID NO 1193
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1193

Ala Ala Ala Gly Val Gly
1 5

<210> SEQ ID NO 1194
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1194

Ala Ala Gly Val Gly Gly
1 5

<210> SEQ ID NO 1195
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1195

Ala Gly Val Gly Gly Glu
1 5

<210> SEQ ID NO 1196
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1196

Gly Val Gly Gly Glu Arg
1 5

<210> SEQ ID NO 1197
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1197

Val Gly Gly Glu Arg Ser
1 5

<210> SEQ ID NO 1198
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1198

Gly Gly Glu Arg Ser Ser
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<210> SEQ ID NO 1199
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1199

Gly Glu Arg Ser Ser Arg
1 5

<210> SEQ ID NO 1200
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1200

Glu Arg Ser Ser Arg Pro
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<210> SEQ ID NO 1201
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1201

Arg Ser Ser Arg Pro Ala
1 5

<210> SEQ ID NO 1202
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1202

Ser Ser Arg Pro Ala Pro
1 5

<210> SEQ ID NO 1203
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1203

Ser Arg Pro Ala Pro Ser
1 5

<210> SEQ ID NO 1204
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1204

Arg Pro Ala Pro Ser Val
1 5

<210> SEQ ID NO 1205
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1205

Pro Ala Pro Ser Val Ala
1 5

<210> SEQ ID NO 1206

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<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1206

Ala Pro Ser Val Ala Pro
1 5

<210> SEQ ID NO 1207
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1207

Pro Ser Val Ala Pro Glu
1 5

<210> SEQ ID NO 1208
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1208

Ser Val Ala Pro Glu Pro
1 5

<210> SEQ ID NO 1209
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1209

Val Ala Pro Glu Pro Asp
1 5

<210> SEQ ID NO 1210
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1210

Ala Pro Glu Pro Asp Gly
1 5

<210> SEQ ID NO 1211
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1211

Pro Glu Pro Asp Gly Cys
1 5

<210> SEQ ID NO 1212
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1212

Glu Pro Asp Gly Cys Pro
1 5

<210> SEQ ID NO 1213
<211> LENGTH: 6
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1213

Pro Asp Gly Cys Pro Val
1 5

<210> SEQ ID NO 1214

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1214

Asp Gly Cys Pro Val Cys
1 5

<210> SEQ ID NO 1215

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1215

Gly Cys Pro Val Cys Val
1 5

<210> SEQ ID NO 1216

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1216

Cys Pro Val Cys Val Trp
1 5

<210> SEQ ID NO 1217

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1217

Pro Val Cys Val Trp Arg
1 5

<210> SEQ ID NO 1218

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1218

Val Cys Val Trp Arg Gln
1 5

<210> SEQ ID NO 1219

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1219

Cys Val Trp Arg Gln His
1 5

<210> SEQ ID NO 1220

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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Val Trp Arg Gln His Ser
1 5

<210> SEQ ID NO 1221

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1221

Trp Arg Gln His Ser Arg
1 5

<210> SEQ ID NO 1222

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1222

Arg Gln His Ser Arg Glu
1 5

<210> SEQ ID NO 1223

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1223

Gln His Ser Arg Glu Leu
1 5

<210> SEQ ID NO 1224

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1224

His Ser Arg Glu Leu Arg
1 5

<210> SEQ ID NO 1225

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1225

Ser Arg Glu Leu Arg Leu
1 5

<210> SEQ ID NO 1226

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1226

Arg Glu Leu Arg Leu Glu
1 5

<210> SEQ ID NO 1227

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1227

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Glu Leu Arg Leu Glu Ser
1 5

<210> SEQ ID NO 1228
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1228

Leu Arg Leu Glu Ser Ile
1 5

<210> SEQ ID NO 1229
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1229

Arg Leu Glu Ser Ile Lys
1 5

<210> SEQ ID NO 1230
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1230

Leu Glu Ser Ile Lys Ser
1 5

<210> SEQ ID NO 1231
<211> LENGTH: 6
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<400> SEQUENCE: 1231

Glu Ser Ile Lys Ser Gln
1 5

<210> SEQ ID NO 1232
<211> LENGTH: 6
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<400> SEQUENCE: 1232

Ser Ile Lys Ser Gln Ile
1 5

<210> SEQ ID NO 1233
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1233

Ile Lys Ser Gln Ile Leu
1 5

<210> SEQ ID NO 1234
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Lys Ser Gln Ile Leu Ser
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<210> SEQ ID NO 1235
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<400> SEQUENCE: 1235

Ser Gln Ile Leu Ser Lys
1 5

<210> SEQ ID NO 1236
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1236

Gln Ile Leu Ser Lys Leu
1 5

<210> SEQ ID NO 1237
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1237

Ile Leu Ser Lys Leu Arg
1 5

<210> SEQ ID NO 1238
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1238

Leu Ser Lys Leu Arg Leu
1 5

<210> SEQ ID NO 1239
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1239

Ser Lys Leu Arg Leu Lys
1 5

<210> SEQ ID NO 1240
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1240

Lys Leu Arg Leu Lys Glu
1 5

<210> SEQ ID NO 1241
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1241

Leu Arg Leu Lys Glu Ala
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<210> SEQ ID NO 1242
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1242

Arg Leu Lys Glu Ala Pro
1 5

<210> SEQ ID NO 1243
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1243

Leu Lys Glu Ala Pro Asn
1 5

<210> SEQ ID NO 1244
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1244

Lys Glu Ala Pro Asn Ile
1 5

<210> SEQ ID NO 1245
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1245

Glu Ala Pro Asn Ile Ser
1 5

<210> SEQ ID NO 1246
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1246

Ala Pro Asn Ile Ser Arg
1 5

<210> SEQ ID NO 1247
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1247

Pro Asn Ile Ser Arg Glu
1 5

<210> SEQ ID NO 1248
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1248

Asn Ile Ser Arg Glu Val
1 5

<210> SEQ ID NO 1249
<211> LENGTH: 6

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<212> TYPE: PRT
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<400> SEQUENCE: 1249

Ile Ser Arg Glu Val Val
1 5

<210> SEQ ID NO 1250
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1250

Ser Arg Glu Val Val Lys
1 5

<210> SEQ ID NO 1251
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1251

Arg Glu Val Val Lys Gln
1 5

<210> SEQ ID NO 1252
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1252

Glu Val Val Lys Gln Leu
1 5

<210> SEQ ID NO 1253
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1253

Val Val Lys Gln Leu Leu
1 5

<210> SEQ ID NO 1254
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1254

Val Lys Gln Leu Leu Pro
1 5

<210> SEQ ID NO 1255
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1255

Lys Gln Leu Leu Pro Lys
1 5

<210> SEQ ID NO 1256
<211> LENGTH: 6
<212> TYPE: PRT
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<400> SEQUENCE: 1256

Gln Leu Leu Pro Lys Ala
1 5

<210> SEQ ID NO 1257
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1257

Leu Leu Pro Lys Ala Pro
1 5

<210> SEQ ID NO 1258
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1258

Leu Pro Lys Ala Pro Pro
1 5

<210> SEQ ID NO 1259
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1259

Pro Lys Ala Pro Pro Leu
1 5

<210> SEQ ID NO 1260
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1260

Lys Ala Pro Pro Leu Gln
1 5

<210> SEQ ID NO 1261
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1261

Ala Pro Pro Leu Gln Gln
1 5

<210> SEQ ID NO 1262
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1262

Pro Pro Leu Gln Gln Ile
1 5

<210> SEQ ID NO 1263
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1263

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Pro Leu Gln Gln Ile Leu
1 5

<210> SEQ ID NO 1264
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1264

Leu Gln Gln Ile Leu Asp
1 5

<210> SEQ ID NO 1265
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1265

Gln Gln Ile Leu Asp Leu
1 5

<210> SEQ ID NO 1266
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1266

Gln Ile Leu Asp Leu His
1 5

<210> SEQ ID NO 1267
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1267

Ile Leu Asp Leu His Asp
1 5

<210> SEQ ID NO 1268
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1268

Leu Asp Leu His Asp Phe
1 5

<210> SEQ ID NO 1269
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1269

Asp Leu His Asp Phe Gln
1 5

<210> SEQ ID NO 1270
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1270

Leu His Asp Phe Gln Gly

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1 5

<210> SEQ ID NO 1271
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1271

His Asp Phe Gln Gly Asp
1 5

<210> SEQ ID NO 1272
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1272

Asp Phe Gln Gly Asp Ala
1 5

<210> SEQ ID NO 1273
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1273

Phe Gln Gly Asp Ala Leu
1 5

<210> SEQ ID NO 1274
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1274

Gln Gly Asp Ala Leu Gln
1 5

<210> SEQ ID NO 1275
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1275

Gly Asp Ala Leu Gln Pro
1 5

<210> SEQ ID NO 1276
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1276

Asp Ala Leu Gln Pro Glu
1 5

<210> SEQ ID NO 1277
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1277

Ala Leu Gln Pro Glu Asp
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<210> SEQ ID NO 1278
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1278

Leu Gln Pro Glu Asp Phe
1 5

<210> SEQ ID NO 1279
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1279

Gln Pro Glu Asp Phe Leu
1 5

<210> SEQ ID NO 1280
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1280

Pro Glu Asp Phe Leu Glu
1 5

<210> SEQ ID NO 1281
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1281

Glu Asp Phe Leu Glu Glu
1 5

<210> SEQ ID NO 1282
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1282

Asp Phe Leu Glu Glu Asp
1 5

<210> SEQ ID NO 1283
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1283

Phe Leu Glu Glu Asp Glu
1 5

<210> SEQ ID NO 1284
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1284

Leu Glu Glu Asp Glu Tyr
1 5

<210> SEQ ID NO 1285

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<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1285

Glu Glu Asp Glu Tyr His
1 5

<210> SEQ ID NO 1286
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1286

Glu Asp Glu Tyr His Ala
1 5

<210> SEQ ID NO 1287
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1287

Asp Glu Tyr His Ala Thr
1 5

<210> SEQ ID NO 1288
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1288

Glu Tyr His Ala Thr Thr
1 5

<210> SEQ ID NO 1289
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1289

Tyr His Ala Thr Thr Glu
1 5

<210> SEQ ID NO 1290
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1290

His Ala Thr Thr Glu Thr
1 5

<210> SEQ ID NO 1291
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1291

Ala Thr Thr Glu Thr Val
1 5

<210> SEQ ID NO 1292
<211> LENGTH: 6
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1292

Thr Thr Glu Thr Val Ile
1 5

<210> SEQ ID NO 1293

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1293

Thr Glu Thr Val Ile Ser
1 5

<210> SEQ ID NO 1294

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1294

Glu Thr Val Ile Ser Met
1 5

<210> SEQ ID NO 1295

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1295

Thr Val Ile Ser Met Ala
1 5

<210> SEQ ID NO 1296

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1296

Val Ile Ser Met Ala Gln
1 5

<210> SEQ ID NO 1297

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1297

Ile Ser Met Ala Gln Glu
1 5

<210> SEQ ID NO 1298

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1298

Ser Met Ala Gln Glu Thr
1 5

<210> SEQ ID NO 1299

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1299

Met Ala Gln Glu Thr Asp
1 5

<210> SEQ ID NO 1300

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1300

Ala Gln Glu Thr Asp Pro
1 5

<210> SEQ ID NO 1301

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1301

Gln Glu Thr Asp Pro Ala
1 5

<210> SEQ ID NO 1302

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1302

Glu Thr Asp Pro Ala Val
1 5

<210> SEQ ID NO 1303

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1303

Thr Asp Pro Ala Val Gln
1 5

<210> SEQ ID NO 1304

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1304

Asp Pro Ala Val Gln Thr
1 5

<210> SEQ ID NO 1305

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1305

Pro Ala Val Gln Thr Asp
1 5

<210> SEQ ID NO 1306

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1306

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Ala Val Gln Thr Asp Gly
1 5

<210> SEQ ID NO 1307
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1307

Val Gln Thr Asp Gly Ser
1 5

<210> SEQ ID NO 1308
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1308

Gln Thr Asp Gly Ser Pro
1 5

<210> SEQ ID NO 1309
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1309

Thr Asp Gly Ser Pro Leu
1 5

<210> SEQ ID NO 1310
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1310

Asp Gly Ser Pro Leu Cys
1 5

<210> SEQ ID NO 1311
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1311

Gly Ser Pro Leu Cys Cys
1 5

<210> SEQ ID NO 1312
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1312

Ser Pro Leu Cys Cys His
1 5

<210> SEQ ID NO 1313
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1313

Pro Leu Cys Cys His Phe
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<210> SEQ ID NO 1314
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1314

Leu Cys Cys His Phe His
1 5

<210> SEQ ID NO 1315
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1315

Cys Cys His Phe His Phe
1 5

<210> SEQ ID NO 1316
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1316

Cys His Phe His Phe Ser
1 5

<210> SEQ ID NO 1317
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1317

His Phe His Phe Ser Pro
1 5

<210> SEQ ID NO 1318
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1318

Phe His Phe Ser Pro Lys
1 5

<210> SEQ ID NO 1319
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1319

His Phe Ser Pro Lys Val
1 5

<210> SEQ ID NO 1320
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1320

Phe Ser Pro Lys Val Met
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<210> SEQ ID NO 1321
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1321

Ser Pro Lys Val Met Phe
1 5

<210> SEQ ID NO 1322
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1322

Pro Lys Val Met Phe Thr
1 5

<210> SEQ ID NO 1323
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1323

Lys Val Met Phe Thr Lys
1 5

<210> SEQ ID NO 1324
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1324

Val Met Phe Thr Lys Val
1 5

<210> SEQ ID NO 1325
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1325

Met Phe Thr Lys Val Leu
1 5

<210> SEQ ID NO 1326
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1326

Phe Thr Lys Val Leu Lys
1 5

<210> SEQ ID NO 1327
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1327

Thr Lys Val Leu Lys Ala
1 5

<210> SEQ ID NO 1328
<211> LENGTH: 6

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1328

Lys Val Leu Lys Ala Gln
1 5

<210> SEQ ID NO 1329
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1329

Val Leu Lys Ala Gln Leu
1 5

<210> SEQ ID NO 1330
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1330

Leu Lys Ala Gln Leu Trp
1 5

<210> SEQ ID NO 1331
<211> LENGTH: 6
<212> TYPE: PRT
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Lys Ala Gln Leu Trp Val
1 5

<210> SEQ ID NO 1332
<211> LENGTH: 6
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<400> SEQUENCE: 1332

Ala Gln Leu Trp Val Tyr
1 5

<210> SEQ ID NO 1333
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1333

Gln Leu Trp Val Tyr Leu
1 5

<210> SEQ ID NO 1334
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1334

Leu Trp Val Tyr Leu Arg
1 5

<210> SEQ ID NO 1335
<211> LENGTH: 6
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<400> SEQUENCE: 1335

Trp Val Tyr Leu Arg Pro
1 5

<210> SEQ ID NO 1336
<211> LENGTH: 6
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<400> SEQUENCE: 1336

Val Tyr Leu Arg Pro Val
1 5

<210> SEQ ID NO 1337
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1337

Tyr Leu Arg Pro Val Pro
1 5

<210> SEQ ID NO 1338
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1338

Leu Arg Pro Val Pro Arg
1 5

<210> SEQ ID NO 1339
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1339

Arg Pro Val Pro Arg Pro
1 5

<210> SEQ ID NO 1340
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1340

Pro Val Pro Arg Pro Ala
1 5

<210> SEQ ID NO 1341
<211> LENGTH: 6
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<400> SEQUENCE: 1341

Val Pro Arg Pro Ala Thr
1 5

<210> SEQ ID NO 1342
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1342

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Pro Arg Pro Ala Thr Val
1 5

<210> SEQ ID NO 1343
<211> LENGTH: 6
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<400> SEQUENCE: 1343

Arg Pro Ala Thr Val Tyr
1 5

<210> SEQ ID NO 1344
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1344

Pro Ala Thr Val Tyr Leu
1 5

<210> SEQ ID NO 1345
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1345

Ala Thr Val Tyr Leu Gln
1 5

<210> SEQ ID NO 1346
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1346

Thr Val Tyr Leu Gln Ile
1 5

<210> SEQ ID NO 1347
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1347

Val Tyr Leu Gln Ile Leu
1 5

<210> SEQ ID NO 1348
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1348

Tyr Leu Gln Ile Leu Arg
1 5

<210> SEQ ID NO 1349
<211> LENGTH: 6
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<400> SEQUENCE: 1349

Leu Gln Ile Leu Arg Leu

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<210> SEQ ID NO 1350
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<400> SEQUENCE: 1350

Gln Ile Leu Arg Leu Lys
1 5

<210> SEQ ID NO 1351
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1351

Ile Leu Arg Leu Lys Pro
1 5

<210> SEQ ID NO 1352
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1352

Leu Arg Leu Lys Pro Leu
1 5

<210> SEQ ID NO 1353
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1353

Arg Leu Lys Pro Leu Thr
1 5

<210> SEQ ID NO 1354
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1354

Leu Lys Pro Leu Thr Gly
1 5

<210> SEQ ID NO 1355
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1355

Lys Pro Leu Thr Gly Glu
1 5

<210> SEQ ID NO 1356
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1356

Pro Leu Thr Gly Glu Gly
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<210> SEQ ID NO 1357
<211> LENGTH: 6
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<400> SEQUENCE: 1357

Leu Thr Gly Glu Gly Thr
1 5

<210> SEQ ID NO 1358
<211> LENGTH: 6
<212> TYPE: PRT
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<400> SEQUENCE: 1358

Thr Gly Glu Gly Thr Ala
1 5

<210> SEQ ID NO 1359
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<400> SEQUENCE: 1359

Gly Glu Gly Thr Ala Gly
1 5

<210> SEQ ID NO 1360
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1360

Glu Gly Thr Ala Gly Gly
1 5

<210> SEQ ID NO 1361
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1361

Gly Thr Ala Gly Gly Gly
1 5

<210> SEQ ID NO 1362
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1362

Thr Ala Gly Gly Gly Gly
1 5

<210> SEQ ID NO 1363
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1363

Ala Gly Gly Gly Gly Gly
1 5

<210> SEQ ID NO 1364

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<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1364

Gly Gly Gly Gly Gly Gly
1 5

<210> SEQ ID NO 1365
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1365

Gly Gly Gly Gly Gly Arg
1 5

<210> SEQ ID NO 1366
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1366

Gly Gly Gly Gly Arg Arg
1 5

<210> SEQ ID NO 1367
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1367

Gly Gly Gly Arg Arg His
1 5

<210> SEQ ID NO 1368
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1368

Gly Gly Arg Arg His Ile
1 5

<210> SEQ ID NO 1369
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1369

Gly Arg Arg His Ile Arg
1 5

<210> SEQ ID NO 1370
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1370

Arg Arg His Ile Arg Ile
1 5

<210> SEQ ID NO 1371
<211> LENGTH: 6
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1371

Arg His Ile Arg Ile Arg
1 5

<210> SEQ ID NO 1372

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1372

His Ile Arg Ile Arg Ser
1 5

<210> SEQ ID NO 1373

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1373

Ile Arg Ile Arg Ser Leu
1 5

<210> SEQ ID NO 1374

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1374

Arg Ile Arg Ser Leu Lys
1 5

<210> SEQ ID NO 1375

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1375

Ile Arg Ser Leu Lys Ile
1 5

<210> SEQ ID NO 1376

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1376

Arg Ser Leu Lys Ile Glu
1 5

<210> SEQ ID NO 1377

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1377

Ser Leu Lys Ile Glu Leu
1 5

<210> SEQ ID NO 1378

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1378

Leu Lys Ile Glu Leu His
1 5

<210> SEQ ID NO 1379

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1379

Lys Ile Glu Leu His Ser
1 5

<210> SEQ ID NO 1380

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1380

Ile Glu Leu His Ser Arg
1 5

<210> SEQ ID NO 1381

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1381

Glu Leu His Ser Arg Ser
1 5

<210> SEQ ID NO 1382

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1382

Leu His Ser Arg Ser Gly
1 5

<210> SEQ ID NO 1383

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1383

His Ser Arg Ser Gly His
1 5

<210> SEQ ID NO 1384

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1384

Ser Arg Ser Gly His Trp
1 5

<210> SEQ ID NO 1385

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1385

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Arg Ser Gly His Trp Gln
1 5

<210> SEQ ID NO 1386
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1386

Ser Gly His Trp Gln Ser
1 5

<210> SEQ ID NO 1387
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1387

Gly His Trp Gln Ser Ile
1 5

<210> SEQ ID NO 1388
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1388

His Trp Gln Ser Ile Asp
1 5

<210> SEQ ID NO 1389
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1389

Trp Gln Ser Ile Asp Phe
1 5

<210> SEQ ID NO 1390
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1390

Gln Ser Ile Asp Phe Lys
1 5

<210> SEQ ID NO 1391
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1391

Ser Ile Asp Phe Lys Gln
1 5

<210> SEQ ID NO 1392
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1392

Ile Asp Phe Lys Gln Val
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<210> SEQ ID NO 1393
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1393

Asp Phe Lys Gln Val Leu
1 5

<210> SEQ ID NO 1394
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1394

Phe Lys Gln Val Leu His
1 5

<210> SEQ ID NO 1395
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1395

Lys Gln Val Leu His Ser
1 5

<210> SEQ ID NO 1396
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1396

Gln Val Leu His Ser Trp
1 5

<210> SEQ ID NO 1397
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1397

Val Leu His Ser Trp Phe
1 5

<210> SEQ ID NO 1398
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1398

Leu His Ser Trp Phe Arg
1 5

<210> SEQ ID NO 1399
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1399

His Ser Trp Phe Arg Gln
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<210> SEQ ID NO 1400
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1400

Ser Trp Phe Arg Gln Pro
1 5

<210> SEQ ID NO 1401
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1401

Trp Phe Arg Gln Pro Gln
1 5

<210> SEQ ID NO 1402
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1402

Phe Arg Gln Pro Gln Ser
1 5

<210> SEQ ID NO 1403
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1403

Arg Gln Pro Gln Ser Asn
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<210> SEQ ID NO 1404
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1404

Gln Pro Gln Ser Asn Trp
1 5

<210> SEQ ID NO 1405
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1405

Pro Gln Ser Asn Trp Gly
1 5

<210> SEQ ID NO 1406
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1406

Gln Ser Asn Trp Gly Ile
1 5

<210> SEQ ID NO 1407
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1407

Ser Asn Trp Gly Ile Glu
1 5

<210> SEQ ID NO 1408
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1408

Asn Trp Gly Ile Glu Ile
1 5

<210> SEQ ID NO 1409
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1409

Trp Gly Ile Glu Ile Asn
1 5

<210> SEQ ID NO 1410
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1410

Gly Ile Glu Ile Asn Ala
1 5

<210> SEQ ID NO 1411
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1411

Ile Glu Ile Asn Ala Phe
1 5

<210> SEQ ID NO 1412
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1412

Glu Ile Asn Ala Phe Asp
1 5

<210> SEQ ID NO 1413
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1413

Ile Asn Ala Phe Asp Pro
1 5

<210> SEQ ID NO 1414
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1414

Asn Ala Phe Asp Pro Ser
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<210> SEQ ID NO 1415

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1415

Ala Phe Asp Pro Ser Gly
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<210> SEQ ID NO 1416

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1416

Phe Asp Pro Ser Gly Thr
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<210> SEQ ID NO 1417

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1417

Asp Pro Ser Gly Thr Asp
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<210> SEQ ID NO 1418

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1418

Pro Ser Gly Thr Asp Leu
1 5

<210> SEQ ID NO 1419

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1419

Ser Gly Thr Asp Leu Ala
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<210> SEQ ID NO 1420

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1420

Gly Thr Asp Leu Ala Val
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<210> SEQ ID NO 1421

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1421

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Thr Asp Leu Ala Val Thr
1 5

<210> SEQ ID NO 1422
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1422

Asp Leu Ala Val Thr Ser
1 5

<210> SEQ ID NO 1423
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1423

Leu Ala Val Thr Ser Leu
1 5

<210> SEQ ID NO 1424
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1424

Ala Val Thr Ser Leu Gly
1 5

<210> SEQ ID NO 1425
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1425

Val Thr Ser Leu Gly Pro
1 5

<210> SEQ ID NO 1426
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1426

Thr Ser Leu Gly Pro Gly
1 5

<210> SEQ ID NO 1427
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1427

Ser Leu Gly Pro Gly Ala
1 5

<210> SEQ ID NO 1428
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1428

Leu Gly Pro Gly Ala Glu

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1 5

<210> SEQ ID NO 1429
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1429

Gly Pro Gly Ala Glu Gly
1 5

<210> SEQ ID NO 1430
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1430

Pro Gly Ala Glu Gly Leu
1 5

<210> SEQ ID NO 1431
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1431

Gly Ala Glu Gly Leu His
1 5

<210> SEQ ID NO 1432
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1432

Ala Glu Gly Leu His Pro
1 5

<210> SEQ ID NO 1433
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1433

Glu Gly Leu His Pro Phe
1 5

<210> SEQ ID NO 1434
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1434

Gly Leu His Pro Phe Met
1 5

<210> SEQ ID NO 1435
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1435

Leu His Pro Phe Met Glu
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<210> SEQ ID NO 1436
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1436

His Pro Phe Met Glu Leu
1 5

<210> SEQ ID NO 1437
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1437

Pro Phe Met Glu Leu Arg
1 5

<210> SEQ ID NO 1438
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1438

Phe Met Glu Leu Arg Val
1 5

<210> SEQ ID NO 1439
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1439

Met Glu Leu Arg Val Leu
1 5

<210> SEQ ID NO 1440
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1440

Glu Leu Arg Val Leu Glu
1 5

<210> SEQ ID NO 1441
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1441

Leu Arg Val Leu Glu Asn
1 5

<210> SEQ ID NO 1442
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1442

Arg Val Leu Glu Asn Thr
1 5

<210> SEQ ID NO 1443

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<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1443

Val Leu Glu Asn Thr Lys
1 5

<210> SEQ ID NO 1444
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1444

Leu Glu Asn Thr Lys Arg
1 5

<210> SEQ ID NO 1445
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1445

Glu Asn Thr Lys Arg Ser
1 5

<210> SEQ ID NO 1446
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1446

Asn Thr Lys Arg Ser Arg
1 5

<210> SEQ ID NO 1447
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1447

Thr Lys Arg Ser Arg Arg
1 5

<210> SEQ ID NO 1448
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1448

Lys Arg Ser Arg Arg Asn
1 5

<210> SEQ ID NO 1449
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<400> SEQUENCE: 1449

Arg Ser Arg Arg Asn Leu
1 5

<210> SEQ ID NO 1450
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1450

Ser Arg Arg Asn Leu Gly
1 5

<210> SEQ ID NO 1451

<211> LENGTH: 6

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1451

Arg Arg Asn Leu Gly Leu
1 5

<210> SEQ ID NO 1452

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1452

Arg Asn Leu Gly Leu Asp
1 5

<210> SEQ ID NO 1453

<211> LENGTH: 6

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<400> SEQUENCE: 1453

Asn Leu Gly Leu Asp Cys
1 5

<210> SEQ ID NO 1454

<211> LENGTH: 6

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<400> SEQUENCE: 1454

Leu Gly Leu Asp Cys Asp
1 5

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<400> SEQUENCE: 1455

Gly Leu Asp Cys Asp Glu
1 5

<210> SEQ ID NO 1456

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<400> SEQUENCE: 1456

Leu Asp Cys Asp Glu His
1 5

<210> SEQ ID NO 1457

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<400> SEQUENCE: 1457

Asp Cys Asp Glu His Ser
1 5

<210> SEQ ID NO 1458

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<212> TYPE: PRT

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<400> SEQUENCE: 1458

Cys Asp Glu His Ser Ser
1 5

<210> SEQ ID NO 1459

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1459

Asp Glu His Ser Ser Glu
1 5

<210> SEQ ID NO 1460

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<400> SEQUENCE: 1460

Glu His Ser Ser Glu Ser
1 5

<210> SEQ ID NO 1461

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1461

His Ser Ser Glu Ser Arg
1 5

<210> SEQ ID NO 1462

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1462

Ser Ser Glu Ser Arg Cys
1 5

<210> SEQ ID NO 1463

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1463

Ser Glu Ser Arg Cys Cys
1 5

<210> SEQ ID NO 1464

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<400> SEQUENCE: 1464

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Glu Ser Arg Cys Cys Arg
1 5

<210> SEQ ID NO 1465
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<400> SEQUENCE: 1465

Ser Arg Cys Cys Arg Tyr
1 5

<210> SEQ ID NO 1466
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<400> SEQUENCE: 1466

Arg Cys Cys Arg Tyr Pro
1 5

<210> SEQ ID NO 1467
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<400> SEQUENCE: 1467

Cys Cys Arg Tyr Pro Leu
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<210> SEQ ID NO 1468
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<400> SEQUENCE: 1468

Cys Arg Tyr Pro Leu Thr
1 5

<210> SEQ ID NO 1469
<211> LENGTH: 6
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<400> SEQUENCE: 1469

Arg Tyr Pro Leu Thr Val
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<210> SEQ ID NO 1470
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<400> SEQUENCE: 1470

Tyr Pro Leu Thr Val Asp
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<210> SEQ ID NO 1471
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<400> SEQUENCE: 1471

Pro Leu Thr Val Asp Phe
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<400> SEQUENCE: 1472

Leu Thr Val Asp Phe Glu
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<210> SEQ ID NO 1473
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1473

Thr Val Asp Phe Glu Ala
1 5

<210> SEQ ID NO 1474
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<400> SEQUENCE: 1474

Val Asp Phe Glu Ala Phe
1 5

<210> SEQ ID NO 1475
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1475

Asp Phe Glu Ala Phe Gly
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<210> SEQ ID NO 1476
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1476

Phe Glu Ala Phe Gly Trp
1 5

<210> SEQ ID NO 1477
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<400> SEQUENCE: 1477

Glu Ala Phe Gly Trp Asp
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<210> SEQ ID NO 1478
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Ala Phe Gly Trp Asp Trp
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<210> SEQ ID NO 1479
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<400> SEQUENCE: 1479

Phe Gly Trp Asp Trp Ile
1 5

<210> SEQ ID NO 1480
<211> LENGTH: 6
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Gly Trp Asp Trp Ile Ile
1 5

<210> SEQ ID NO 1481
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<400> SEQUENCE: 1481

Trp Asp Trp Ile Ile Ala
1 5

<210> SEQ ID NO 1482
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<400> SEQUENCE: 1482

Asp Trp Ile Ile Ala Pro
1 5

<210> SEQ ID NO 1483
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1483

Trp Ile Ile Ala Pro Lys
1 5

<210> SEQ ID NO 1484
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1484

Ile Ile Ala Pro Lys Arg
1 5

<210> SEQ ID NO 1485
<211> LENGTH: 6
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<400> SEQUENCE: 1485

Ile Ala Pro Lys Arg Tyr
1 5

<210> SEQ ID NO 1486
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<212> TYPE: PRT
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<400> SEQUENCE: 1486

Ala Pro Lys Arg Tyr Lys
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<210> SEQ ID NO 1487
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1487

Pro Lys Arg Tyr Lys Ala
1 5

<210> SEQ ID NO 1488
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1488

Lys Arg Tyr Lys Ala Asn
1 5

<210> SEQ ID NO 1489
<211> LENGTH: 6
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<400> SEQUENCE: 1489

Arg Tyr Lys Ala Asn Tyr
1 5

<210> SEQ ID NO 1490
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1490

Tyr Lys Ala Asn Tyr Cys
1 5

<210> SEQ ID NO 1491
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1491

Lys Ala Asn Tyr Cys Ser
1 5

<210> SEQ ID NO 1492
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<400> SEQUENCE: 1492

Ala Asn Tyr Cys Ser Gly
1 5

<210> SEQ ID NO 1493
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<212> TYPE: PRT
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<400> SEQUENCE: 1493

Asn Tyr Cys Ser Gly Gln
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<210> SEQ ID NO 1494

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1494

Tyr Cys Ser Gly Gln Cys
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<210> SEQ ID NO 1495

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1495

Cys Ser Gly Gln Cys Glu
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<210> SEQ ID NO 1496

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1496

Ser Gly Gln Cys Glu Tyr
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<210> SEQ ID NO 1497

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1497

Gly Gln Cys Glu Tyr Met
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<210> SEQ ID NO 1498

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1498

Gln Cys Glu Tyr Met Phe
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<210> SEQ ID NO 1499

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1499

Cys Glu Tyr Met Phe Met
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<210> SEQ ID NO 1500

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1500

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Glu Tyr Met Phe Met Gln
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<210> SEQ ID NO 1501
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1501

Tyr Met Phe Met Gln Lys
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<210> SEQ ID NO 1502
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1502

Met Phe Met Gln Lys Tyr
1 5

<210> SEQ ID NO 1503
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1503

Phe Met Gln Lys Tyr Pro
1 5

<210> SEQ ID NO 1504
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1504

Met Gln Lys Tyr Pro His
1 5

<210> SEQ ID NO 1505
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1505

Gln Lys Tyr Pro His Thr
1 5

<210> SEQ ID NO 1506
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1506

Lys Tyr Pro His Thr His
1 5

<210> SEQ ID NO 1507
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1507

Tyr Pro His Thr His Leu

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<210> SEQ ID NO 1508
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1508

Pro His Thr His Leu Val
1 5

<210> SEQ ID NO 1509
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1509

His Thr His Leu Val Gln
1 5

<210> SEQ ID NO 1510
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1510

Thr His Leu Val Gln Gln
1 5

<210> SEQ ID NO 1511
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1511

His Leu Val Gln Gln Ala
1 5

<210> SEQ ID NO 1512
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1512

Leu Val Gln Gln Ala Asn
1 5

<210> SEQ ID NO 1513
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1513

Val Gln Gln Ala Asn Pro
1 5

<210> SEQ ID NO 1514
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1514

Gln Gln Ala Asn Pro Arg
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<210> SEQ ID NO 1515
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1515

Gln Ala Asn Pro Arg Gly
1 5

<210> SEQ ID NO 1516
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1516

Ala Asn Pro Arg Gly Ser
1 5

<210> SEQ ID NO 1517
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1517

Asn Pro Arg Gly Ser Ala
1 5

<210> SEQ ID NO 1518
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1518

Pro Arg Gly Ser Ala Gly
1 5

<210> SEQ ID NO 1519
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1519

Arg Gly Ser Ala Gly Pro
1 5

<210> SEQ ID NO 1520
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1520

Gly Ser Ala Gly Pro Cys
1 5

<210> SEQ ID NO 1521
<211> LENGTH: 6
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1521

Ser Ala Gly Pro Cys Cys
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<210> SEQ ID NO 1522

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<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1522

Ala Gly Pro Cys Cys Thr
1 5

<210> SEQ ID NO 1523
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1523

Gly Pro Cys Cys Thr Pro
1 5

<210> SEQ ID NO 1524
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1524

Pro Cys Cys Thr Pro Thr
1 5

<210> SEQ ID NO 1525
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1525

Cys Cys Thr Pro Thr Lys
1 5

<210> SEQ ID NO 1526
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1526

Cys Thr Pro Thr Lys Met
1 5

<210> SEQ ID NO 1527
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1527

Thr Pro Thr Lys Met Ser
1 5

<210> SEQ ID NO 1528
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1528

Pro Thr Lys Met Ser Pro
1 5

<210> SEQ ID NO 1529
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1529

Thr Lys Met Ser Pro Ile
1 5

<210> SEQ ID NO 1530

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1530

Lys Met Ser Pro Ile Asn
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<210> SEQ ID NO 1531

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1531

Met Ser Pro Ile Asn Met
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<210> SEQ ID NO 1532

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1532

Ser Pro Ile Asn Met Leu
1 5

<210> SEQ ID NO 1533

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1533

Pro Ile Asn Met Leu Tyr
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<210> SEQ ID NO 1534

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1534

Ile Asn Met Leu Tyr Phe
1 5

<210> SEQ ID NO 1535

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1535

Asn Met Leu Tyr Phe Asn
1 5

<210> SEQ ID NO 1536

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1536

Met Leu Tyr Phe Asn Asp
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<210> SEQ ID NO 1537

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1537

Leu Tyr Phe Asn Asp Lys
1 5

<210> SEQ ID NO 1538

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1538

Tyr Phe Asn Asp Lys Gln
1 5

<210> SEQ ID NO 1539

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1539

Phe Asn Asp Lys Gln Gln
1 5

<210> SEQ ID NO 1540

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1540

Asn Asp Lys Gln Gln Ile
1 5

<210> SEQ ID NO 1541

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1541

Asp Lys Gln Gln Ile Ile
1 5

<210> SEQ ID NO 1542

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1542

Lys Gln Gln Ile Ile Tyr
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<210> SEQ ID NO 1543

<211> LENGTH: 6

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1543

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Gln Gln Ile Ile Tyr Gly
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<210> SEQ ID NO 1544
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1544

Gln Ile Ile Tyr Gly Lys
1 5

<210> SEQ ID NO 1545
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1545

Ile Ile Tyr Gly Lys Ile
1 5

<210> SEQ ID NO 1546
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1546

Ile Tyr Gly Lys Ile Pro
1 5

<210> SEQ ID NO 1547
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1547

Tyr Gly Lys Ile Pro Gly
1 5

<210> SEQ ID NO 1548
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1548

Gly Lys Ile Pro Gly Met
1 5

<210> SEQ ID NO 1549
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1549

Lys Ile Pro Gly Met Val
1 5

<210> SEQ ID NO 1550
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1550

Ile Pro Gly Met Val Val
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<210> SEQ ID NO 1551
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1551

Pro Gly Met Val Val Asp
1 5

<210> SEQ ID NO 1552
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1552

Gly Met Val Val Asp Arg
1 5

<210> SEQ ID NO 1553
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1553

Met Val Val Asp Arg Cys
1 5

<210> SEQ ID NO 1554
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1554

Val Val Asp Arg Cys Gly
1 5

<210> SEQ ID NO 1555
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1555

Val Asp Arg Cys Gly Cys
1 5

<210> SEQ ID NO 1556
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1556

Asp Arg Cys Gly Cys Ser
1 5

<210> SEQ ID NO 1557
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1557

Met Val Leu Ala Ala Pro Leu
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<210> SEQ ID NO 1558
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1558

Val Leu Ala Ala Pro Leu Leu
1 5

<210> SEQ ID NO 1559
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1559

Leu Ala Ala Pro Leu Leu Leu
1 5

<210> SEQ ID NO 1560
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1560

Ala Ala Pro Leu Leu Leu Gly
1 5

<210> SEQ ID NO 1561
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1561

Ala Pro Leu Leu Leu Gly Phe
1 5

<210> SEQ ID NO 1562
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1562

Pro Leu Leu Leu Gly Phe Leu
1 5

<210> SEQ ID NO 1563
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1563

Leu Leu Leu Gly Phe Leu Leu
1 5

<210> SEQ ID NO 1564
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1564

Leu Leu Gly Phe Leu Leu Leu
1 5

<210> SEQ ID NO 1565
<211> LENGTH: 7

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1565

Leu Gly Phe Leu Leu Leu Ala
1 5

<210> SEQ ID NO 1566
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1566

Gly Phe Leu Leu Leu Ala Leu
1 5

<210> SEQ ID NO 1567
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1567

Phe Leu Leu Leu Ala Leu Glu
1 5

<210> SEQ ID NO 1568
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1568

Leu Leu Leu Ala Leu Glu Leu
1 5

<210> SEQ ID NO 1569
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1569

Leu Leu Ala Leu Glu Leu Arg
1 5

<210> SEQ ID NO 1570
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1570

Leu Ala Leu Glu Leu Arg Pro
1 5

<210> SEQ ID NO 1571
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1571

Ala Leu Glu Leu Arg Pro Arg
1 5

<210> SEQ ID NO 1572
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1572

Leu Glu Leu Arg Pro Arg Gly
1 5

<210> SEQ ID NO 1573

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1573

Glu Leu Arg Pro Arg Gly Glu
1 5

<210> SEQ ID NO 1574

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1574

Leu Arg Pro Arg Gly Glu Ala
1 5

<210> SEQ ID NO 1575

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1575

Arg Pro Arg Gly Glu Ala Ala
1 5

<210> SEQ ID NO 1576

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1576

Pro Arg Gly Glu Ala Ala Glu
1 5

<210> SEQ ID NO 1577

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1577

Arg Gly Glu Ala Ala Glu Gly
1 5

<210> SEQ ID NO 1578

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1578

Gly Glu Ala Ala Glu Gly Pro
1 5

<210> SEQ ID NO 1579

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1579

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Glu Ala Ala Glu Gly Pro Ala
1 5

<210> SEQ ID NO 1580
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1580

Ala Ala Glu Gly Pro Ala Ala
1 5

<210> SEQ ID NO 1581
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1581

Ala Glu Gly Pro Ala Ala Ala
1 5

<210> SEQ ID NO 1582
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1582

Glu Gly Pro Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1583
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1583

Gly Pro Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1584
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1584

Pro Ala Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1585
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1585

Ala Ala Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1586
<211> LENGTH: 7
<212> TYPE: PRT
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<400> SEQUENCE: 1586

Ala Ala Ala Ala Ala Ala Gly

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1 5

<210> SEQ ID NO 1587
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1587

Ala Ala Ala Ala Ala Gly Val
1 5

<210> SEQ ID NO 1588
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1588

Ala Ala Ala Ala Gly Val Gly
1 5

<210> SEQ ID NO 1589
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1589

Ala Ala Ala Gly Val Gly Gly
1 5

<210> SEQ ID NO 1590
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1590

Ala Ala Gly Val Gly Gly Glu
1 5

<210> SEQ ID NO 1591
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1591

Ala Gly Val Gly Gly Glu Arg
1 5

<210> SEQ ID NO 1592
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1592

Gly Val Gly Gly Glu Arg Ser
1 5

<210> SEQ ID NO 1593
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1593

Val Gly Gly Glu Arg Ser Ser
1 5

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<210> SEQ ID NO 1594
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1594

Gly Gly Glu Arg Ser Ser Arg
1 5

<210> SEQ ID NO 1595
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1595

Gly Glu Arg Ser Ser Arg Pro
1 5

<210> SEQ ID NO 1596
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1596

Glu Arg Ser Ser Arg Pro Ala
1 5

<210> SEQ ID NO 1597
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1597

Arg Ser Ser Arg Pro Ala Pro
1 5

<210> SEQ ID NO 1598
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1598

Ser Ser Arg Pro Ala Pro Ser
1 5

<210> SEQ ID NO 1599
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1599

Ser Arg Pro Ala Pro Ser Val
1 5

<210> SEQ ID NO 1600
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1600

Arg Pro Ala Pro Ser Val Ala
1 5

<210> SEQ ID NO 1601

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<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1601

Pro Ala Pro Ser Val Ala Pro
1 5

<210> SEQ ID NO 1602
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1602

Ala Pro Ser Val Ala Pro Glu
1 5

<210> SEQ ID NO 1603
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1603

Pro Ser Val Ala Pro Glu Pro
1 5

<210> SEQ ID NO 1604
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1604

Ser Val Ala Pro Glu Pro Asp
1 5

<210> SEQ ID NO 1605
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1605

Val Ala Pro Glu Pro Asp Gly
1 5

<210> SEQ ID NO 1606
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1606

Ala Pro Glu Pro Asp Gly Cys
1 5

<210> SEQ ID NO 1607
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1607

Pro Glu Pro Asp Gly Cys Pro
1 5

<210> SEQ ID NO 1608
<211> LENGTH: 7
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1608

Glu Pro Asp Gly Cys Pro Val
1 5

<210> SEQ ID NO 1609

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1609

Pro Asp Gly Cys Pro Val Cys
1 5

<210> SEQ ID NO 1610

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1610

Asp Gly Cys Pro Val Cys Val
1 5

<210> SEQ ID NO 1611

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1611

Gly Cys Pro Val Cys Val Trp
1 5

<210> SEQ ID NO 1612

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1612

Cys Pro Val Cys Val Trp Arg
1 5

<210> SEQ ID NO 1613

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1613

Pro Val Cys Val Trp Arg Gln
1 5

<210> SEQ ID NO 1614

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1614

Val Cys Val Trp Arg Gln His
1 5

<210> SEQ ID NO 1615

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1615

Cys Val Trp Arg Gln His Ser
1 5

<210> SEQ ID NO 1616

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1616

Val Trp Arg Gln His Ser Arg
1 5

<210> SEQ ID NO 1617

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1617

Trp Arg Gln His Ser Arg Glu
1 5

<210> SEQ ID NO 1618

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1618

Arg Gln His Ser Arg Glu Leu
1 5

<210> SEQ ID NO 1619

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1619

Gln His Ser Arg Glu Leu Arg
1 5

<210> SEQ ID NO 1620

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1620

His Ser Arg Glu Leu Arg Leu
1 5

<210> SEQ ID NO 1621

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1621

Ser Arg Glu Leu Arg Leu Glu
1 5

<210> SEQ ID NO 1622

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1622

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Arg Glu Leu Arg Leu Glu Ser
1 5

<210> SEQ ID NO 1623
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1623

Glu Leu Arg Leu Glu Ser Ile
1 5

<210> SEQ ID NO 1624
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1624

Leu Arg Leu Glu Ser Ile Lys
1 5

<210> SEQ ID NO 1625
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1625

Arg Leu Glu Ser Ile Lys Ser
1 5

<210> SEQ ID NO 1626
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1626

Leu Glu Ser Ile Lys Ser Gln
1 5

<210> SEQ ID NO 1627
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1627

Glu Ser Ile Lys Ser Gln Ile
1 5

<210> SEQ ID NO 1628
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1628

Ser Ile Lys Ser Gln Ile Leu
1 5

<210> SEQ ID NO 1629
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1629

Ile Lys Ser Gln Ile Leu Ser
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<210> SEQ ID NO 1630
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1630

Lys Ser Gln Ile Leu Ser Lys
1 5

<210> SEQ ID NO 1631
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1631

Ser Gln Ile Leu Ser Lys Leu
1 5

<210> SEQ ID NO 1632
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1632

Gln Ile Leu Ser Lys Leu Arg
1 5

<210> SEQ ID NO 1633
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1633

Ile Leu Ser Lys Leu Arg Leu
1 5

<210> SEQ ID NO 1634
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1634

Leu Ser Lys Leu Arg Leu Lys
1 5

<210> SEQ ID NO 1635
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1635

Ser Lys Leu Arg Leu Lys Glu
1 5

<210> SEQ ID NO 1636
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1636

Lys Leu Arg Leu Lys Glu Ala
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<210> SEQ ID NO 1637
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1637

Leu Arg Leu Lys Glu Ala Pro
1 5

<210> SEQ ID NO 1638
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1638

Arg Leu Lys Glu Ala Pro Asn
1 5

<210> SEQ ID NO 1639
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1639

Leu Lys Glu Ala Pro Asn Ile
1 5

<210> SEQ ID NO 1640
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1640

Lys Glu Ala Pro Asn Ile Ser
1 5

<210> SEQ ID NO 1641
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1641

Glu Ala Pro Asn Ile Ser Arg
1 5

<210> SEQ ID NO 1642
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1642

Ala Pro Asn Ile Ser Arg Glu
1 5

<210> SEQ ID NO 1643
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1643

Pro Asn Ile Ser Arg Glu Val
1 5

<210> SEQ ID NO 1644
<211> LENGTH: 7

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1644

Asn Ile Ser Arg Glu Val Val
1 5

<210> SEQ ID NO 1645
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1645

Ile Ser Arg Glu Val Val Lys
1 5

<210> SEQ ID NO 1646
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1646

Ser Arg Glu Val Val Lys Gln
1 5

<210> SEQ ID NO 1647
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1647

Arg Glu Val Val Lys Gln Leu
1 5

<210> SEQ ID NO 1648
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1648

Glu Val Val Lys Gln Leu Leu
1 5

<210> SEQ ID NO 1649
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1649

Val Val Lys Gln Leu Leu Pro
1 5

<210> SEQ ID NO 1650
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1650

Val Lys Gln Leu Leu Pro Lys
1 5

<210> SEQ ID NO 1651
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1651

Lys Gln Leu Leu Pro Lys Ala
1 5

<210> SEQ ID NO 1652

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1652

Gln Leu Leu Pro Lys Ala Pro
1 5

<210> SEQ ID NO 1653

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1653

Leu Leu Pro Lys Ala Pro Pro
1 5

<210> SEQ ID NO 1654

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1654

Leu Pro Lys Ala Pro Pro Leu
1 5

<210> SEQ ID NO 1655

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1655

Pro Lys Ala Pro Pro Leu Gln
1 5

<210> SEQ ID NO 1656

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1656

Lys Ala Pro Pro Leu Gln Gln
1 5

<210> SEQ ID NO 1657

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1657

Ala Pro Pro Leu Gln Gln Ile
1 5

<210> SEQ ID NO 1658

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1658

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Pro Pro Leu Gln Gln Ile Leu
1 5

<210> SEQ ID NO 1659
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1659

Pro Leu Gln Gln Ile Leu Asp
1 5

<210> SEQ ID NO 1660
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1660

Leu Gln Gln Ile Leu Asp Leu
1 5

<210> SEQ ID NO 1661
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1661

Gln Gln Ile Leu Asp Leu His
1 5

<210> SEQ ID NO 1662
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1662

Gln Ile Leu Asp Leu His Asp
1 5

<210> SEQ ID NO 1663
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1663

Ile Leu Asp Leu His Asp Phe
1 5

<210> SEQ ID NO 1664
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1664

Leu Asp Leu His Asp Phe Gln
1 5

<210> SEQ ID NO 1665
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1665

Asp Leu His Asp Phe Gln Gly

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1 5

<210> SEQ ID NO 1666
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1666

Leu His Asp Phe Gln Gly Asp
1 5

<210> SEQ ID NO 1667
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1667

His Asp Phe Gln Gly Asp Ala
1 5

<210> SEQ ID NO 1668
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1668

Asp Phe Gln Gly Asp Ala Leu
1 5

<210> SEQ ID NO 1669
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1669

Phe Gln Gly Asp Ala Leu Gln
1 5

<210> SEQ ID NO 1670
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1670

Gln Gly Asp Ala Leu Gln Pro
1 5

<210> SEQ ID NO 1671
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1671

Gly Asp Ala Leu Gln Pro Glu
1 5

<210> SEQ ID NO 1672
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1672

Asp Ala Leu Gln Pro Glu Asp
1 5

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<210> SEQ ID NO 1673
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1673

Ala Leu Gln Pro Glu Asp Phe
1 5

<210> SEQ ID NO 1674
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1674

Leu Gln Pro Glu Asp Phe Leu
1 5

<210> SEQ ID NO 1675
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1675

Gln Pro Glu Asp Phe Leu Glu
1 5

<210> SEQ ID NO 1676
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1676

Pro Glu Asp Phe Leu Glu Glu
1 5

<210> SEQ ID NO 1677
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1677

Glu Asp Phe Leu Glu Glu Asp
1 5

<210> SEQ ID NO 1678
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1678

Asp Phe Leu Glu Glu Asp Glu
1 5

<210> SEQ ID NO 1679
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1679

Phe Leu Glu Glu Asp Glu Tyr
1 5

<210> SEQ ID NO 1680

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<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1680

Leu Glu Glu Asp Glu Tyr His
1 5

<210> SEQ ID NO 1681
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1681

Glu Glu Asp Glu Tyr His Ala
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<210> SEQ ID NO 1682
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Glu Asp Glu Tyr His Ala Thr
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<400> SEQUENCE: 1683

Asp Glu Tyr His Ala Thr Thr
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<210> SEQ ID NO 1684
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<400> SEQUENCE: 1684

Glu Tyr His Ala Thr Thr Glu
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<210> SEQ ID NO 1685
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<400> SEQUENCE: 1685

Tyr His Ala Thr Thr Glu Thr
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<210> SEQ ID NO 1686
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<400> SEQUENCE: 1686

His Ala Thr Thr Glu Thr Val
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<210> SEQ ID NO 1687
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1687

Ala Thr Thr Glu Thr Val Ile
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<210> SEQ ID NO 1688

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1688

Thr Thr Glu Thr Val Ile Ser
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<210> SEQ ID NO 1689

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1689

Thr Glu Thr Val Ile Ser Met
1 5

<210> SEQ ID NO 1690

<211> LENGTH: 7

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<400> SEQUENCE: 1690

Glu Thr Val Ile Ser Met Ala
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<210> SEQ ID NO 1691

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<400> SEQUENCE: 1691

Thr Val Ile Ser Met Ala Gln
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<210> SEQ ID NO 1692

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<400> SEQUENCE: 1692

Val Ile Ser Met Ala Gln Glu
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<210> SEQ ID NO 1693

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<400> SEQUENCE: 1693

Ile Ser Met Ala Gln Glu Thr
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<210> SEQ ID NO 1694

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<400> SEQUENCE: 1694

Ser Met Ala Gln Glu Thr Asp
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<210> SEQ ID NO 1695

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<212> TYPE: PRT

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<400> SEQUENCE: 1695

Met Ala Gln Glu Thr Asp Pro
1 5

<210> SEQ ID NO 1696

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<400> SEQUENCE: 1696

Ala Gln Glu Thr Asp Pro Ala
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<210> SEQ ID NO 1697

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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1697

Gln Glu Thr Asp Pro Ala Val
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<210> SEQ ID NO 1698

<211> LENGTH: 7

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<400> SEQUENCE: 1698

Glu Thr Asp Pro Ala Val Gln
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<210> SEQ ID NO 1699

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<400> SEQUENCE: 1699

Thr Asp Pro Ala Val Gln Thr
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<210> SEQ ID NO 1700

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<400> SEQUENCE: 1700

Asp Pro Ala Val Gln Thr Asp
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<210> SEQ ID NO 1701

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Pro Ala Val Gln Thr Asp Gly
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<400> SEQUENCE: 1702

Ala Val Gln Thr Asp Gly Ser
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<210> SEQ ID NO 1703
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<400> SEQUENCE: 1703

Val Gln Thr Asp Gly Ser Pro
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<210> SEQ ID NO 1704
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<400> SEQUENCE: 1704

Gln Thr Asp Gly Ser Pro Leu
1 5

<210> SEQ ID NO 1705
<211> LENGTH: 7
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<400> SEQUENCE: 1705

Thr Asp Gly Ser Pro Leu Cys
1 5

<210> SEQ ID NO 1706
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<400> SEQUENCE: 1706

Asp Gly Ser Pro Leu Cys Cys
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<210> SEQ ID NO 1707
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<400> SEQUENCE: 1707

Gly Ser Pro Leu Cys Cys His
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<210> SEQ ID NO 1708
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<400> SEQUENCE: 1708

Ser Pro Leu Cys Cys His Phe
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<210> SEQ ID NO 1709
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<400> SEQUENCE: 1709

Pro Leu Cys Cys His Phe His
1 5

<210> SEQ ID NO 1710
<211> LENGTH: 7
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<400> SEQUENCE: 1710

Leu Cys Cys His Phe His Phe
1 5

<210> SEQ ID NO 1711
<211> LENGTH: 7
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1711

Cys Cys His Phe His Phe Ser
1 5

<210> SEQ ID NO 1712
<211> LENGTH: 7
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1712

Cys His Phe His Phe Ser Pro
1 5

<210> SEQ ID NO 1713
<211> LENGTH: 7
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1713

His Phe His Phe Ser Pro Lys
1 5

<210> SEQ ID NO 1714
<211> LENGTH: 7
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1714

Phe His Phe Ser Pro Lys Val
1 5

<210> SEQ ID NO 1715
<211> LENGTH: 7
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<400> SEQUENCE: 1715

His Phe Ser Pro Lys Val Met
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<210> SEQ ID NO 1716
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<400> SEQUENCE: 1716

Phe Ser Pro Lys Val Met Phe
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<210> SEQ ID NO 1717
<211> LENGTH: 7
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1717

Ser Pro Lys Val Met Phe Thr
1 5

<210> SEQ ID NO 1718
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1718

Pro Lys Val Met Phe Thr Lys
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<210> SEQ ID NO 1719
<211> LENGTH: 7
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1719

Lys Val Met Phe Thr Lys Val
1 5

<210> SEQ ID NO 1720
<211> LENGTH: 7
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1720

Val Met Phe Thr Lys Val Leu
1 5

<210> SEQ ID NO 1721
<211> LENGTH: 7
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<400> SEQUENCE: 1721

Met Phe Thr Lys Val Leu Lys
1 5

<210> SEQ ID NO 1722
<211> LENGTH: 7
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<400> SEQUENCE: 1722

Phe Thr Lys Val Leu Lys Ala
1 5

<210> SEQ ID NO 1723
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Thr Lys Val Leu Lys Ala Gln
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<210> SEQ ID NO 1724
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Lys Val Leu Lys Ala Gln Leu
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<210> SEQ ID NO 1725
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<400> SEQUENCE: 1725

Val Leu Lys Ala Gln Leu Trp
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<210> SEQ ID NO 1726
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<213> ORGANISM: Homo sapiens

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Leu Lys Ala Gln Leu Trp Val
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<210> SEQ ID NO 1727
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1727

Lys Ala Gln Leu Trp Val Tyr
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<210> SEQ ID NO 1728
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<400> SEQUENCE: 1728

Ala Gln Leu Trp Val Tyr Leu
1 5

<210> SEQ ID NO 1729
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<400> SEQUENCE: 1729

Gln Leu Trp Val Tyr Leu Arg
1 5

<210> SEQ ID NO 1730
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<400> SEQUENCE: 1730

Leu Trp Val Tyr Leu Arg Pro
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<210> SEQ ID NO 1731

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<400> SEQUENCE: 1731

Trp Val Tyr Leu Arg Pro Val
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<210> SEQ ID NO 1732

<211> LENGTH: 7

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<400> SEQUENCE: 1732

Val Tyr Leu Arg Pro Val Pro
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<210> SEQ ID NO 1733

<211> LENGTH: 7

<212> TYPE: PRT

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<400> SEQUENCE: 1733

Tyr Leu Arg Pro Val Pro Arg
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<210> SEQ ID NO 1734

<211> LENGTH: 7

<212> TYPE: PRT

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<400> SEQUENCE: 1734

Leu Arg Pro Val Pro Arg Pro
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<210> SEQ ID NO 1735

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1735

Arg Pro Val Pro Arg Pro Ala
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<210> SEQ ID NO 1736

<211> LENGTH: 7

<212> TYPE: PRT

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<400> SEQUENCE: 1736

Pro Val Pro Arg Pro Ala Thr
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<210> SEQ ID NO 1737

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<400> SEQUENCE: 1737

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Val Pro Arg Pro Ala Thr Val
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<400> SEQUENCE: 1738

Pro Arg Pro Ala Thr Val Tyr
1 5

<210> SEQ ID NO 1739
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<400> SEQUENCE: 1739

Arg Pro Ala Thr Val Tyr Leu
1 5

<210> SEQ ID NO 1740
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<400> SEQUENCE: 1740

Pro Ala Thr Val Tyr Leu Gln
1 5

<210> SEQ ID NO 1741
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1741

Ala Thr Val Tyr Leu Gln Ile
1 5

<210> SEQ ID NO 1742
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1742

Thr Val Tyr Leu Gln Ile Leu
1 5

<210> SEQ ID NO 1743
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1743

Val Tyr Leu Gln Ile Leu Arg
1 5

<210> SEQ ID NO 1744
<211> LENGTH: 7
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<400> SEQUENCE: 1744

Tyr Leu Gln Ile Leu Arg Leu

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<210> SEQ ID NO 1745
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<400> SEQUENCE: 1745

Leu Gln Ile Leu Arg Leu Lys
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<210> SEQ ID NO 1746
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1746

Gln Ile Leu Arg Leu Lys Pro
1 5

<210> SEQ ID NO 1747
<211> LENGTH: 7
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1747

Ile Leu Arg Leu Lys Pro Leu
1 5

<210> SEQ ID NO 1748
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1748

Leu Arg Leu Lys Pro Leu Thr
1 5

<210> SEQ ID NO 1749
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1749

Arg Leu Lys Pro Leu Thr Gly
1 5

<210> SEQ ID NO 1750
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1750

Leu Lys Pro Leu Thr Gly Glu
1 5

<210> SEQ ID NO 1751
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1751

Lys Pro Leu Thr Gly Glu Gly
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<210> SEQ ID NO 1752
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1752

Pro Leu Thr Gly Glu Gly Thr
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<210> SEQ ID NO 1753
<211> LENGTH: 7
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1753

Leu Thr Gly Glu Gly Thr Ala
1 5

<210> SEQ ID NO 1754
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1754

Thr Gly Glu Gly Thr Ala Gly
1 5

<210> SEQ ID NO 1755
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1755

Gly Glu Gly Thr Ala Gly Gly
1 5

<210> SEQ ID NO 1756
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1756

Glu Gly Thr Ala Gly Gly Gly
1 5

<210> SEQ ID NO 1757
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1757

Gly Thr Ala Gly Gly Gly Gly
1 5

<210> SEQ ID NO 1758
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1758

Thr Ala Gly Gly Gly Gly Gly
1 5

<210> SEQ ID NO 1759

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<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1759

Ala Gly Gly Gly Gly Gly Gly
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<210> SEQ ID NO 1760
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1760

Gly Gly Gly Gly Gly Gly Arg
1 5

<210> SEQ ID NO 1761
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1761

Gly Gly Gly Gly Gly Arg Arg
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<210> SEQ ID NO 1762
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1762

Gly Gly Gly Gly Arg Arg His
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<210> SEQ ID NO 1763
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1763

Gly Gly Gly Arg Arg His Ile
1 5

<210> SEQ ID NO 1764
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1764

Gly Gly Arg Arg His Ile Arg
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<210> SEQ ID NO 1765
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1765

Gly Arg Arg His Ile Arg Ile
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<210> SEQ ID NO 1766
<211> LENGTH: 7
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1766

Arg Arg His Ile Arg Ile Arg
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<210> SEQ ID NO 1767

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1767

Arg His Ile Arg Ile Arg Ser
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<210> SEQ ID NO 1768

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1768

His Ile Arg Ile Arg Ser Leu
1 5

<210> SEQ ID NO 1769

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1769

Ile Arg Ile Arg Ser Leu Lys
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<210> SEQ ID NO 1770

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1770

Arg Ile Arg Ser Leu Lys Ile
1 5

<210> SEQ ID NO 1771

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1771

Ile Arg Ser Leu Lys Ile Glu
1 5

<210> SEQ ID NO 1772

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1772

Arg Ser Leu Lys Ile Glu Leu
1 5

<210> SEQ ID NO 1773

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1773

Ser Leu Lys Ile Glu Leu His
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<210> SEQ ID NO 1774

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1774

Leu Lys Ile Glu Leu His Ser
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<210> SEQ ID NO 1775

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1775

Lys Ile Glu Leu His Ser Arg
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<210> SEQ ID NO 1776

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1776

Ile Glu Leu His Ser Arg Ser
1 5

<210> SEQ ID NO 1777

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1777

Glu Leu His Ser Arg Ser Gly
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<210> SEQ ID NO 1778

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1778

Leu His Ser Arg Ser Gly His
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<210> SEQ ID NO 1779

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1779

His Ser Arg Ser Gly His Trp
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<210> SEQ ID NO 1780

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1780

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Ser Arg Ser Gly His Trp Gln
1 5

<210> SEQ ID NO 1781
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1781

Arg Ser Gly His Trp Gln Ser
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<210> SEQ ID NO 1782
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1782

Ser Gly His Trp Gln Ser Ile
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<210> SEQ ID NO 1783
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1783

Gly His Trp Gln Ser Ile Asp
1 5

<210> SEQ ID NO 1784
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1784

His Trp Gln Ser Ile Asp Phe
1 5

<210> SEQ ID NO 1785
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1785

Trp Gln Ser Ile Asp Phe Lys
1 5

<210> SEQ ID NO 1786
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1786

Gln Ser Ile Asp Phe Lys Gln
1 5

<210> SEQ ID NO 1787
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1787

Ser Ile Asp Phe Lys Gln Val
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<210> SEQ ID NO 1788
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1788

Ile Asp Phe Lys Gln Val Leu
1 5

<210> SEQ ID NO 1789
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1789

Asp Phe Lys Gln Val Leu His
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<210> SEQ ID NO 1790
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1790

Phe Lys Gln Val Leu His Ser
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<210> SEQ ID NO 1791
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1791

Lys Gln Val Leu His Ser Trp
1 5

<210> SEQ ID NO 1792
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1792

Gln Val Leu His Ser Trp Phe
1 5

<210> SEQ ID NO 1793
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1793

Val Leu His Ser Trp Phe Arg
1 5

<210> SEQ ID NO 1794
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1794

Leu His Ser Trp Phe Arg Gln
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<210> SEQ ID NO 1795
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1795

His Ser Trp Phe Arg Gln Pro
1 5

<210> SEQ ID NO 1796
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1796

Ser Trp Phe Arg Gln Pro Gln
1 5

<210> SEQ ID NO 1797
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1797

Trp Phe Arg Gln Pro Gln Ser
1 5

<210> SEQ ID NO 1798
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1798

Phe Arg Gln Pro Gln Ser Asn
1 5

<210> SEQ ID NO 1799
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1799

Arg Gln Pro Gln Ser Asn Trp
1 5

<210> SEQ ID NO 1800
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1800

Gln Pro Gln Ser Asn Trp Gly
1 5

<210> SEQ ID NO 1801
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1801

Pro Gln Ser Asn Trp Gly Ile
1 5

<210> SEQ ID NO 1802
<211> LENGTH: 7

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1802

Gln Ser Asn Trp Gly Ile Glu
1 5

<210> SEQ ID NO 1803
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1803

Ser Asn Trp Gly Ile Glu Ile
1 5

<210> SEQ ID NO 1804
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1804

Asn Trp Gly Ile Glu Ile Asn
1 5

<210> SEQ ID NO 1805
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1805

Trp Gly Ile Glu Ile Asn Ala
1 5

<210> SEQ ID NO 1806
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1806

Gly Ile Glu Ile Asn Ala Phe
1 5

<210> SEQ ID NO 1807
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1807

Ile Glu Ile Asn Ala Phe Asp
1 5

<210> SEQ ID NO 1808
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1808

Glu Ile Asn Ala Phe Asp Pro
1 5

<210> SEQ ID NO 1809
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1809

Ile Asn Ala Phe Asp Pro Ser
1 5

<210> SEQ ID NO 1810

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1810

Asn Ala Phe Asp Pro Ser Gly
1 5

<210> SEQ ID NO 1811

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1811

Ala Phe Asp Pro Ser Gly Thr
1 5

<210> SEQ ID NO 1812

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1812

Phe Asp Pro Ser Gly Thr Asp
1 5

<210> SEQ ID NO 1813

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1813

Asp Pro Ser Gly Thr Asp Leu
1 5

<210> SEQ ID NO 1814

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1814

Pro Ser Gly Thr Asp Leu Ala
1 5

<210> SEQ ID NO 1815

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1815

Ser Gly Thr Asp Leu Ala Val
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<210> SEQ ID NO 1816

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1816

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Gly Thr Asp Leu Ala Val Thr
1 5

<210> SEQ ID NO 1817
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1817

Thr Asp Leu Ala Val Thr Ser
1 5

<210> SEQ ID NO 1818
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1818

Asp Leu Ala Val Thr Ser Leu
1 5

<210> SEQ ID NO 1819
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1819

Leu Ala Val Thr Ser Leu Gly
1 5

<210> SEQ ID NO 1820
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1820

Ala Val Thr Ser Leu Gly Pro
1 5

<210> SEQ ID NO 1821
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1821

Val Thr Ser Leu Gly Pro Gly
1 5

<210> SEQ ID NO 1822
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1822

Thr Ser Leu Gly Pro Gly Ala
1 5

<210> SEQ ID NO 1823
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1823

Ser Leu Gly Pro Gly Ala Glu

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<210> SEQ ID NO 1824
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1824

Leu Gly Pro Gly Ala Glu Gly
1 5

<210> SEQ ID NO 1825
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1825

Gly Pro Gly Ala Glu Gly Leu
1 5

<210> SEQ ID NO 1826
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1826

Pro Gly Ala Glu Gly Leu His
1 5

<210> SEQ ID NO 1827
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1827

Gly Ala Glu Gly Leu His Pro
1 5

<210> SEQ ID NO 1828
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1828

Ala Glu Gly Leu His Pro Phe
1 5

<210> SEQ ID NO 1829
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1829

Glu Gly Leu His Pro Phe Met
1 5

<210> SEQ ID NO 1830
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1830

Gly Leu His Pro Phe Met Glu
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<210> SEQ ID NO 1831
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1831

Leu His Pro Phe Met Glu Leu
1 5

<210> SEQ ID NO 1832
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1832

His Pro Phe Met Glu Leu Arg
1 5

<210> SEQ ID NO 1833
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1833

Pro Phe Met Glu Leu Arg Val
1 5

<210> SEQ ID NO 1834
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1834

Phe Met Glu Leu Arg Val Leu
1 5

<210> SEQ ID NO 1835
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1835

Met Glu Leu Arg Val Leu Glu
1 5

<210> SEQ ID NO 1836
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1836

Glu Leu Arg Val Leu Glu Asn
1 5

<210> SEQ ID NO 1837
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1837

Leu Arg Val Leu Glu Asn Thr
1 5

<210> SEQ ID NO 1838

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<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1838

Arg Val Leu Glu Asn Thr Lys
1 5

<210> SEQ ID NO 1839
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1839

Val Leu Glu Asn Thr Lys Arg
1 5

<210> SEQ ID NO 1840
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1840

Leu Glu Asn Thr Lys Arg Ser
1 5

<210> SEQ ID NO 1841
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1841

Glu Asn Thr Lys Arg Ser Arg
1 5

<210> SEQ ID NO 1842
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1842

Asn Thr Lys Arg Ser Arg Arg
1 5

<210> SEQ ID NO 1843
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1843

Thr Lys Arg Ser Arg Arg Asn
1 5

<210> SEQ ID NO 1844
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1844

Lys Arg Ser Arg Arg Asn Leu
1 5

<210> SEQ ID NO 1845
<211> LENGTH: 7
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1845

Arg Ser Arg Arg Asn Leu Gly
1 5

<210> SEQ ID NO 1846

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1846

Ser Arg Arg Asn Leu Gly Leu
1 5

<210> SEQ ID NO 1847

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1847

Arg Arg Asn Leu Gly Leu Asp
1 5

<210> SEQ ID NO 1848

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1848

Arg Asn Leu Gly Leu Asp Cys
1 5

<210> SEQ ID NO 1849

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1849

Asn Leu Gly Leu Asp Cys Asp
1 5

<210> SEQ ID NO 1850

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1850

Leu Gly Leu Asp Cys Asp Glu
1 5

<210> SEQ ID NO 1851

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1851

Gly Leu Asp Cys Asp Glu His
1 5

<210> SEQ ID NO 1852

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1852

Leu Asp Cys Asp Glu His Ser
1 5

<210> SEQ ID NO 1853

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1853

Asp Cys Asp Glu His Ser Ser
1 5

<210> SEQ ID NO 1854

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1854

Cys Asp Glu His Ser Ser Glu
1 5

<210> SEQ ID NO 1855

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1855

Asp Glu His Ser Ser Glu Ser
1 5

<210> SEQ ID NO 1856

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1856

Glu His Ser Ser Glu Ser Arg
1 5

<210> SEQ ID NO 1857

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1857

His Ser Ser Glu Ser Arg Cys
1 5

<210> SEQ ID NO 1858

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1858

Ser Ser Glu Ser Arg Cys Cys
1 5

<210> SEQ ID NO 1859

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1859

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Ser Glu Ser Arg Cys Cys Arg
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<210> SEQ ID NO 1860
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1860

Glu Ser Arg Cys Cys Arg Tyr
1 5

<210> SEQ ID NO 1861
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1861

Ser Arg Cys Cys Arg Tyr Pro
1 5

<210> SEQ ID NO 1862
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1862

Arg Cys Cys Arg Tyr Pro Leu
1 5

<210> SEQ ID NO 1863
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1863

Cys Cys Arg Tyr Pro Leu Thr
1 5

<210> SEQ ID NO 1864
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1864

Cys Arg Tyr Pro Leu Thr Val
1 5

<210> SEQ ID NO 1865
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1865

Arg Tyr Pro Leu Thr Val Asp
1 5

<210> SEQ ID NO 1866
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1866

Tyr Pro Leu Thr Val Asp Phe
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<210> SEQ ID NO 1867
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1867

Pro Leu Thr Val Asp Phe Glu
1 5

<210> SEQ ID NO 1868
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1868

Leu Thr Val Asp Phe Glu Ala
1 5

<210> SEQ ID NO 1869
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1869

Thr Val Asp Phe Glu Ala Phe
1 5

<210> SEQ ID NO 1870
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1870

Val Asp Phe Glu Ala Phe Gly
1 5

<210> SEQ ID NO 1871
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1871

Asp Phe Glu Ala Phe Gly Trp
1 5

<210> SEQ ID NO 1872
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1872

Phe Glu Ala Phe Gly Trp Asp
1 5

<210> SEQ ID NO 1873
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1873

Glu Ala Phe Gly Trp Asp Trp
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<210> SEQ ID NO 1874
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1874

Ala Phe Gly Trp Asp Trp Ile
1 5

<210> SEQ ID NO 1875
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1875

Phe Gly Trp Asp Trp Ile Ile
1 5

<210> SEQ ID NO 1876
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1876

Gly Trp Asp Trp Ile Ile Ala
1 5

<210> SEQ ID NO 1877
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1877

Trp Asp Trp Ile Ile Ala Pro
1 5

<210> SEQ ID NO 1878
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1878

Asp Trp Ile Ile Ala Pro Lys
1 5

<210> SEQ ID NO 1879
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1879

Trp Ile Ile Ala Pro Lys Arg
1 5

<210> SEQ ID NO 1880
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1880

Ile Ile Ala Pro Lys Arg Tyr
1 5

<210> SEQ ID NO 1881
<211> LENGTH: 7

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1881

Ile Ala Pro Lys Arg Tyr Lys
1 5

<210> SEQ ID NO 1882
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1882

Ala Pro Lys Arg Tyr Lys Ala
1 5

<210> SEQ ID NO 1883
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1883

Pro Lys Arg Tyr Lys Ala Asn
1 5

<210> SEQ ID NO 1884
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1884

Lys Arg Tyr Lys Ala Asn Tyr
1 5

<210> SEQ ID NO 1885
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1885

Arg Tyr Lys Ala Asn Tyr Cys
1 5

<210> SEQ ID NO 1886
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1886

Tyr Lys Ala Asn Tyr Cys Ser
1 5

<210> SEQ ID NO 1887
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1887

Lys Ala Asn Tyr Cys Ser Gly
1 5

<210> SEQ ID NO 1888
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1888

Ala Asn Tyr Cys Ser Gly Gln
1 5

<210> SEQ ID NO 1889

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1889

Asn Tyr Cys Ser Gly Gln Cys
1 5

<210> SEQ ID NO 1890

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1890

Tyr Cys Ser Gly Gln Cys Glu
1 5

<210> SEQ ID NO 1891

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1891

Cys Ser Gly Gln Cys Glu Tyr
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<210> SEQ ID NO 1892

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1892

Ser Gly Gln Cys Glu Tyr Met
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<210> SEQ ID NO 1893

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1893

Gly Gln Cys Glu Tyr Met Phe
1 5

<210> SEQ ID NO 1894

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1894

Gln Cys Glu Tyr Met Phe Met
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<210> SEQ ID NO 1895

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1895

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Cys Glu Tyr Met Phe Met Gln
1 5

<210> SEQ ID NO 1896
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1896

Glu Tyr Met Phe Met Gln Lys
1 5

<210> SEQ ID NO 1897
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1897

Tyr Met Phe Met Gln Lys Tyr
1 5

<210> SEQ ID NO 1898
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1898

Met Phe Met Gln Lys Tyr Pro
1 5

<210> SEQ ID NO 1899
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1899

Phe Met Gln Lys Tyr Pro His
1 5

<210> SEQ ID NO 1900
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1900

Met Gln Lys Tyr Pro His Thr
1 5

<210> SEQ ID NO 1901
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1901

Gln Lys Tyr Pro His Thr His
1 5

<210> SEQ ID NO 1902
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1902

Lys Tyr Pro His Thr His Leu

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<210> SEQ ID NO 1903
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1903

Tyr Pro His Thr His Leu Val
1 5

<210> SEQ ID NO 1904
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1904

Pro His Thr His Leu Val Gln
1 5

<210> SEQ ID NO 1905
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1905

His Thr His Leu Val Gln Gln
1 5

<210> SEQ ID NO 1906
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1906

Thr His Leu Val Gln Gln Ala
1 5

<210> SEQ ID NO 1907
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1907

His Leu Val Gln Gln Ala Asn
1 5

<210> SEQ ID NO 1908
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1908

Leu Val Gln Gln Ala Asn Pro
1 5

<210> SEQ ID NO 1909
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1909

Val Gln Gln Ala Asn Pro Arg
1 5

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<210> SEQ ID NO 1910
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1910

Gln Gln Ala Asn Pro Arg Gly
1 5

<210> SEQ ID NO 1911
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1911

Gln Ala Asn Pro Arg Gly Ser
1 5

<210> SEQ ID NO 1912
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1912

Ala Asn Pro Arg Gly Ser Ala
1 5

<210> SEQ ID NO 1913
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1913

Asn Pro Arg Gly Ser Ala Gly
1 5

<210> SEQ ID NO 1914
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1914

Pro Arg Gly Ser Ala Gly Pro
1 5

<210> SEQ ID NO 1915
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1915

Arg Gly Ser Ala Gly Pro Cys
1 5

<210> SEQ ID NO 1916
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1916

Gly Ser Ala Gly Pro Cys Cys
1 5

<210> SEQ ID NO 1917

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<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1917

Ser Ala Gly Pro Cys Cys Thr
1 5

<210> SEQ ID NO 1918
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1918

Ala Gly Pro Cys Cys Thr Pro
1 5

<210> SEQ ID NO 1919
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1919

Gly Pro Cys Cys Thr Pro Thr
1 5

<210> SEQ ID NO 1920
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1920

Pro Cys Cys Thr Pro Thr Lys
1 5

<210> SEQ ID NO 1921
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1921

Cys Cys Thr Pro Thr Lys Met
1 5

<210> SEQ ID NO 1922
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1922

Cys Thr Pro Thr Lys Met Ser
1 5

<210> SEQ ID NO 1923
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1923

Thr Pro Thr Lys Met Ser Pro
1 5

<210> SEQ ID NO 1924
<211> LENGTH: 7
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1924

Pro Thr Lys Met Ser Pro Ile
1 5

<210> SEQ ID NO 1925

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1925

Thr Lys Met Ser Pro Ile Asn
1 5

<210> SEQ ID NO 1926

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1926

Lys Met Ser Pro Ile Asn Met
1 5

<210> SEQ ID NO 1927

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1927

Met Ser Pro Ile Asn Met Leu
1 5

<210> SEQ ID NO 1928

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1928

Ser Pro Ile Asn Met Leu Tyr
1 5

<210> SEQ ID NO 1929

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1929

Pro Ile Asn Met Leu Tyr Phe
1 5

<210> SEQ ID NO 1930

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1930

Ile Asn Met Leu Tyr Phe Asn
1 5

<210> SEQ ID NO 1931

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1931

Asn Met Leu Tyr Phe Asn Asp
1 5

<210> SEQ ID NO 1932

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1932

Met Leu Tyr Phe Asn Asp Lys
1 5

<210> SEQ ID NO 1933

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1933

Leu Tyr Phe Asn Asp Lys Gln
1 5

<210> SEQ ID NO 1934

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1934

Tyr Phe Asn Asp Lys Gln Gln
1 5

<210> SEQ ID NO 1935

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1935

Phe Asn Asp Lys Gln Gln Ile
1 5

<210> SEQ ID NO 1936

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1936

Asn Asp Lys Gln Gln Ile Ile
1 5

<210> SEQ ID NO 1937

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1937

Asp Lys Gln Gln Ile Ile Tyr
1 5

<210> SEQ ID NO 1938

<211> LENGTH: 7

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1938

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Lys Gln Gln Ile Ile Tyr Gly
1 5

<210> SEQ ID NO 1939
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1939

Gln Gln Ile Ile Tyr Gly Lys
1 5

<210> SEQ ID NO 1940
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1940

Gln Ile Ile Tyr Gly Lys Ile
1 5

<210> SEQ ID NO 1941
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1941

Ile Ile Tyr Gly Lys Ile Pro
1 5

<210> SEQ ID NO 1942
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1942

Ile Tyr Gly Lys Ile Pro Gly
1 5

<210> SEQ ID NO 1943
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1943

Tyr Gly Lys Ile Pro Gly Met
1 5

<210> SEQ ID NO 1944
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1944

Gly Lys Ile Pro Gly Met Val
1 5

<210> SEQ ID NO 1945
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1945

Lys Ile Pro Gly Met Val Val
1 5

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<210> SEQ ID NO 1946
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1946

Ile Pro Gly Met Val Val Asp
1 5

<210> SEQ ID NO 1947
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1947

Pro Gly Met Val Val Asp Arg
1 5

<210> SEQ ID NO 1948
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1948

Gly Met Val Val Asp Arg Cys
1 5

<210> SEQ ID NO 1949
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1949

Met Val Val Asp Arg Cys Gly
1 5

<210> SEQ ID NO 1950
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1950

Val Val Asp Arg Cys Gly Cys
1 5

<210> SEQ ID NO 1951
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1951

Val Asp Arg Cys Gly Cys Ser
1 5

<210> SEQ ID NO 1952
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1952

Met Val Leu Ala Ala Pro Leu Leu
1 5

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<210> SEQ ID NO 1953
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1953

Val Leu Ala Ala Pro Leu Leu Leu
1 5

<210> SEQ ID NO 1954
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1954

Leu Ala Ala Pro Leu Leu Leu Gly
1 5

<210> SEQ ID NO 1955
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1955

Ala Ala Pro Leu Leu Leu Gly Phe
1 5

<210> SEQ ID NO 1956
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1956

Ala Pro Leu Leu Leu Gly Phe Leu
1 5

<210> SEQ ID NO 1957
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1957

Pro Leu Leu Leu Gly Phe Leu Leu
1 5

<210> SEQ ID NO 1958
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1958

Leu Leu Leu Gly Phe Leu Leu Leu
1 5

<210> SEQ ID NO 1959
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1959

Leu Leu Gly Phe Leu Leu Leu Ala
1 5

<210> SEQ ID NO 1960
<211> LENGTH: 8

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1960

Leu Gly Phe Leu Leu Leu Ala Leu
1 5

<210> SEQ ID NO 1961
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1961

Gly Phe Leu Leu Leu Ala Leu Glu
1 5

<210> SEQ ID NO 1962
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1962

Phe Leu Leu Leu Ala Leu Glu Leu
1 5

<210> SEQ ID NO 1963
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1963

Leu Leu Leu Ala Leu Glu Leu Arg
1 5

<210> SEQ ID NO 1964
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1964

Leu Leu Ala Leu Glu Leu Arg Pro
1 5

<210> SEQ ID NO 1965
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1965

Leu Ala Leu Glu Leu Arg Pro Arg
1 5

<210> SEQ ID NO 1966
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1966

Ala Leu Glu Leu Arg Pro Arg Gly
1 5

<210> SEQ ID NO 1967
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 1967

Leu Glu Leu Arg Pro Arg Gly Glu
1 5

<210> SEQ ID NO 1968

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1968

Glu Leu Arg Pro Arg Gly Glu Ala
1 5

<210> SEQ ID NO 1969

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1969

Leu Arg Pro Arg Gly Glu Ala Ala
1 5

<210> SEQ ID NO 1970

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1970

Arg Pro Arg Gly Glu Ala Ala Glu
1 5

<210> SEQ ID NO 1971

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1971

Pro Arg Gly Glu Ala Ala Glu Gly
1 5

<210> SEQ ID NO 1972

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1972

Arg Gly Glu Ala Ala Glu Gly Pro
1 5

<210> SEQ ID NO 1973

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1973

Gly Glu Ala Ala Glu Gly Pro Ala
1 5

<210> SEQ ID NO 1974

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1974

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Glu Ala Ala Glu Gly Pro Ala Ala
1 5

<210> SEQ ID NO 1975
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1975

Ala Ala Glu Gly Pro Ala Ala Ala
1 5

<210> SEQ ID NO 1976
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1976

Ala Glu Gly Pro Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1977
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1977

Glu Gly Pro Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1978
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1978

Gly Pro Ala Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1979
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1979

Pro Ala Ala Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1980
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1980

Ala Ala Ala Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 1981
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1981

Ala Ala Ala Ala Ala Ala Ala Gly

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1 5

<210> SEQ ID NO 1982
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1982

Ala Ala Ala Ala Ala Ala Gly Val
1 5

<210> SEQ ID NO 1983
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1983

Ala Ala Ala Ala Ala Gly Val Gly
1 5

<210> SEQ ID NO 1984
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1984

Ala Ala Ala Ala Gly Val Gly Gly
1 5

<210> SEQ ID NO 1985
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1985

Ala Ala Ala Gly Val Gly Gly Glu
1 5

<210> SEQ ID NO 1986
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1986

Ala Ala Gly Val Gly Gly Glu Arg
1 5

<210> SEQ ID NO 1987
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1987

Ala Gly Val Gly Gly Glu Arg Ser
1 5

<210> SEQ ID NO 1988
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1988

Gly Val Gly Gly Glu Arg Ser Ser
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<210> SEQ ID NO 1989
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1989

Val Gly Gly Glu Arg Ser Ser Arg
1 5

<210> SEQ ID NO 1990
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1990

Gly Gly Glu Arg Ser Ser Arg Pro
1 5

<210> SEQ ID NO 1991
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1991

Gly Glu Arg Ser Ser Arg Pro Ala
1 5

<210> SEQ ID NO 1992
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1992

Glu Arg Ser Ser Arg Pro Ala Pro
1 5

<210> SEQ ID NO 1993
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1993

Arg Ser Ser Arg Pro Ala Pro Ser
1 5

<210> SEQ ID NO 1994
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1994

Ser Ser Arg Pro Ala Pro Ser Val
1 5

<210> SEQ ID NO 1995
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1995

Ser Arg Pro Ala Pro Ser Val Ala
1 5

<210> SEQ ID NO 1996

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<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1996

Arg Pro Ala Pro Ser Val Ala Pro
1 5

<210> SEQ ID NO 1997
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1997

Pro Ala Pro Ser Val Ala Pro Glu
1 5

<210> SEQ ID NO 1998
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1998

Ala Pro Ser Val Ala Pro Glu Pro
1 5

<210> SEQ ID NO 1999
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1999

Pro Ser Val Ala Pro Glu Pro Asp
1 5

<210> SEQ ID NO 2000
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2000

Ser Val Ala Pro Glu Pro Asp Gly
1 5

<210> SEQ ID NO 2001
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2001

Val Ala Pro Glu Pro Asp Gly Cys
1 5

<210> SEQ ID NO 2002
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2002

Ala Pro Glu Pro Asp Gly Cys Pro
1 5

<210> SEQ ID NO 2003
<211> LENGTH: 8
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2003
Pro Glu Pro Asp Gly Cys Pro Val
1 5

<210> SEQ ID NO 2004
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2004
Glu Pro Asp Gly Cys Pro Val Cys
1 5

<210> SEQ ID NO 2005
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2005
Pro Asp Gly Cys Pro Val Cys Val
1 5

<210> SEQ ID NO 2006
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2006
Asp Gly Cys Pro Val Cys Val Trp
1 5

<210> SEQ ID NO 2007
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2007
Gly Cys Pro Val Cys Val Trp Arg
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<210> SEQ ID NO 2008
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2008
Cys Pro Val Cys Val Trp Arg Gln
1 5

<210> SEQ ID NO 2009
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2009
Pro Val Cys Val Trp Arg Gln His
1 5

<210> SEQ ID NO 2010
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2010

Val Cys Val Trp Arg Gln His Ser
1 5

<210> SEQ ID NO 2011

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2011

Cys Val Trp Arg Gln His Ser Arg
1 5

<210> SEQ ID NO 2012

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2012

Val Trp Arg Gln His Ser Arg Glu
1 5

<210> SEQ ID NO 2013

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2013

Trp Arg Gln His Ser Arg Glu Leu
1 5

<210> SEQ ID NO 2014

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2014

Arg Gln His Ser Arg Glu Leu Arg
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<210> SEQ ID NO 2015

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2015

Gln His Ser Arg Glu Leu Arg Leu
1 5

<210> SEQ ID NO 2016

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2016

His Ser Arg Glu Leu Arg Leu Glu
1 5

<210> SEQ ID NO 2017

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2017

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Ser Arg Glu Leu Arg Leu Glu Ser
1 5

<210> SEQ ID NO 2018
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2018

Arg Glu Leu Arg Leu Glu Ser Ile
1 5

<210> SEQ ID NO 2019
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2019

Glu Leu Arg Leu Glu Ser Ile Lys
1 5

<210> SEQ ID NO 2020
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2020

Leu Arg Leu Glu Ser Ile Lys Ser
1 5

<210> SEQ ID NO 2021
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2021

Arg Leu Glu Ser Ile Lys Ser Gln
1 5

<210> SEQ ID NO 2022
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2022

Leu Glu Ser Ile Lys Ser Gln Ile
1 5

<210> SEQ ID NO 2023
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2023

Glu Ser Ile Lys Ser Gln Ile Leu
1 5

<210> SEQ ID NO 2024
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2024

Ser Ile Lys Ser Gln Ile Leu Ser
1 5

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<210> SEQ ID NO 2025
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2025

Ile Lys Ser Gln Ile Leu Ser Lys
1 5

<210> SEQ ID NO 2026
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2026

Lys Ser Gln Ile Leu Ser Lys Leu
1 5

<210> SEQ ID NO 2027
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2027

Ser Gln Ile Leu Ser Lys Leu Arg
1 5

<210> SEQ ID NO 2028
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2028

Gln Ile Leu Ser Lys Leu Arg Leu
1 5

<210> SEQ ID NO 2029
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2029

Ile Leu Ser Lys Leu Arg Leu Lys
1 5

<210> SEQ ID NO 2030
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2030

Leu Ser Lys Leu Arg Leu Lys Glu
1 5

<210> SEQ ID NO 2031
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2031

Ser Lys Leu Arg Leu Lys Glu Ala
1 5

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<210> SEQ ID NO 2032
<211> LENGTH: 8
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Lys Leu Arg Leu Lys Glu Ala Pro
1 5

<210> SEQ ID NO 2033
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<213> ORGANISM: Homo sapiens

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Leu Arg Leu Lys Glu Ala Pro Asn
1 5

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2034

Arg Leu Lys Glu Ala Pro Asn Ile
1 5

<210> SEQ ID NO 2035
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<400> SEQUENCE: 2035

Leu Lys Glu Ala Pro Asn Ile Ser
1 5

<210> SEQ ID NO 2036
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<400> SEQUENCE: 2036

Lys Glu Ala Pro Asn Ile Ser Arg
1 5

<210> SEQ ID NO 2037
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Glu Ala Pro Asn Ile Ser Arg Glu
1 5

<210> SEQ ID NO 2038
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Ala Pro Asn Ile Ser Arg Glu Val
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<210> SEQ ID NO 2039
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Pro Asn Ile Ser Arg Glu Val Val
1 5

<210> SEQ ID NO 2040
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<400> SEQUENCE: 2040

Asn Ile Ser Arg Glu Val Val Lys
1 5

<210> SEQ ID NO 2041
<211> LENGTH: 8
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2041

Ile Ser Arg Glu Val Val Lys Gln
1 5

<210> SEQ ID NO 2042
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<400> SEQUENCE: 2042

Ser Arg Glu Val Val Lys Gln Leu
1 5

<210> SEQ ID NO 2043
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<400> SEQUENCE: 2043

Arg Glu Val Val Lys Gln Leu Leu
1 5

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<400> SEQUENCE: 2044

Glu Val Val Lys Gln Leu Leu Pro
1 5

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<400> SEQUENCE: 2045

Val Val Lys Gln Leu Leu Pro Lys
1 5

<210> SEQ ID NO 2046
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<400> SEQUENCE: 2046

Val Lys Gln Leu Leu Pro Lys Ala
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<210> SEQ ID NO 2047

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<400> SEQUENCE: 2047

Lys Gln Leu Leu Pro Lys Ala Pro
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<210> SEQ ID NO 2048

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2048

Gln Leu Leu Pro Lys Ala Pro Pro
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<400> SEQUENCE: 2049

Leu Leu Pro Lys Ala Pro Pro Leu
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<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2050

Leu Pro Lys Ala Pro Pro Leu Gln
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<210> SEQ ID NO 2051

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2051

Pro Lys Ala Pro Pro Leu Gln Gln
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<210> SEQ ID NO 2052

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2052

Lys Ala Pro Pro Leu Gln Gln Ile
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<210> SEQ ID NO 2053

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Ala Pro Pro Leu Gln Gln Ile Leu
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Pro Pro Leu Gln Gln Ile Leu Asp
1 5

<210> SEQ ID NO 2055
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<400> SEQUENCE: 2055

Pro Leu Gln Gln Ile Leu Asp Leu
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Leu Gln Gln Ile Leu Asp Leu His
1 5

<210> SEQ ID NO 2057
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<400> SEQUENCE: 2057

Gln Gln Ile Leu Asp Leu His Asp
1 5

<210> SEQ ID NO 2058
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2058

Gln Ile Leu Asp Leu His Asp Phe
1 5

<210> SEQ ID NO 2059
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<400> SEQUENCE: 2059

Ile Leu Asp Leu His Asp Phe Gln
1 5

<210> SEQ ID NO 2060
<211> LENGTH: 8
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<400> SEQUENCE: 2060

Leu Asp Leu His Asp Phe Gln Gly

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<210> SEQ ID NO 2061
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Asp Leu His Asp Phe Gln Gly Asp
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<210> SEQ ID NO 2062
<211> LENGTH: 8
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2062

Leu His Asp Phe Gln Gly Asp Ala
1 5

<210> SEQ ID NO 2063
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2063

His Asp Phe Gln Gly Asp Ala Leu
1 5

<210> SEQ ID NO 2064
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2064

Asp Phe Gln Gly Asp Ala Leu Gln
1 5

<210> SEQ ID NO 2065
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2065

Phe Gln Gly Asp Ala Leu Gln Pro
1 5

<210> SEQ ID NO 2066
<211> LENGTH: 8
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2066

Gln Gly Asp Ala Leu Gln Pro Glu
1 5

<210> SEQ ID NO 2067
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2067

Gly Asp Ala Leu Gln Pro Glu Asp
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<210> SEQ ID NO 2068
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2068

Asp Ala Leu Gln Pro Glu Asp Phe
1 5

<210> SEQ ID NO 2069
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2069

Ala Leu Gln Pro Glu Asp Phe Leu
1 5

<210> SEQ ID NO 2070
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2070

Leu Gln Pro Glu Asp Phe Leu Glu
1 5

<210> SEQ ID NO 2071
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2071

Gln Pro Glu Asp Phe Leu Glu Glu
1 5

<210> SEQ ID NO 2072
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2072

Pro Glu Asp Phe Leu Glu Glu Asp
1 5

<210> SEQ ID NO 2073
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2073

Glu Asp Phe Leu Glu Glu Asp Glu
1 5

<210> SEQ ID NO 2074
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2074

Asp Phe Leu Glu Glu Asp Glu Tyr
1 5

<210> SEQ ID NO 2075

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<211> LENGTH: 8
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<400> SEQUENCE: 2075

Phe Leu Glu Glu Asp Glu Tyr His
1 5

<210> SEQ ID NO 2076
<211> LENGTH: 8
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2076

Leu Glu Glu Asp Glu Tyr His Ala
1 5

<210> SEQ ID NO 2077
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2077

Glu Glu Asp Glu Tyr His Ala Thr
1 5

<210> SEQ ID NO 2078
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2078

Glu Asp Glu Tyr His Ala Thr Thr
1 5

<210> SEQ ID NO 2079
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2079

Asp Glu Tyr His Ala Thr Thr Glu
1 5

<210> SEQ ID NO 2080
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2080

Glu Tyr His Ala Thr Thr Glu Thr
1 5

<210> SEQ ID NO 2081
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2081

Tyr His Ala Thr Thr Glu Thr Val
1 5

<210> SEQ ID NO 2082
<211> LENGTH: 8
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2082
His Ala Thr Thr Glu Thr Val Ile
1 5

<210> SEQ ID NO 2083
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2083
Ala Thr Thr Glu Thr Val Ile Ser
1 5

<210> SEQ ID NO 2084
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2084
Thr Thr Glu Thr Val Ile Ser Met
1 5

<210> SEQ ID NO 2085
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2085
Thr Glu Thr Val Ile Ser Met Ala
1 5

<210> SEQ ID NO 2086
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2086
Glu Thr Val Ile Ser Met Ala Gln
1 5

<210> SEQ ID NO 2087
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2087
Thr Val Ile Ser Met Ala Gln Glu
1 5

<210> SEQ ID NO 2088
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2088
Val Ile Ser Met Ala Gln Glu Thr
1 5

<210> SEQ ID NO 2089
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2089

Ile Ser Met Ala Gln Glu Thr Asp
1 5

<210> SEQ ID NO 2090

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2090

Ser Met Ala Gln Glu Thr Asp Pro
1 5

<210> SEQ ID NO 2091

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2091

Met Ala Gln Glu Thr Asp Pro Ala
1 5

<210> SEQ ID NO 2092

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2092

Ala Gln Glu Thr Asp Pro Ala Val
1 5

<210> SEQ ID NO 2093

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2093

Gln Glu Thr Asp Pro Ala Val Gln
1 5

<210> SEQ ID NO 2094

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2094

Glu Thr Asp Pro Ala Val Gln Thr
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<210> SEQ ID NO 2095

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2095

Thr Asp Pro Ala Val Gln Thr Asp
1 5

<210> SEQ ID NO 2096

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2096

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Asp Pro Ala Val Gln Thr Asp Gly
1 5

<210> SEQ ID NO 2097
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2097

Pro Ala Val Gln Thr Asp Gly Ser
1 5

<210> SEQ ID NO 2098
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2098

Ala Val Gln Thr Asp Gly Ser Pro
1 5

<210> SEQ ID NO 2099
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2099

Val Gln Thr Asp Gly Ser Pro Leu
1 5

<210> SEQ ID NO 2100
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2100

Gln Thr Asp Gly Ser Pro Leu Cys
1 5

<210> SEQ ID NO 2101
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2101

Thr Asp Gly Ser Pro Leu Cys Cys
1 5

<210> SEQ ID NO 2102
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2102

Asp Gly Ser Pro Leu Cys Cys His
1 5

<210> SEQ ID NO 2103
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2103

Gly Ser Pro Leu Cys Cys His Phe
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<210> SEQ ID NO 2104
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2104

Ser Pro Leu Cys Cys His Phe His
1 5

<210> SEQ ID NO 2105
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2105

Pro Leu Cys Cys His Phe His Phe
1 5

<210> SEQ ID NO 2106
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2106

Leu Cys Cys His Phe His Phe Ser
1 5

<210> SEQ ID NO 2107
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2107

Cys Cys His Phe His Phe Ser Pro
1 5

<210> SEQ ID NO 2108
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2108

Cys His Phe His Phe Ser Pro Lys
1 5

<210> SEQ ID NO 2109
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2109

His Phe His Phe Ser Pro Lys Val
1 5

<210> SEQ ID NO 2110
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2110

Phe His Phe Ser Pro Lys Val Met
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<210> SEQ ID NO 2111
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2111

His Phe Ser Pro Lys Val Met Phe
1 5

<210> SEQ ID NO 2112
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2112

Phe Ser Pro Lys Val Met Phe Thr
1 5

<210> SEQ ID NO 2113
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2113

Ser Pro Lys Val Met Phe Thr Lys
1 5

<210> SEQ ID NO 2114
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2114

Pro Lys Val Met Phe Thr Lys Val
1 5

<210> SEQ ID NO 2115
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2115

Lys Val Met Phe Thr Lys Val Leu
1 5

<210> SEQ ID NO 2116
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2116

Val Met Phe Thr Lys Val Leu Lys
1 5

<210> SEQ ID NO 2117
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2117

Met Phe Thr Lys Val Leu Lys Ala
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<210> SEQ ID NO 2118
<211> LENGTH: 8

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2118

Phe Thr Lys Val Leu Lys Ala Gln
1 5

<210> SEQ ID NO 2119
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2119

Thr Lys Val Leu Lys Ala Gln Leu
1 5

<210> SEQ ID NO 2120
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2120

Lys Val Leu Lys Ala Gln Leu Trp
1 5

<210> SEQ ID NO 2121
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2121

Val Leu Lys Ala Gln Leu Trp Val
1 5

<210> SEQ ID NO 2122
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2122

Leu Lys Ala Gln Leu Trp Val Tyr
1 5

<210> SEQ ID NO 2123
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2123

Lys Ala Gln Leu Trp Val Tyr Leu
1 5

<210> SEQ ID NO 2124
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2124

Ala Gln Leu Trp Val Tyr Leu Arg
1 5

<210> SEQ ID NO 2125
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2125

Gln Leu Trp Val Tyr Leu Arg Pro
1 5

<210> SEQ ID NO 2126

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2126

Leu Trp Val Tyr Leu Arg Pro Val
1 5

<210> SEQ ID NO 2127

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2127

Trp Val Tyr Leu Arg Pro Val Pro
1 5

<210> SEQ ID NO 2128

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2128

Val Tyr Leu Arg Pro Val Pro Arg
1 5

<210> SEQ ID NO 2129

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2129

Tyr Leu Arg Pro Val Pro Arg Pro
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<210> SEQ ID NO 2130

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2130

Leu Arg Pro Val Pro Arg Pro Ala
1 5

<210> SEQ ID NO 2131

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2131

Arg Pro Val Pro Arg Pro Ala Thr
1 5

<210> SEQ ID NO 2132

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2132

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Pro Val Pro Arg Pro Ala Thr Val
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<210> SEQ ID NO 2133
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2133

Val Pro Arg Pro Ala Thr Val Tyr
1 5

<210> SEQ ID NO 2134
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2134

Pro Arg Pro Ala Thr Val Tyr Leu
1 5

<210> SEQ ID NO 2135
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2135

Arg Pro Ala Thr Val Tyr Leu Gln
1 5

<210> SEQ ID NO 2136
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2136

Pro Ala Thr Val Tyr Leu Gln Ile
1 5

<210> SEQ ID NO 2137
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2137

Ala Thr Val Tyr Leu Gln Ile Leu
1 5

<210> SEQ ID NO 2138
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2138

Thr Val Tyr Leu Gln Ile Leu Arg
1 5

<210> SEQ ID NO 2139
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2139

Val Tyr Leu Gln Ile Leu Arg Leu

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<210> SEQ ID NO 2140
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2140

Tyr Leu Gln Ile Leu Arg Leu Lys
1 5

<210> SEQ ID NO 2141
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2141

Leu Gln Ile Leu Arg Leu Lys Pro
1 5

<210> SEQ ID NO 2142
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2142

Gln Ile Leu Arg Leu Lys Pro Leu
1 5

<210> SEQ ID NO 2143
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2143

Ile Leu Arg Leu Lys Pro Leu Thr
1 5

<210> SEQ ID NO 2144
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2144

Leu Arg Leu Lys Pro Leu Thr Gly
1 5

<210> SEQ ID NO 2145
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2145

Arg Leu Lys Pro Leu Thr Gly Glu
1 5

<210> SEQ ID NO 2146
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2146

Leu Lys Pro Leu Thr Gly Glu Gly
1 5

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<210> SEQ ID NO 2147
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2147

Lys Pro Leu Thr Gly Glu Gly Thr
1 5

<210> SEQ ID NO 2148
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2148

Pro Leu Thr Gly Glu Gly Thr Ala
1 5

<210> SEQ ID NO 2149
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2149

Leu Thr Gly Glu Gly Thr Ala Gly
1 5

<210> SEQ ID NO 2150
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2150

Thr Gly Glu Gly Thr Ala Gly Gly
1 5

<210> SEQ ID NO 2151
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2151

Gly Glu Gly Thr Ala Gly Gly Gly
1 5

<210> SEQ ID NO 2152
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2152

Glu Gly Thr Ala Gly Gly Gly Gly
1 5

<210> SEQ ID NO 2153
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2153

Gly Thr Ala Gly Gly Gly Gly Gly
1 5

<210> SEQ ID NO 2154

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<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2154

Thr Ala Gly Gly Gly Gly Gly Gly
1 5

<210> SEQ ID NO 2155
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2155

Ala Gly Gly Gly Gly Gly Gly Arg
1 5

<210> SEQ ID NO 2156
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2156

Gly Gly Gly Gly Gly Gly Arg Arg
1 5

<210> SEQ ID NO 2157
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2157

Gly Gly Gly Gly Gly Arg Arg His
1 5

<210> SEQ ID NO 2158
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2158

Gly Gly Gly Gly Arg Arg His Ile
1 5

<210> SEQ ID NO 2159
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2159

Gly Gly Gly Arg Arg His Ile Arg
1 5

<210> SEQ ID NO 2160
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2160

Gly Gly Arg Arg His Ile Arg Ile
1 5

<210> SEQ ID NO 2161
<211> LENGTH: 8
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2161
Gly Arg Arg His Ile Arg Ile Arg
1 5

<210> SEQ ID NO 2162
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2162
Arg Arg His Ile Arg Ile Arg Ser
1 5

<210> SEQ ID NO 2163
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2163
Arg His Ile Arg Ile Arg Ser Leu
1 5

<210> SEQ ID NO 2164
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2164
His Ile Arg Ile Arg Ser Leu Lys
1 5

<210> SEQ ID NO 2165
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2165
Ile Arg Ile Arg Ser Leu Lys Ile
1 5

<210> SEQ ID NO 2166
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2166
Arg Ile Arg Ser Leu Lys Ile Glu
1 5

<210> SEQ ID NO 2167
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2167
Ile Arg Ser Leu Lys Ile Glu Leu
1 5

<210> SEQ ID NO 2168
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2168

Arg Ser Leu Lys Ile Glu Leu His
1 5

<210> SEQ ID NO 2169

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2169

Ser Leu Lys Ile Glu Leu His Ser
1 5

<210> SEQ ID NO 2170

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2170

Leu Lys Ile Glu Leu His Ser Arg
1 5

<210> SEQ ID NO 2171

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2171

Lys Ile Glu Leu His Ser Arg Ser
1 5

<210> SEQ ID NO 2172

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2172

Ile Glu Leu His Ser Arg Ser Gly
1 5

<210> SEQ ID NO 2173

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2173

Glu Leu His Ser Arg Ser Gly His
1 5

<210> SEQ ID NO 2174

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2174

Leu His Ser Arg Ser Gly His Trp
1 5

<210> SEQ ID NO 2175

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2175

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His Ser Arg Ser Gly His Trp Gln
1 5

<210> SEQ ID NO 2176
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2176

Ser Arg Ser Gly His Trp Gln Ser
1 5

<210> SEQ ID NO 2177
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2177

Arg Ser Gly His Trp Gln Ser Ile
1 5

<210> SEQ ID NO 2178
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2178

Ser Gly His Trp Gln Ser Ile Asp
1 5

<210> SEQ ID NO 2179
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2179

Gly His Trp Gln Ser Ile Asp Phe
1 5

<210> SEQ ID NO 2180
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2180

His Trp Gln Ser Ile Asp Phe Lys
1 5

<210> SEQ ID NO 2181
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2181

Trp Gln Ser Ile Asp Phe Lys Gln
1 5

<210> SEQ ID NO 2182
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2182

Gln Ser Ile Asp Phe Lys Gln Val
1 5

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<210> SEQ ID NO 2183
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2183

Ser Ile Asp Phe Lys Gln Val Leu
1 5

<210> SEQ ID NO 2184
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2184

Ile Asp Phe Lys Gln Val Leu His
1 5

<210> SEQ ID NO 2185
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2185

Asp Phe Lys Gln Val Leu His Ser
1 5

<210> SEQ ID NO 2186
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2186

Phe Lys Gln Val Leu His Ser Trp
1 5

<210> SEQ ID NO 2187
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2187

Lys Gln Val Leu His Ser Trp Phe
1 5

<210> SEQ ID NO 2188
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2188

Gln Val Leu His Ser Trp Phe Arg
1 5

<210> SEQ ID NO 2189
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2189

Val Leu His Ser Trp Phe Arg Gln
1 5

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<210> SEQ ID NO 2190

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2190

Leu His Ser Trp Phe Arg Gln Pro
1 5

<210> SEQ ID NO 2191

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2191

His Ser Trp Phe Arg Gln Pro Gln
1 5

<210> SEQ ID NO 2192

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2192

Ser Trp Phe Arg Gln Pro Gln Ser
1 5

<210> SEQ ID NO 2193

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2193

Trp Phe Arg Gln Pro Gln Ser Asn
1 5

<210> SEQ ID NO 2194

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2194

Phe Arg Gln Pro Gln Ser Asn Trp
1 5

<210> SEQ ID NO 2195

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2195

Arg Gln Pro Gln Ser Asn Trp Gly
1 5

<210> SEQ ID NO 2196

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2196

Gln Pro Gln Ser Asn Trp Gly Ile
1 5

<210> SEQ ID NO 2197

<211> LENGTH: 8

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2197

Pro Gln Ser Asn Trp Gly Ile Glu
1 5

<210> SEQ ID NO 2198
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2198

Gln Ser Asn Trp Gly Ile Glu Ile
1 5

<210> SEQ ID NO 2199
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2199

Ser Asn Trp Gly Ile Glu Ile Asn
1 5

<210> SEQ ID NO 2200
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2200

Asn Trp Gly Ile Glu Ile Asn Ala
1 5

<210> SEQ ID NO 2201
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2201

Trp Gly Ile Glu Ile Asn Ala Phe
1 5

<210> SEQ ID NO 2202
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2202

Gly Ile Glu Ile Asn Ala Phe Asp
1 5

<210> SEQ ID NO 2203
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2203

Ile Glu Ile Asn Ala Phe Asp Pro
1 5

<210> SEQ ID NO 2204
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2204

Glu Ile Asn Ala Phe Asp Pro Ser
1 5

<210> SEQ ID NO 2205

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2205

Ile Asn Ala Phe Asp Pro Ser Gly
1 5

<210> SEQ ID NO 2206

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2206

Asn Ala Phe Asp Pro Ser Gly Thr
1 5

<210> SEQ ID NO 2207

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2207

Ala Phe Asp Pro Ser Gly Thr Asp
1 5

<210> SEQ ID NO 2208

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2208

Phe Asp Pro Ser Gly Thr Asp Leu
1 5

<210> SEQ ID NO 2209

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2209

Asp Pro Ser Gly Thr Asp Leu Ala
1 5

<210> SEQ ID NO 2210

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2210

Pro Ser Gly Thr Asp Leu Ala Val
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<210> SEQ ID NO 2211

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2211

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Ser Gly Thr Asp Leu Ala Val Thr
1 5

<210> SEQ ID NO 2212
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2212

Gly Thr Asp Leu Ala Val Thr Ser
1 5

<210> SEQ ID NO 2213
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2213

Thr Asp Leu Ala Val Thr Ser Leu
1 5

<210> SEQ ID NO 2214
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2214

Asp Leu Ala Val Thr Ser Leu Gly
1 5

<210> SEQ ID NO 2215
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2215

Leu Ala Val Thr Ser Leu Gly Pro
1 5

<210> SEQ ID NO 2216
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2216

Ala Val Thr Ser Leu Gly Pro Gly
1 5

<210> SEQ ID NO 2217
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2217

Val Thr Ser Leu Gly Pro Gly Ala
1 5

<210> SEQ ID NO 2218
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2218

Thr Ser Leu Gly Pro Gly Ala Glu

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<210> SEQ ID NO 2219
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2219

Ser Leu Gly Pro Gly Ala Glu Gly
1 5

<210> SEQ ID NO 2220
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2220

Leu Gly Pro Gly Ala Glu Gly Leu
1 5

<210> SEQ ID NO 2221
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2221

Gly Pro Gly Ala Glu Gly Leu His
1 5

<210> SEQ ID NO 2222
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2222

Pro Gly Ala Glu Gly Leu His Pro
1 5

<210> SEQ ID NO 2223
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2223

Gly Ala Glu Gly Leu His Pro Phe
1 5

<210> SEQ ID NO 2224
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2224

Ala Glu Gly Leu His Pro Phe Met
1 5

<210> SEQ ID NO 2225
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2225

Glu Gly Leu His Pro Phe Met Glu
1 5

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<210> SEQ ID NO 2226
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2226

Gly Leu His Pro Phe Met Glu Leu
1 5

<210> SEQ ID NO 2227
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2227

Leu His Pro Phe Met Glu Leu Arg
1 5

<210> SEQ ID NO 2228
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2228

His Pro Phe Met Glu Leu Arg Val
1 5

<210> SEQ ID NO 2229
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2229

Pro Phe Met Glu Leu Arg Val Leu
1 5

<210> SEQ ID NO 2230
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2230

Phe Met Glu Leu Arg Val Leu Glu
1 5

<210> SEQ ID NO 2231
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2231

Met Glu Leu Arg Val Leu Glu Asn
1 5

<210> SEQ ID NO 2232
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2232

Glu Leu Arg Val Leu Glu Asn Thr
1 5

<210> SEQ ID NO 2233

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<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2233

Leu Arg Val Leu Glu Asn Thr Lys
1 5

<210> SEQ ID NO 2234
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2234

Arg Val Leu Glu Asn Thr Lys Arg
1 5

<210> SEQ ID NO 2235
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2235

Val Leu Glu Asn Thr Lys Arg Ser
1 5

<210> SEQ ID NO 2236
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2236

Leu Glu Asn Thr Lys Arg Ser Arg
1 5

<210> SEQ ID NO 2237
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2237

Glu Asn Thr Lys Arg Ser Arg Arg
1 5

<210> SEQ ID NO 2238
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2238

Asn Thr Lys Arg Ser Arg Arg Asn
1 5

<210> SEQ ID NO 2239
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2239

Thr Lys Arg Ser Arg Arg Asn Leu
1 5

<210> SEQ ID NO 2240
<211> LENGTH: 8
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2240
Lys Arg Ser Arg Arg Asn Leu Gly
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<210> SEQ ID NO 2241
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2241
Arg Ser Arg Arg Asn Leu Gly Leu
1 5

<210> SEQ ID NO 2242
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2242
Ser Arg Arg Asn Leu Gly Leu Asp
1 5

<210> SEQ ID NO 2243
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2243
Arg Arg Asn Leu Gly Leu Asp Cys
1 5

<210> SEQ ID NO 2244
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2244
Arg Asn Leu Gly Leu Asp Cys Asp
1 5

<210> SEQ ID NO 2245
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2245
Asn Leu Gly Leu Asp Cys Asp Glu
1 5

<210> SEQ ID NO 2246
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2246
Leu Gly Leu Asp Cys Asp Glu His
1 5

<210> SEQ ID NO 2247
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2247

Gly Leu Asp Cys Asp Glu His Ser
1 5

<210> SEQ ID NO 2248

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2248

Leu Asp Cys Asp Glu His Ser Ser
1 5

<210> SEQ ID NO 2249

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2249

Asp Cys Asp Glu His Ser Ser Glu
1 5

<210> SEQ ID NO 2250

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2250

Cys Asp Glu His Ser Ser Glu Ser
1 5

<210> SEQ ID NO 2251

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2251

Asp Glu His Ser Ser Glu Ser Arg
1 5

<210> SEQ ID NO 2252

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2252

Glu His Ser Ser Glu Ser Arg Cys
1 5

<210> SEQ ID NO 2253

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2253

His Ser Ser Glu Ser Arg Cys Cys
1 5

<210> SEQ ID NO 2254

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2254

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Ser Ser Glu Ser Arg Cys Cys Arg
1 5

<210> SEQ ID NO 2255
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2255

Ser Glu Ser Arg Cys Cys Arg Tyr
1 5

<210> SEQ ID NO 2256
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2256

Glu Ser Arg Cys Cys Arg Tyr Pro
1 5

<210> SEQ ID NO 2257
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2257

Ser Arg Cys Cys Arg Tyr Pro Leu
1 5

<210> SEQ ID NO 2258
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2258

Arg Cys Cys Arg Tyr Pro Leu Thr
1 5

<210> SEQ ID NO 2259
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2259

Cys Cys Arg Tyr Pro Leu Thr Val
1 5

<210> SEQ ID NO 2260
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2260

Cys Arg Tyr Pro Leu Thr Val Asp
1 5

<210> SEQ ID NO 2261
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2261

Arg Tyr Pro Leu Thr Val Asp Phe
1 5

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<210> SEQ ID NO 2262
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2262

Tyr Pro Leu Thr Val Asp Phe Glu
1 5

<210> SEQ ID NO 2263
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2263

Pro Leu Thr Val Asp Phe Glu Ala
1 5

<210> SEQ ID NO 2264
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2264

Leu Thr Val Asp Phe Glu Ala Phe
1 5

<210> SEQ ID NO 2265
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2265

Thr Val Asp Phe Glu Ala Phe Gly
1 5

<210> SEQ ID NO 2266
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2266

Val Asp Phe Glu Ala Phe Gly Trp
1 5

<210> SEQ ID NO 2267
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2267

Asp Phe Glu Ala Phe Gly Trp Asp
1 5

<210> SEQ ID NO 2268
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2268

Phe Glu Ala Phe Gly Trp Asp Trp
1 5

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<210> SEQ ID NO 2269

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2269

Glu Ala Phe Gly Trp Asp Trp Ile
1 5

<210> SEQ ID NO 2270

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2270

Ala Phe Gly Trp Asp Trp Ile Ile
1 5

<210> SEQ ID NO 2271

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2271

Phe Gly Trp Asp Trp Ile Ile Ala
1 5

<210> SEQ ID NO 2272

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2272

Gly Trp Asp Trp Ile Ile Ala Pro
1 5

<210> SEQ ID NO 2273

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2273

Trp Asp Trp Ile Ile Ala Pro Lys
1 5

<210> SEQ ID NO 2274

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2274

Asp Trp Ile Ile Ala Pro Lys Arg
1 5

<210> SEQ ID NO 2275

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2275

Trp Ile Ile Ala Pro Lys Arg Tyr
1 5

<210> SEQ ID NO 2276

<211> LENGTH: 8

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2276

Ile Ile Ala Pro Lys Arg Tyr Lys
1 5

<210> SEQ ID NO 2277
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2277

Ile Ala Pro Lys Arg Tyr Lys Ala
1 5

<210> SEQ ID NO 2278
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2278

Ala Pro Lys Arg Tyr Lys Ala Asn
1 5

<210> SEQ ID NO 2279
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2279

Pro Lys Arg Tyr Lys Ala Asn Tyr
1 5

<210> SEQ ID NO 2280
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2280

Lys Arg Tyr Lys Ala Asn Tyr Cys
1 5

<210> SEQ ID NO 2281
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2281

Arg Tyr Lys Ala Asn Tyr Cys Ser
1 5

<210> SEQ ID NO 2282
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2282

Tyr Lys Ala Asn Tyr Cys Ser Gly
1 5

<210> SEQ ID NO 2283
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2283

Lys Ala Asn Tyr Cys Ser Gly Gln
1 5

<210> SEQ ID NO 2284

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2284

Ala Asn Tyr Cys Ser Gly Gln Cys
1 5

<210> SEQ ID NO 2285

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2285

Asn Tyr Cys Ser Gly Gln Cys Glu
1 5

<210> SEQ ID NO 2286

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2286

Tyr Cys Ser Gly Gln Cys Glu Tyr
1 5

<210> SEQ ID NO 2287

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2287

Cys Ser Gly Gln Cys Glu Tyr Met
1 5

<210> SEQ ID NO 2288

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2288

Ser Gly Gln Cys Glu Tyr Met Phe
1 5

<210> SEQ ID NO 2289

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2289

Gly Gln Cys Glu Tyr Met Phe Met
1 5

<210> SEQ ID NO 2290

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2290

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Gln Cys Glu Tyr Met Phe Met Gln
1 5

<210> SEQ ID NO 2291
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2291

Cys Glu Tyr Met Phe Met Gln Lys
1 5

<210> SEQ ID NO 2292
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2292

Glu Tyr Met Phe Met Gln Lys Tyr
1 5

<210> SEQ ID NO 2293
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2293

Tyr Met Phe Met Gln Lys Tyr Pro
1 5

<210> SEQ ID NO 2294
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2294

Met Phe Met Gln Lys Tyr Pro His
1 5

<210> SEQ ID NO 2295
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2295

Phe Met Gln Lys Tyr Pro His Thr
1 5

<210> SEQ ID NO 2296
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2296

Met Gln Lys Tyr Pro His Thr His
1 5

<210> SEQ ID NO 2297
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2297

Gln Lys Tyr Pro His Thr His Leu

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1 5

<210> SEQ ID NO 2298
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2298

Lys Tyr Pro His Thr His Leu Val
1 5

<210> SEQ ID NO 2299
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2299

Tyr Pro His Thr His Leu Val Gln
1 5

<210> SEQ ID NO 2300
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2300

Pro His Thr His Leu Val Gln Gln
1 5

<210> SEQ ID NO 2301
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2301

His Thr His Leu Val Gln Gln Ala
1 5

<210> SEQ ID NO 2302
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2302

Thr His Leu Val Gln Gln Ala Asn
1 5

<210> SEQ ID NO 2303
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2303

His Leu Val Gln Gln Ala Asn Pro
1 5

<210> SEQ ID NO 2304
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2304

Leu Val Gln Gln Ala Asn Pro Arg
1 5

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<210> SEQ ID NO 2305
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2305

Val Gln Gln Ala Asn Pro Arg Gly
1 5

<210> SEQ ID NO 2306
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2306

Gln Gln Ala Asn Pro Arg Gly Ser
1 5

<210> SEQ ID NO 2307
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2307

Gln Ala Asn Pro Arg Gly Ser Ala
1 5

<210> SEQ ID NO 2308
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2308

Ala Asn Pro Arg Gly Ser Ala Gly
1 5

<210> SEQ ID NO 2309
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2309

Asn Pro Arg Gly Ser Ala Gly Pro
1 5

<210> SEQ ID NO 2310
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2310

Pro Arg Gly Ser Ala Gly Pro Cys
1 5

<210> SEQ ID NO 2311
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2311

Arg Gly Ser Ala Gly Pro Cys Cys
1 5

<210> SEQ ID NO 2312

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<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2312

Gly Ser Ala Gly Pro Cys Cys Thr
1 5

<210> SEQ ID NO 2313
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2313

Ser Ala Gly Pro Cys Cys Thr Pro
1 5

<210> SEQ ID NO 2314
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2314

Ala Gly Pro Cys Cys Thr Pro Thr
1 5

<210> SEQ ID NO 2315
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2315

Gly Pro Cys Cys Thr Pro Thr Lys
1 5

<210> SEQ ID NO 2316
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2316

Pro Cys Cys Thr Pro Thr Lys Met
1 5

<210> SEQ ID NO 2317
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2317

Cys Cys Thr Pro Thr Lys Met Ser
1 5

<210> SEQ ID NO 2318
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2318

Cys Thr Pro Thr Lys Met Ser Pro
1 5

<210> SEQ ID NO 2319
<211> LENGTH: 8
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2319
Thr Pro Thr Lys Met Ser Pro Ile
1 5

<210> SEQ ID NO 2320
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2320
Pro Thr Lys Met Ser Pro Ile Asn
1 5

<210> SEQ ID NO 2321
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2321
Thr Lys Met Ser Pro Ile Asn Met
1 5

<210> SEQ ID NO 2322
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2322
Lys Met Ser Pro Ile Asn Met Leu
1 5

<210> SEQ ID NO 2323
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2323
Met Ser Pro Ile Asn Met Leu Tyr
1 5

<210> SEQ ID NO 2324
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2324
Ser Pro Ile Asn Met Leu Tyr Phe
1 5

<210> SEQ ID NO 2325
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2325
Pro Ile Asn Met Leu Tyr Phe Asn
1 5

<210> SEQ ID NO 2326
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2326

Ile Asn Met Leu Tyr Phe Asn Asp
1 5

<210> SEQ ID NO 2327

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2327

Asn Met Leu Tyr Phe Asn Asp Lys
1 5

<210> SEQ ID NO 2328

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2328

Met Leu Tyr Phe Asn Asp Lys Gln
1 5

<210> SEQ ID NO 2329

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2329

Leu Tyr Phe Asn Asp Lys Gln Gln
1 5

<210> SEQ ID NO 2330

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2330

Tyr Phe Asn Asp Lys Gln Gln Ile
1 5

<210> SEQ ID NO 2331

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2331

Phe Asn Asp Lys Gln Gln Ile Ile
1 5

<210> SEQ ID NO 2332

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2332

Asn Asp Lys Gln Gln Ile Ile Tyr
1 5

<210> SEQ ID NO 2333

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2333

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Asp Lys Gln Gln Ile Ile Tyr Gly
1 5

<210> SEQ ID NO 2334
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2334

Lys Gln Gln Ile Ile Tyr Gly Lys
1 5

<210> SEQ ID NO 2335
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2335

Gln Gln Ile Ile Tyr Gly Lys Ile
1 5

<210> SEQ ID NO 2336
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2336

Gln Ile Ile Tyr Gly Lys Ile Pro
1 5

<210> SEQ ID NO 2337
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2337

Ile Ile Tyr Gly Lys Ile Pro Gly
1 5

<210> SEQ ID NO 2338
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2338

Ile Tyr Gly Lys Ile Pro Gly Met
1 5

<210> SEQ ID NO 2339
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2339

Tyr Gly Lys Ile Pro Gly Met Val
1 5

<210> SEQ ID NO 2340
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2340

Gly Lys Ile Pro Gly Met Val Val
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<210> SEQ ID NO 2341
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2341

Lys Ile Pro Gly Met Val Val Asp
1 5

<210> SEQ ID NO 2342
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2342

Ile Pro Gly Met Val Val Asp Arg
1 5

<210> SEQ ID NO 2343
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2343

Pro Gly Met Val Val Asp Arg Cys
1 5

<210> SEQ ID NO 2344
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2344

Gly Met Val Val Asp Arg Cys Gly
1 5

<210> SEQ ID NO 2345
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2345

Met Val Val Asp Arg Cys Gly Cys
1 5

<210> SEQ ID NO 2346
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2346

Val Val Asp Arg Cys Gly Cys Ser
1 5

<210> SEQ ID NO 2347
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2347

Met Val Leu Ala Ala Pro Leu Leu Leu
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<210> SEQ ID NO 2348
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2348

Val Leu Ala Ala Pro Leu Leu Leu Gly
1 5

<210> SEQ ID NO 2349
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2349

Leu Ala Ala Pro Leu Leu Leu Gly Phe
1 5

<210> SEQ ID NO 2350
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2350

Ala Ala Pro Leu Leu Leu Gly Phe Leu
1 5

<210> SEQ ID NO 2351
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2351

Ala Pro Leu Leu Leu Gly Phe Leu Leu
1 5

<210> SEQ ID NO 2352
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2352

Pro Leu Leu Leu Gly Phe Leu Leu Leu
1 5

<210> SEQ ID NO 2353
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2353

Leu Leu Leu Gly Phe Leu Leu Leu Ala
1 5

<210> SEQ ID NO 2354
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2354

Leu Leu Gly Phe Leu Leu Leu Ala Leu
1 5

<210> SEQ ID NO 2355
<211> LENGTH: 9

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2355

Leu Gly Phe Leu Leu Leu Ala Leu Glu
1 5

<210> SEQ ID NO 2356
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2356

Gly Phe Leu Leu Leu Ala Leu Glu Leu
1 5

<210> SEQ ID NO 2357
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2357

Phe Leu Leu Leu Ala Leu Glu Leu Arg
1 5

<210> SEQ ID NO 2358
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2358

Leu Leu Leu Ala Leu Glu Leu Arg Pro
1 5

<210> SEQ ID NO 2359
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2359

Leu Leu Ala Leu Glu Leu Arg Pro Arg
1 5

<210> SEQ ID NO 2360
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2360

Leu Ala Leu Glu Leu Arg Pro Arg Gly
1 5

<210> SEQ ID NO 2361
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2361

Ala Leu Glu Leu Arg Pro Arg Gly Glu
1 5

<210> SEQ ID NO 2362
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2362

Leu Glu Leu Arg Pro Arg Gly Glu Ala
1 5

<210> SEQ ID NO 2363

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2363

Glu Leu Arg Pro Arg Gly Glu Ala Ala
1 5

<210> SEQ ID NO 2364

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2364

Leu Arg Pro Arg Gly Glu Ala Ala Glu
1 5

<210> SEQ ID NO 2365

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2365

Arg Pro Arg Gly Glu Ala Ala Glu Gly
1 5

<210> SEQ ID NO 2366

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2366

Pro Arg Gly Glu Ala Ala Glu Gly Pro
1 5

<210> SEQ ID NO 2367

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2367

Arg Gly Glu Ala Ala Glu Gly Pro Ala
1 5

<210> SEQ ID NO 2368

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2368

Gly Glu Ala Ala Glu Gly Pro Ala Ala
1 5

<210> SEQ ID NO 2369

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2369

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Glu Ala Ala Glu Gly Pro Ala Ala Ala
1 5

<210> SEQ ID NO 2370
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2370

Ala Ala Glu Gly Pro Ala Ala Ala Ala
1 5

<210> SEQ ID NO 2371
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2371

Ala Glu Gly Pro Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 2372
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2372

Glu Gly Pro Ala Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 2373
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2373

Gly Pro Ala Ala Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 2374
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2374

Pro Ala Ala Ala Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 2375
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2375

Ala Ala Ala Ala Ala Ala Ala Ala Ala
1 5

<210> SEQ ID NO 2376
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2376

Ala Ala Ala Ala Ala Ala Ala Ala Gly

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1 5

<210> SEQ ID NO 2377
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2377

Ala Ala Ala Ala Ala Ala Ala Gly Val
1 5

<210> SEQ ID NO 2378
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2378

Ala Ala Ala Ala Ala Ala Gly Val Gly
1 5

<210> SEQ ID NO 2379
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2379

Ala Ala Ala Ala Ala Gly Val Gly Gly
1 5

<210> SEQ ID NO 2380
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2380

Ala Ala Ala Ala Gly Val Gly Gly Glu
1 5

<210> SEQ ID NO 2381
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2381

Ala Ala Ala Gly Val Gly Gly Glu Arg
1 5

<210> SEQ ID NO 2382
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2382

Ala Ala Gly Val Gly Gly Glu Arg Ser
1 5

<210> SEQ ID NO 2383
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2383

Ala Gly Val Gly Gly Glu Arg Ser Ser
1 5

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<210> SEQ ID NO 2384
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2384

Gly Val Gly Gly Glu Arg Ser Ser Arg
1 5

<210> SEQ ID NO 2385
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2385

Val Gly Gly Glu Arg Ser Ser Arg Pro
1 5

<210> SEQ ID NO 2386
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2386

Gly Gly Glu Arg Ser Ser Arg Pro Ala
1 5

<210> SEQ ID NO 2387
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2387

Gly Glu Arg Ser Ser Arg Pro Ala Pro
1 5

<210> SEQ ID NO 2388
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2388

Glu Arg Ser Ser Arg Pro Ala Pro Ser
1 5

<210> SEQ ID NO 2389
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2389

Arg Ser Ser Arg Pro Ala Pro Ser Val
1 5

<210> SEQ ID NO 2390
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2390

Ser Ser Arg Pro Ala Pro Ser Val Ala
1 5

<210> SEQ ID NO 2391

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<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2391

Ser Arg Pro Ala Pro Ser Val Ala Pro
1 5

<210> SEQ ID NO 2392
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2392

Arg Pro Ala Pro Ser Val Ala Pro Glu
1 5

<210> SEQ ID NO 2393
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2393

Pro Ala Pro Ser Val Ala Pro Glu Pro
1 5

<210> SEQ ID NO 2394
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2394

Ala Pro Ser Val Ala Pro Glu Pro Asp
1 5

<210> SEQ ID NO 2395
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2395

Pro Ser Val Ala Pro Glu Pro Asp Gly
1 5

<210> SEQ ID NO 2396
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2396

Ser Val Ala Pro Glu Pro Asp Gly Cys
1 5

<210> SEQ ID NO 2397
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2397

Val Ala Pro Glu Pro Asp Gly Cys Pro
1 5

<210> SEQ ID NO 2398
<211> LENGTH: 9
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2398
Ala Pro Glu Pro Asp Gly Cys Pro Val
1 5

<210> SEQ ID NO 2399
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2399
Pro Glu Pro Asp Gly Cys Pro Val Cys
1 5

<210> SEQ ID NO 2400
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2400
Glu Pro Asp Gly Cys Pro Val Cys Val
1 5

<210> SEQ ID NO 2401
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2401
Pro Asp Gly Cys Pro Val Cys Val Trp
1 5

<210> SEQ ID NO 2402
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2402
Asp Gly Cys Pro Val Cys Val Trp Arg
1 5

<210> SEQ ID NO 2403
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2403
Gly Cys Pro Val Cys Val Trp Arg Gln
1 5

<210> SEQ ID NO 2404
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2404
Cys Pro Val Cys Val Trp Arg Gln His
1 5

<210> SEQ ID NO 2405
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2405

Pro Val Cys Val Trp Arg Gln His Ser
1 5

<210> SEQ ID NO 2406

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2406

Val Cys Val Trp Arg Gln His Ser Arg
1 5

<210> SEQ ID NO 2407

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2407

Cys Val Trp Arg Gln His Ser Arg Glu
1 5

<210> SEQ ID NO 2408

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2408

Val Trp Arg Gln His Ser Arg Glu Leu
1 5

<210> SEQ ID NO 2409

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2409

Trp Arg Gln His Ser Arg Glu Leu Arg
1 5

<210> SEQ ID NO 2410

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2410

Arg Gln His Ser Arg Glu Leu Arg Leu
1 5

<210> SEQ ID NO 2411

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2411

Gln His Ser Arg Glu Leu Arg Leu Glu
1 5

<210> SEQ ID NO 2412

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2412

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His Ser Arg Glu Leu Arg Leu Glu Ser
1 5

<210> SEQ ID NO 2413
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2413

Ser Arg Glu Leu Arg Leu Glu Ser Ile
1 5

<210> SEQ ID NO 2414
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2414

Arg Glu Leu Arg Leu Glu Ser Ile Lys
1 5

<210> SEQ ID NO 2415
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2415

Glu Leu Arg Leu Glu Ser Ile Lys Ser
1 5

<210> SEQ ID NO 2416
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2416

Leu Arg Leu Glu Ser Ile Lys Ser Gln
1 5

<210> SEQ ID NO 2417
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2417

Arg Leu Glu Ser Ile Lys Ser Gln Ile
1 5

<210> SEQ ID NO 2418
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2418

Leu Glu Ser Ile Lys Ser Gln Ile Leu
1 5

<210> SEQ ID NO 2419
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2419

Glu Ser Ile Lys Ser Gln Ile Leu Ser
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<210> SEQ ID NO 2420
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2420

Ser Ile Lys Ser Gln Ile Leu Ser Lys
1 5

<210> SEQ ID NO 2421
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2421

Ile Lys Ser Gln Ile Leu Ser Lys Leu
1 5

<210> SEQ ID NO 2422
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2422

Lys Ser Gln Ile Leu Ser Lys Leu Arg
1 5

<210> SEQ ID NO 2423
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2423

Ser Gln Ile Leu Ser Lys Leu Arg Leu
1 5

<210> SEQ ID NO 2424
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2424

Gln Ile Leu Ser Lys Leu Arg Leu Lys
1 5

<210> SEQ ID NO 2425
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2425

Ile Leu Ser Lys Leu Arg Leu Lys Glu
1 5

<210> SEQ ID NO 2426
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2426

Leu Ser Lys Leu Arg Leu Lys Glu Ala
1 5

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<210> SEQ ID NO 2427
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2427

Ser Lys Leu Arg Leu Lys Glu Ala Pro
1 5

<210> SEQ ID NO 2428
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2428

Lys Leu Arg Leu Lys Glu Ala Pro Asn
1 5

<210> SEQ ID NO 2429
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2429

Leu Arg Leu Lys Glu Ala Pro Asn Ile
1 5

<210> SEQ ID NO 2430
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2430

Arg Leu Lys Glu Ala Pro Asn Ile Ser
1 5

<210> SEQ ID NO 2431
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2431

Leu Lys Glu Ala Pro Asn Ile Ser Arg
1 5

<210> SEQ ID NO 2432
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2432

Lys Glu Ala Pro Asn Ile Ser Arg Glu
1 5

<210> SEQ ID NO 2433
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2433

Glu Ala Pro Asn Ile Ser Arg Glu Val
1 5

<210> SEQ ID NO 2434
<211> LENGTH: 9

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2434

Ala Pro Asn Ile Ser Arg Glu Val Val
1 5

<210> SEQ ID NO 2435
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2435

Pro Asn Ile Ser Arg Glu Val Val Lys
1 5

<210> SEQ ID NO 2436
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2436

Asn Ile Ser Arg Glu Val Val Lys Gln
1 5

<210> SEQ ID NO 2437
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2437

Ile Ser Arg Glu Val Val Lys Gln Leu
1 5

<210> SEQ ID NO 2438
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2438

Ser Arg Glu Val Val Lys Gln Leu Leu
1 5

<210> SEQ ID NO 2439
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2439

Arg Glu Val Val Lys Gln Leu Leu Pro
1 5

<210> SEQ ID NO 2440
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2440

Glu Val Val Lys Gln Leu Leu Pro Lys
1 5

<210> SEQ ID NO 2441
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2441

Val Val Lys Gln Leu Leu Pro Lys Ala
1 5

<210> SEQ ID NO 2442

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2442

Val Lys Gln Leu Leu Pro Lys Ala Pro
1 5

<210> SEQ ID NO 2443

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2443

Lys Gln Leu Leu Pro Lys Ala Pro Pro
1 5

<210> SEQ ID NO 2444

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2444

Gln Leu Leu Pro Lys Ala Pro Pro Leu
1 5

<210> SEQ ID NO 2445

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2445

Leu Leu Pro Lys Ala Pro Pro Leu Gln
1 5

<210> SEQ ID NO 2446

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2446

Leu Pro Lys Ala Pro Pro Leu Gln Gln
1 5

<210> SEQ ID NO 2447

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2447

Pro Lys Ala Pro Pro Leu Gln Gln Ile
1 5

<210> SEQ ID NO 2448

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2448

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Lys Ala Pro Pro Leu Gln Gln Ile Leu
1 5

<210> SEQ ID NO 2449
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2449

Ala Pro Pro Leu Gln Gln Ile Leu Asp
1 5

<210> SEQ ID NO 2450
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2450

Pro Pro Leu Gln Gln Ile Leu Asp Leu
1 5

<210> SEQ ID NO 2451
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2451

Pro Leu Gln Gln Ile Leu Asp Leu His
1 5

<210> SEQ ID NO 2452
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2452

Leu Gln Gln Ile Leu Asp Leu His Asp
1 5

<210> SEQ ID NO 2453
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2453

Gln Gln Ile Leu Asp Leu His Asp Phe
1 5

<210> SEQ ID NO 2454
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2454

Gln Ile Leu Asp Leu His Asp Phe Gln
1 5

<210> SEQ ID NO 2455
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2455

Ile Leu Asp Leu His Asp Phe Gln Gly

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1 5

<210> SEQ ID NO 2456
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2456

Leu Asp Leu His Asp Phe Gln Gly Asp
1 5

<210> SEQ ID NO 2457
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2457

Asp Leu His Asp Phe Gln Gly Asp Ala
1 5

<210> SEQ ID NO 2458
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2458

Leu His Asp Phe Gln Gly Asp Ala Leu
1 5

<210> SEQ ID NO 2459
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2459

His Asp Phe Gln Gly Asp Ala Leu Gln
1 5

<210> SEQ ID NO 2460
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2460

Asp Phe Gln Gly Asp Ala Leu Gln Pro
1 5

<210> SEQ ID NO 2461
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2461

Phe Gln Gly Asp Ala Leu Gln Pro Glu
1 5

<210> SEQ ID NO 2462
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2462

Gln Gly Asp Ala Leu Gln Pro Glu Asp
1 5

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<210> SEQ ID NO 2463
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2463

Gly Asp Ala Leu Gln Pro Glu Asp Phe
1 5

<210> SEQ ID NO 2464
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2464

Asp Ala Leu Gln Pro Glu Asp Phe Leu
1 5

<210> SEQ ID NO 2465
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2465

Ala Leu Gln Pro Glu Asp Phe Leu Glu
1 5

<210> SEQ ID NO 2466
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2466

Leu Gln Pro Glu Asp Phe Leu Glu Glu
1 5

<210> SEQ ID NO 2467
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2467

Gln Pro Glu Asp Phe Leu Glu Glu Asp
1 5

<210> SEQ ID NO 2468
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2468

Pro Glu Asp Phe Leu Glu Glu Asp Glu
1 5

<210> SEQ ID NO 2469
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2469

Glu Asp Phe Leu Glu Glu Asp Glu Tyr
1 5

<210> SEQ ID NO 2470

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<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2470

Asp Phe Leu Glu Glu Asp Glu Tyr His
1 5

<210> SEQ ID NO 2471
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2471

Phe Leu Glu Glu Asp Glu Tyr His Ala
1 5

<210> SEQ ID NO 2472
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2472

Leu Glu Glu Asp Glu Tyr His Ala Thr
1 5

<210> SEQ ID NO 2473
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2473

Glu Glu Asp Glu Tyr His Ala Thr Thr
1 5

<210> SEQ ID NO 2474
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2474

Glu Asp Glu Tyr His Ala Thr Thr Glu
1 5

<210> SEQ ID NO 2475
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2475

Asp Glu Tyr His Ala Thr Thr Glu Thr
1 5

<210> SEQ ID NO 2476
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2476

Glu Tyr His Ala Thr Thr Glu Thr Val
1 5

<210> SEQ ID NO 2477
<211> LENGTH: 9
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2477
Tyr His Ala Thr Thr Glu Thr Val Ile
1 5

<210> SEQ ID NO 2478
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2478
His Ala Thr Thr Glu Thr Val Ile Ser
1 5

<210> SEQ ID NO 2479
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2479
Ala Thr Thr Glu Thr Val Ile Ser Met
1 5

<210> SEQ ID NO 2480
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2480
Thr Thr Glu Thr Val Ile Ser Met Ala
1 5

<210> SEQ ID NO 2481
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2481
Thr Glu Thr Val Ile Ser Met Ala Gln
1 5

<210> SEQ ID NO 2482
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2482
Glu Thr Val Ile Ser Met Ala Gln Glu
1 5

<210> SEQ ID NO 2483
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2483
Thr Val Ile Ser Met Ala Gln Glu Thr
1 5

<210> SEQ ID NO 2484
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2484

Val Ile Ser Met Ala Gln Glu Thr Asp
1 5

<210> SEQ ID NO 2485

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2485

Ile Ser Met Ala Gln Glu Thr Asp Pro
1 5

<210> SEQ ID NO 2486

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2486

Ser Met Ala Gln Glu Thr Asp Pro Ala
1 5

<210> SEQ ID NO 2487

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2487

Met Ala Gln Glu Thr Asp Pro Ala Val
1 5

<210> SEQ ID NO 2488

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2488

Ala Gln Glu Thr Asp Pro Ala Val Gln
1 5

<210> SEQ ID NO 2489

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2489

Gln Glu Thr Asp Pro Ala Val Gln Thr
1 5

<210> SEQ ID NO 2490

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2490

Glu Thr Asp Pro Ala Val Gln Thr Asp
1 5

<210> SEQ ID NO 2491

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2491

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Thr Asp Pro Ala Val Gln Thr Asp Gly
1 5

<210> SEQ ID NO 2492
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2492

Asp Pro Ala Val Gln Thr Asp Gly Ser
1 5

<210> SEQ ID NO 2493
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2493

Pro Ala Val Gln Thr Asp Gly Ser Pro
1 5

<210> SEQ ID NO 2494
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2494

Ala Val Gln Thr Asp Gly Ser Pro Leu
1 5

<210> SEQ ID NO 2495
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2495

Val Gln Thr Asp Gly Ser Pro Leu Cys
1 5

<210> SEQ ID NO 2496
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2496

Gln Thr Asp Gly Ser Pro Leu Cys Cys
1 5

<210> SEQ ID NO 2497
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2497

Thr Asp Gly Ser Pro Leu Cys Cys His
1 5

<210> SEQ ID NO 2498
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2498

Asp Gly Ser Pro Leu Cys Cys His Phe
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<210> SEQ ID NO 2499
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2499

Gly Ser Pro Leu Cys Cys His Phe His
1 5

<210> SEQ ID NO 2500
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2500

Ser Pro Leu Cys Cys His Phe His Phe
1 5

<210> SEQ ID NO 2501
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2501

Pro Leu Cys Cys His Phe His Phe Ser
1 5

<210> SEQ ID NO 2502
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2502

Leu Cys Cys His Phe His Phe Ser Pro
1 5

<210> SEQ ID NO 2503
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2503

Cys Cys His Phe His Phe Ser Pro Lys
1 5

<210> SEQ ID NO 2504
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2504

Cys His Phe His Phe Ser Pro Lys Val
1 5

<210> SEQ ID NO 2505
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2505

His Phe His Phe Ser Pro Lys Val Met
1 5

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<210> SEQ ID NO 2506
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2506

Phe His Phe Ser Pro Lys Val Met Phe
1 5

<210> SEQ ID NO 2507
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2507

His Phe Ser Pro Lys Val Met Phe Thr
1 5

<210> SEQ ID NO 2508
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2508

Phe Ser Pro Lys Val Met Phe Thr Lys
1 5

<210> SEQ ID NO 2509
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2509

Ser Pro Lys Val Met Phe Thr Lys Val
1 5

<210> SEQ ID NO 2510
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2510

Pro Lys Val Met Phe Thr Lys Val Leu
1 5

<210> SEQ ID NO 2511
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2511

Lys Val Met Phe Thr Lys Val Leu Lys
1 5

<210> SEQ ID NO 2512
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2512

Val Met Phe Thr Lys Val Leu Lys Ala
1 5

<210> SEQ ID NO 2513
<211> LENGTH: 9

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2513

Met Phe Thr Lys Val Leu Lys Ala Gln
1 5

<210> SEQ ID NO 2514
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2514

Phe Thr Lys Val Leu Lys Ala Gln Leu
1 5

<210> SEQ ID NO 2515
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2515

Thr Lys Val Leu Lys Ala Gln Leu Trp
1 5

<210> SEQ ID NO 2516
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2516

Lys Val Leu Lys Ala Gln Leu Trp Val
1 5

<210> SEQ ID NO 2517
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2517

Val Leu Lys Ala Gln Leu Trp Val Tyr
1 5

<210> SEQ ID NO 2518
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2518

Leu Lys Ala Gln Leu Trp Val Tyr Leu
1 5

<210> SEQ ID NO 2519
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2519

Lys Ala Gln Leu Trp Val Tyr Leu Arg
1 5

<210> SEQ ID NO 2520
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2520

Ala Gln Leu Trp Val Tyr Leu Arg Pro
1 5

<210> SEQ ID NO 2521

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2521

Gln Leu Trp Val Tyr Leu Arg Pro Val
1 5

<210> SEQ ID NO 2522

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2522

Leu Trp Val Tyr Leu Arg Pro Val Pro
1 5

<210> SEQ ID NO 2523

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2523

Trp Val Tyr Leu Arg Pro Val Pro Arg
1 5

<210> SEQ ID NO 2524

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2524

Val Tyr Leu Arg Pro Val Pro Arg Pro
1 5

<210> SEQ ID NO 2525

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2525

Tyr Leu Arg Pro Val Pro Arg Pro Ala
1 5

<210> SEQ ID NO 2526

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2526

Leu Arg Pro Val Pro Arg Pro Ala Thr
1 5

<210> SEQ ID NO 2527

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2527

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Arg Pro Val Pro Arg Pro Ala Thr Val
1 5

<210> SEQ ID NO 2528
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2528

Pro Val Pro Arg Pro Ala Thr Val Tyr
1 5

<210> SEQ ID NO 2529
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2529

Val Pro Arg Pro Ala Thr Val Tyr Leu
1 5

<210> SEQ ID NO 2530
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2530

Pro Arg Pro Ala Thr Val Tyr Leu Gln
1 5

<210> SEQ ID NO 2531
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2531

Arg Pro Ala Thr Val Tyr Leu Gln Ile
1 5

<210> SEQ ID NO 2532
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2532

Pro Ala Thr Val Tyr Leu Gln Ile Leu
1 5

<210> SEQ ID NO 2533
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2533

Ala Thr Val Tyr Leu Gln Ile Leu Arg
1 5

<210> SEQ ID NO 2534
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2534

Thr Val Tyr Leu Gln Ile Leu Arg Leu

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1 5

<210> SEQ ID NO 2535
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2535

Val Tyr Leu Gln Ile Leu Arg Leu Lys
1 5

<210> SEQ ID NO 2536
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2536

Tyr Leu Gln Ile Leu Arg Leu Lys Pro
1 5

<210> SEQ ID NO 2537
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2537

Leu Gln Ile Leu Arg Leu Lys Pro Leu
1 5

<210> SEQ ID NO 2538
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2538

Gln Ile Leu Arg Leu Lys Pro Leu Thr
1 5

<210> SEQ ID NO 2539
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2539

Ile Leu Arg Leu Lys Pro Leu Thr Gly
1 5

<210> SEQ ID NO 2540
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2540

Leu Arg Leu Lys Pro Leu Thr Gly Glu
1 5

<210> SEQ ID NO 2541
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2541

Arg Leu Lys Pro Leu Thr Gly Glu Gly
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<210> SEQ ID NO 2542
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2542

Leu Lys Pro Leu Thr Gly Glu Gly Thr
1 5

<210> SEQ ID NO 2543
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2543

Lys Pro Leu Thr Gly Glu Gly Thr Ala
1 5

<210> SEQ ID NO 2544
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2544

Pro Leu Thr Gly Glu Gly Thr Ala Gly
1 5

<210> SEQ ID NO 2545
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2545

Leu Thr Gly Glu Gly Thr Ala Gly Gly
1 5

<210> SEQ ID NO 2546
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2546

Thr Gly Glu Gly Thr Ala Gly Gly Gly
1 5

<210> SEQ ID NO 2547
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2547

Gly Glu Gly Thr Ala Gly Gly Gly Gly
1 5

<210> SEQ ID NO 2548
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2548

Glu Gly Thr Ala Gly Gly Gly Gly Gly
1 5

<210> SEQ ID NO 2549

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<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2549

Gly Thr Ala Gly Gly Gly Gly Gly Gly
1 5

<210> SEQ ID NO 2550
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2550

Thr Ala Gly Gly Gly Gly Gly Gly Arg
1 5

<210> SEQ ID NO 2551
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2551

Ala Gly Gly Gly Gly Gly Gly Arg Arg
1 5

<210> SEQ ID NO 2552
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2552

Gly Gly Gly Gly Gly Gly Arg Arg His
1 5

<210> SEQ ID NO 2553
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2553

Gly Gly Gly Gly Gly Arg Arg His Ile
1 5

<210> SEQ ID NO 2554
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2554

Gly Gly Gly Gly Arg Arg His Ile Arg
1 5

<210> SEQ ID NO 2555
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2555

Gly Gly Gly Arg Arg His Ile Arg Ile
1 5

<210> SEQ ID NO 2556
<211> LENGTH: 9
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2556
Gly Gly Arg Arg His Ile Arg Ile Arg
1 5

<210> SEQ ID NO 2557
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2557
Gly Arg Arg His Ile Arg Ile Arg Ser
1 5

<210> SEQ ID NO 2558
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2558
Arg Arg His Ile Arg Ile Arg Ser Leu
1 5

<210> SEQ ID NO 2559
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2559
Arg His Ile Arg Ile Arg Ser Leu Lys
1 5

<210> SEQ ID NO 2560
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2560
His Ile Arg Ile Arg Ser Leu Lys Ile
1 5

<210> SEQ ID NO 2561
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2561
Ile Arg Ile Arg Ser Leu Lys Ile Glu
1 5

<210> SEQ ID NO 2562
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2562
Arg Ile Arg Ser Leu Lys Ile Glu Leu
1 5

<210> SEQ ID NO 2563
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2563

Ile Arg Ser Leu Lys Ile Glu Leu His
1 5

<210> SEQ ID NO 2564

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2564

Arg Ser Leu Lys Ile Glu Leu His Ser
1 5

<210> SEQ ID NO 2565

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2565

Ser Leu Lys Ile Glu Leu His Ser Arg
1 5

<210> SEQ ID NO 2566

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2566

Leu Lys Ile Glu Leu His Ser Arg Ser
1 5

<210> SEQ ID NO 2567

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2567

Lys Ile Glu Leu His Ser Arg Ser Gly
1 5

<210> SEQ ID NO 2568

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2568

Ile Glu Leu His Ser Arg Ser Gly His
1 5

<210> SEQ ID NO 2569

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2569

Glu Leu His Ser Arg Ser Gly His Trp
1 5

<210> SEQ ID NO 2570

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2570

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Leu His Ser Arg Ser Gly His Trp Gln
1 5

<210> SEQ ID NO 2571
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2571

His Ser Arg Ser Gly His Trp Gln Ser
1 5

<210> SEQ ID NO 2572
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2572

Ser Arg Ser Gly His Trp Gln Ser Ile
1 5

<210> SEQ ID NO 2573
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2573

Arg Ser Gly His Trp Gln Ser Ile Asp
1 5

<210> SEQ ID NO 2574
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2574

Ser Gly His Trp Gln Ser Ile Asp Phe
1 5

<210> SEQ ID NO 2575
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2575

Gly His Trp Gln Ser Ile Asp Phe Lys
1 5

<210> SEQ ID NO 2576
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2576

His Trp Gln Ser Ile Asp Phe Lys Gln
1 5

<210> SEQ ID NO 2577
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2577

Trp Gln Ser Ile Asp Phe Lys Gln Val
1 5

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<210> SEQ ID NO 2578
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2578

Gln Ser Ile Asp Phe Lys Gln Val Leu
1 5

<210> SEQ ID NO 2579
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2579

Ser Ile Asp Phe Lys Gln Val Leu His
1 5

<210> SEQ ID NO 2580
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2580

Ile Asp Phe Lys Gln Val Leu His Ser
1 5

<210> SEQ ID NO 2581
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2581

Asp Phe Lys Gln Val Leu His Ser Trp
1 5

<210> SEQ ID NO 2582
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2582

Phe Lys Gln Val Leu His Ser Trp Phe
1 5

<210> SEQ ID NO 2583
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2583

Lys Gln Val Leu His Ser Trp Phe Arg
1 5

<210> SEQ ID NO 2584
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2584

Gln Val Leu His Ser Trp Phe Arg Gln
1 5

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<210> SEQ ID NO 2585
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2585

Val Leu His Ser Trp Phe Arg Gln Pro
1 5

<210> SEQ ID NO 2586
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2586

Leu His Ser Trp Phe Arg Gln Pro Gln
1 5

<210> SEQ ID NO 2587
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2587

His Ser Trp Phe Arg Gln Pro Gln Ser
1 5

<210> SEQ ID NO 2588
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2588

Ser Trp Phe Arg Gln Pro Gln Ser Asn
1 5

<210> SEQ ID NO 2589
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2589

Trp Phe Arg Gln Pro Gln Ser Asn Trp
1 5

<210> SEQ ID NO 2590
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2590

Phe Arg Gln Pro Gln Ser Asn Trp Gly
1 5

<210> SEQ ID NO 2591
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2591

Arg Gln Pro Gln Ser Asn Trp Gly Ile
1 5

<210> SEQ ID NO 2592
<211> LENGTH: 9

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2592

Gln Pro Gln Ser Asn Trp Gly Ile Glu
1 5

<210> SEQ ID NO 2593
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2593

Pro Gln Ser Asn Trp Gly Ile Glu Ile
1 5

<210> SEQ ID NO 2594
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2594

Gln Ser Asn Trp Gly Ile Glu Ile Asn
1 5

<210> SEQ ID NO 2595
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2595

Ser Asn Trp Gly Ile Glu Ile Asn Ala
1 5

<210> SEQ ID NO 2596
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2596

Asn Trp Gly Ile Glu Ile Asn Ala Phe
1 5

<210> SEQ ID NO 2597
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2597

Trp Gly Ile Glu Ile Asn Ala Phe Asp
1 5

<210> SEQ ID NO 2598
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2598

Gly Ile Glu Ile Asn Ala Phe Asp Pro
1 5

<210> SEQ ID NO 2599
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2599

Ile Glu Ile Asn Ala Phe Asp Pro Ser
1 5

<210> SEQ ID NO 2600

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2600

Glu Ile Asn Ala Phe Asp Pro Ser Gly
1 5

<210> SEQ ID NO 2601

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2601

Ile Asn Ala Phe Asp Pro Ser Gly Thr
1 5

<210> SEQ ID NO 2602

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2602

Asn Ala Phe Asp Pro Ser Gly Thr Asp
1 5

<210> SEQ ID NO 2603

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2603

Ala Phe Asp Pro Ser Gly Thr Asp Leu
1 5

<210> SEQ ID NO 2604

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2604

Phe Asp Pro Ser Gly Thr Asp Leu Ala
1 5

<210> SEQ ID NO 2605

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2605

Asp Pro Ser Gly Thr Asp Leu Ala Val
1 5

<210> SEQ ID NO 2606

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2606

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Pro Ser Gly Thr Asp Leu Ala Val Thr
1 5

<210> SEQ ID NO 2607
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2607

Ser Gly Thr Asp Leu Ala Val Thr Ser
1 5

<210> SEQ ID NO 2608
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2608

Gly Thr Asp Leu Ala Val Thr Ser Leu
1 5

<210> SEQ ID NO 2609
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2609

Thr Asp Leu Ala Val Thr Ser Leu Gly
1 5

<210> SEQ ID NO 2610
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2610

Asp Leu Ala Val Thr Ser Leu Gly Pro
1 5

<210> SEQ ID NO 2611
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2611

Leu Ala Val Thr Ser Leu Gly Pro Gly
1 5

<210> SEQ ID NO 2612
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2612

Ala Val Thr Ser Leu Gly Pro Gly Ala
1 5

<210> SEQ ID NO 2613
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2613

Val Thr Ser Leu Gly Pro Gly Ala Glu

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<210> SEQ ID NO 2614
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2614

Thr Ser Leu Gly Pro Gly Ala Glu Gly
1 5

<210> SEQ ID NO 2615
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2615

Ser Leu Gly Pro Gly Ala Glu Gly Leu
1 5

<210> SEQ ID NO 2616
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2616

Leu Gly Pro Gly Ala Glu Gly Leu His
1 5

<210> SEQ ID NO 2617
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2617

Gly Pro Gly Ala Glu Gly Leu His Pro
1 5

<210> SEQ ID NO 2618
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2618

Pro Gly Ala Glu Gly Leu His Pro Phe
1 5

<210> SEQ ID NO 2619
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2619

Gly Ala Glu Gly Leu His Pro Phe Met
1 5

<210> SEQ ID NO 2620
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2620

Ala Glu Gly Leu His Pro Phe Met Glu
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<210> SEQ ID NO 2621
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2621

Glu Gly Leu His Pro Phe Met Glu Leu
1 5

<210> SEQ ID NO 2622
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2622

Gly Leu His Pro Phe Met Glu Leu Arg
1 5

<210> SEQ ID NO 2623
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2623

Leu His Pro Phe Met Glu Leu Arg Val
1 5

<210> SEQ ID NO 2624
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2624

His Pro Phe Met Glu Leu Arg Val Leu
1 5

<210> SEQ ID NO 2625
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2625

Pro Phe Met Glu Leu Arg Val Leu Glu
1 5

<210> SEQ ID NO 2626
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2626

Phe Met Glu Leu Arg Val Leu Glu Asn
1 5

<210> SEQ ID NO 2627
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2627

Met Glu Leu Arg Val Leu Glu Asn Thr
1 5

<210> SEQ ID NO 2628

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<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2628

Glu Leu Arg Val Leu Glu Asn Thr Lys
1 5

<210> SEQ ID NO 2629
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2629

Leu Arg Val Leu Glu Asn Thr Lys Arg
1 5

<210> SEQ ID NO 2630
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2630

Arg Val Leu Glu Asn Thr Lys Arg Ser
1 5

<210> SEQ ID NO 2631
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2631

Val Leu Glu Asn Thr Lys Arg Ser Arg
1 5

<210> SEQ ID NO 2632
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2632

Leu Glu Asn Thr Lys Arg Ser Arg Arg
1 5

<210> SEQ ID NO 2633
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2633

Glu Asn Thr Lys Arg Ser Arg Arg Asn
1 5

<210> SEQ ID NO 2634
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2634

Asn Thr Lys Arg Ser Arg Arg Asn Leu
1 5

<210> SEQ ID NO 2635
<211> LENGTH: 9
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2635
Thr Lys Arg Ser Arg Arg Asn Leu Gly
1 5

<210> SEQ ID NO 2636
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2636
Lys Arg Ser Arg Arg Asn Leu Gly Leu
1 5

<210> SEQ ID NO 2637
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2637
Arg Ser Arg Arg Asn Leu Gly Leu Asp
1 5

<210> SEQ ID NO 2638
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2638
Ser Arg Arg Asn Leu Gly Leu Asp Cys
1 5

<210> SEQ ID NO 2639
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2639
Arg Arg Asn Leu Gly Leu Asp Cys Asp
1 5

<210> SEQ ID NO 2640
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2640
Arg Asn Leu Gly Leu Asp Cys Asp Glu
1 5

<210> SEQ ID NO 2641
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2641
Asn Leu Gly Leu Asp Cys Asp Glu His
1 5

<210> SEQ ID NO 2642
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2642

Leu Gly Leu Asp Cys Asp Glu His Ser
1 5

<210> SEQ ID NO 2643

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2643

Gly Leu Asp Cys Asp Glu His Ser Ser
1 5

<210> SEQ ID NO 2644

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2644

Leu Asp Cys Asp Glu His Ser Ser Glu
1 5

<210> SEQ ID NO 2645

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2645

Asp Cys Asp Glu His Ser Ser Glu Ser
1 5

<210> SEQ ID NO 2646

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2646

Cys Asp Glu His Ser Ser Glu Ser Arg
1 5

<210> SEQ ID NO 2647

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2647

Asp Glu His Ser Ser Glu Ser Arg Cys
1 5

<210> SEQ ID NO 2648

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2648

Glu His Ser Ser Glu Ser Arg Cys Cys
1 5

<210> SEQ ID NO 2649

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2649

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His Ser Ser Glu Ser Arg Cys Cys Arg
1 5

<210> SEQ ID NO 2650
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2650

Ser Ser Glu Ser Arg Cys Cys Arg Tyr
1 5

<210> SEQ ID NO 2651
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2651

Ser Glu Ser Arg Cys Cys Arg Tyr Pro
1 5

<210> SEQ ID NO 2652
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2652

Glu Ser Arg Cys Cys Arg Tyr Pro Leu
1 5

<210> SEQ ID NO 2653
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2653

Ser Arg Cys Cys Arg Tyr Pro Leu Thr
1 5

<210> SEQ ID NO 2654
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2654

Arg Cys Cys Arg Tyr Pro Leu Thr Val
1 5

<210> SEQ ID NO 2655
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2655

Cys Cys Arg Tyr Pro Leu Thr Val Asp
1 5

<210> SEQ ID NO 2656
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2656

Cys Arg Tyr Pro Leu Thr Val Asp Phe
1 5

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<210> SEQ ID NO 2657
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2657

Arg Tyr Pro Leu Thr Val Asp Phe Glu
1 5

<210> SEQ ID NO 2658
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2658

Tyr Pro Leu Thr Val Asp Phe Glu Ala
1 5

<210> SEQ ID NO 2659
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2659

Pro Leu Thr Val Asp Phe Glu Ala Phe
1 5

<210> SEQ ID NO 2660
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2660

Leu Thr Val Asp Phe Glu Ala Phe Gly
1 5

<210> SEQ ID NO 2661
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2661

Thr Val Asp Phe Glu Ala Phe Gly Trp
1 5

<210> SEQ ID NO 2662
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2662

Val Asp Phe Glu Ala Phe Gly Trp Asp
1 5

<210> SEQ ID NO 2663
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2663

Asp Phe Glu Ala Phe Gly Trp Asp Trp
1 5

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<210> SEQ ID NO 2664
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2664

Phe Glu Ala Phe Gly Trp Asp Trp Ile
1 5

<210> SEQ ID NO 2665
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2665

Glu Ala Phe Gly Trp Asp Trp Ile Ile
1 5

<210> SEQ ID NO 2666
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2666

Ala Phe Gly Trp Asp Trp Ile Ile Ala
1 5

<210> SEQ ID NO 2667
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2667

Phe Gly Trp Asp Trp Ile Ile Ala Pro
1 5

<210> SEQ ID NO 2668
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2668

Gly Trp Asp Trp Ile Ile Ala Pro Lys
1 5

<210> SEQ ID NO 2669
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2669

Trp Asp Trp Ile Ile Ala Pro Lys Arg
1 5

<210> SEQ ID NO 2670
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2670

Asp Trp Ile Ile Ala Pro Lys Arg Tyr
1 5

<210> SEQ ID NO 2671
<211> LENGTH: 9

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2671

Trp Ile Ile Ala Pro Lys Arg Tyr Lys
1 5

<210> SEQ ID NO 2672
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2672

Ile Ile Ala Pro Lys Arg Tyr Lys Ala
1 5

<210> SEQ ID NO 2673
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2673

Ile Ala Pro Lys Arg Tyr Lys Ala Asn
1 5

<210> SEQ ID NO 2674
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2674

Ala Pro Lys Arg Tyr Lys Ala Asn Tyr
1 5

<210> SEQ ID NO 2675
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2675

Pro Lys Arg Tyr Lys Ala Asn Tyr Cys
1 5

<210> SEQ ID NO 2676
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2676

Lys Arg Tyr Lys Ala Asn Tyr Cys Ser
1 5

<210> SEQ ID NO 2677
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2677

Arg Tyr Lys Ala Asn Tyr Cys Ser Gly
1 5

<210> SEQ ID NO 2678
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2678

Tyr Lys Ala Asn Tyr Cys Ser Gly Gln
1 5

<210> SEQ ID NO 2679

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2679

Lys Ala Asn Tyr Cys Ser Gly Gln Cys
1 5

<210> SEQ ID NO 2680

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2680

Ala Asn Tyr Cys Ser Gly Gln Cys Glu
1 5

<210> SEQ ID NO 2681

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2681

Asn Tyr Cys Ser Gly Gln Cys Glu Tyr
1 5

<210> SEQ ID NO 2682

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2682

Tyr Cys Ser Gly Gln Cys Glu Tyr Met
1 5

<210> SEQ ID NO 2683

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2683

Cys Ser Gly Gln Cys Glu Tyr Met Phe
1 5

<210> SEQ ID NO 2684

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2684

Ser Gly Gln Cys Glu Tyr Met Phe Met
1 5

<210> SEQ ID NO 2685

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2685

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Gly Gln Cys Glu Tyr Met Phe Met Gln
1 5

<210> SEQ ID NO 2686
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2686

Gln Cys Glu Tyr Met Phe Met Gln Lys
1 5

<210> SEQ ID NO 2687
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2687

Cys Glu Tyr Met Phe Met Gln Lys Tyr
1 5

<210> SEQ ID NO 2688
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2688

Glu Tyr Met Phe Met Gln Lys Tyr Pro
1 5

<210> SEQ ID NO 2689
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2689

Tyr Met Phe Met Gln Lys Tyr Pro His
1 5

<210> SEQ ID NO 2690
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2690

Met Phe Met Gln Lys Tyr Pro His Thr
1 5

<210> SEQ ID NO 2691
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2691

Phe Met Gln Lys Tyr Pro His Thr His
1 5

<210> SEQ ID NO 2692
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2692

Met Gln Lys Tyr Pro His Thr His Leu

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1 5

<210> SEQ ID NO 2693
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2693

Gln Lys Tyr Pro His Thr His Leu Val
1 5

<210> SEQ ID NO 2694
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2694

Lys Tyr Pro His Thr His Leu Val Gln
1 5

<210> SEQ ID NO 2695
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2695

Tyr Pro His Thr His Leu Val Gln Gln
1 5

<210> SEQ ID NO 2696
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2696

Pro His Thr His Leu Val Gln Gln Ala
1 5

<210> SEQ ID NO 2697
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2697

His Thr His Leu Val Gln Gln Ala Asn
1 5

<210> SEQ ID NO 2698
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2698

Thr His Leu Val Gln Gln Ala Asn Pro
1 5

<210> SEQ ID NO 2699
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2699

His Leu Val Gln Gln Ala Asn Pro Arg
1 5

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<210> SEQ ID NO 2700
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2700

Leu Val Gln Gln Ala Asn Pro Arg Gly
1 5

<210> SEQ ID NO 2701
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2701

Val Gln Gln Ala Asn Pro Arg Gly Ser
1 5

<210> SEQ ID NO 2702
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2702

Gln Gln Ala Asn Pro Arg Gly Ser Ala
1 5

<210> SEQ ID NO 2703
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2703

Gln Ala Asn Pro Arg Gly Ser Ala Gly
1 5

<210> SEQ ID NO 2704
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2704

Ala Asn Pro Arg Gly Ser Ala Gly Pro
1 5

<210> SEQ ID NO 2705
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2705

Asn Pro Arg Gly Ser Ala Gly Pro Cys
1 5

<210> SEQ ID NO 2706
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2706

Pro Arg Gly Ser Ala Gly Pro Cys Cys
1 5

<210> SEQ ID NO 2707

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<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2707

Arg Gly Ser Ala Gly Pro Cys Cys Thr
1 5

<210> SEQ ID NO 2708
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2708

Gly Ser Ala Gly Pro Cys Cys Thr Pro
1 5

<210> SEQ ID NO 2709
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2709

Ser Ala Gly Pro Cys Cys Thr Pro Thr
1 5

<210> SEQ ID NO 2710
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2710

Ala Gly Pro Cys Cys Thr Pro Thr Lys
1 5

<210> SEQ ID NO 2711
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2711

Gly Pro Cys Cys Thr Pro Thr Lys Met
1 5

<210> SEQ ID NO 2712
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2712

Pro Cys Cys Thr Pro Thr Lys Met Ser
1 5

<210> SEQ ID NO 2713
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2713

Cys Cys Thr Pro Thr Lys Met Ser Pro
1 5

<210> SEQ ID NO 2714
<211> LENGTH: 9
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2714

Cys Thr Pro Thr Lys Met Ser Pro Ile
1 5

<210> SEQ ID NO 2715
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2715

Thr Pro Thr Lys Met Ser Pro Ile Asn
1 5

<210> SEQ ID NO 2716
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2716

Pro Thr Lys Met Ser Pro Ile Asn Met
1 5

<210> SEQ ID NO 2717
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2717

Thr Lys Met Ser Pro Ile Asn Met Leu
1 5

<210> SEQ ID NO 2718
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2718

Lys Met Ser Pro Ile Asn Met Leu Tyr
1 5

<210> SEQ ID NO 2719
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2719

Met Ser Pro Ile Asn Met Leu Tyr Phe
1 5

<210> SEQ ID NO 2720
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2720

Ser Pro Ile Asn Met Leu Tyr Phe Asn
1 5

<210> SEQ ID NO 2721
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2721

Pro Ile Asn Met Leu Tyr Phe Asn Asp
1 5

<210> SEQ ID NO 2722

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2722

Ile Asn Met Leu Tyr Phe Asn Asp Lys
1 5

<210> SEQ ID NO 2723

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2723

Asn Met Leu Tyr Phe Asn Asp Lys Gln
1 5

<210> SEQ ID NO 2724

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2724

Met Leu Tyr Phe Asn Asp Lys Gln Gln
1 5

<210> SEQ ID NO 2725

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2725

Leu Tyr Phe Asn Asp Lys Gln Gln Ile
1 5

<210> SEQ ID NO 2726

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2726

Tyr Phe Asn Asp Lys Gln Gln Ile Ile
1 5

<210> SEQ ID NO 2727

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2727

Phe Asn Asp Lys Gln Gln Ile Ile Tyr
1 5

<210> SEQ ID NO 2728

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2728

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Asn Asp Lys Gln Gln Ile Ile Tyr Gly
1 5

<210> SEQ ID NO 2729
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2729

Asp Lys Gln Gln Ile Ile Tyr Gly Lys
1 5

<210> SEQ ID NO 2730
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2730

Lys Gln Gln Ile Ile Tyr Gly Lys Ile
1 5

<210> SEQ ID NO 2731
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2731

Gln Gln Ile Ile Tyr Gly Lys Ile Pro
1 5

<210> SEQ ID NO 2732
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2732

Gln Ile Ile Tyr Gly Lys Ile Pro Gly
1 5

<210> SEQ ID NO 2733
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2733

Ile Ile Tyr Gly Lys Ile Pro Gly Met
1 5

<210> SEQ ID NO 2734
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2734

Ile Tyr Gly Lys Ile Pro Gly Met Val
1 5

<210> SEQ ID NO 2735
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2735

Tyr Gly Lys Ile Pro Gly Met Val Val
1 5

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<210> SEQ ID NO 2736
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2736

Gly Lys Ile Pro Gly Met Val Val Asp
1 5

<210> SEQ ID NO 2737
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2737

Lys Ile Pro Gly Met Val Val Asp Arg
1 5

<210> SEQ ID NO 2738
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2738

Ile Pro Gly Met Val Val Asp Arg Cys
1 5

<210> SEQ ID NO 2739
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2739

Pro Gly Met Val Val Asp Arg Cys Gly
1 5

<210> SEQ ID NO 2740
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2740

Gly Met Val Val Asp Arg Cys Gly Cys
1 5

<210> SEQ ID NO 2741
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2741

Met Val Val Asp Arg Cys Gly Cys Ser
1 5

<210> SEQ ID NO 2742
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2742

Met Val Leu Ala Ala Pro Leu Leu Leu Gly
1 5 10

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<210> SEQ ID NO 2743
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2743

Val Leu Ala Ala Pro Leu Leu Leu Gly Phe
1 5 10

<210> SEQ ID NO 2744
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2744

Leu Ala Ala Pro Leu Leu Leu Gly Phe Leu
1 5 10

<210> SEQ ID NO 2745
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2745

Ala Ala Pro Leu Leu Leu Gly Phe Leu Leu
1 5 10

<210> SEQ ID NO 2746
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2746

Ala Pro Leu Leu Leu Gly Phe Leu Leu Leu
1 5 10

<210> SEQ ID NO 2747
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2747

Pro Leu Leu Leu Gly Phe Leu Leu Leu Ala
1 5 10

<210> SEQ ID NO 2748
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2748

Leu Leu Leu Gly Phe Leu Leu Leu Ala Leu
1 5 10

<210> SEQ ID NO 2749
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2749

Leu Leu Gly Phe Leu Leu Leu Ala Leu Glu
1 5 10

<210> SEQ ID NO 2750
<211> LENGTH: 10

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2750

Leu Gly Phe Leu Leu Leu Ala Leu Glu Leu
1 5 10

<210> SEQ ID NO 2751
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2751

Gly Phe Leu Leu Leu Ala Leu Glu Leu Arg
1 5 10

<210> SEQ ID NO 2752
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2752

Phe Leu Leu Leu Ala Leu Glu Leu Arg Pro
1 5 10

<210> SEQ ID NO 2753
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2753

Leu Leu Leu Ala Leu Glu Leu Arg Pro Arg
1 5 10

<210> SEQ ID NO 2754
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2754

Leu Leu Ala Leu Glu Leu Arg Pro Arg Gly
1 5 10

<210> SEQ ID NO 2755
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2755

Leu Ala Leu Glu Leu Arg Pro Arg Gly Glu
1 5 10

<210> SEQ ID NO 2756
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2756

Ala Leu Glu Leu Arg Pro Arg Gly Glu Ala
1 5 10

<210> SEQ ID NO 2757
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2757

Leu Glu Leu Arg Pro Arg Gly Glu Ala Ala
1 5 10

<210> SEQ ID NO 2758

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2758

Glu Leu Arg Pro Arg Gly Glu Ala Ala Glu
1 5 10

<210> SEQ ID NO 2759

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2759

Leu Arg Pro Arg Gly Glu Ala Ala Glu Gly
1 5 10

<210> SEQ ID NO 2760

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2760

Arg Pro Arg Gly Glu Ala Ala Glu Gly Pro
1 5 10

<210> SEQ ID NO 2761

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2761

Pro Arg Gly Glu Ala Ala Glu Gly Pro Ala
1 5 10

<210> SEQ ID NO 2762

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2762

Arg Gly Glu Ala Ala Glu Gly Pro Ala Ala
1 5 10

<210> SEQ ID NO 2763

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2763

Gly Glu Ala Ala Glu Gly Pro Ala Ala Ala
1 5 10

<210> SEQ ID NO 2764

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2764

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Glu Ala Ala Glu Gly Pro Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 2765
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2765

Ala Ala Glu Gly Pro Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 2766
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2766

Ala Glu Gly Pro Ala Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 2767
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2767

Glu Gly Pro Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 2768
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2768

Gly Pro Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 2769
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2769

Pro Ala Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 2770
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2770

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 2771
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2771

Ala Ala Ala Ala Ala Ala Ala Ala Ala Gly

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1	5	10
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<210> SEQ ID NO 2772
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2772

Ala Ala Ala Ala Ala Ala Ala Ala Gly Val
1 5 10

<210> SEQ ID NO 2773
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2773

Ala Ala Ala Ala Ala Ala Ala Gly Val Gly
1 5 10

<210> SEQ ID NO 2774
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2774

Ala Ala Ala Ala Ala Ala Gly Val Gly Gly
1 5 10

<210> SEQ ID NO 2775
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2775

Ala Ala Ala Ala Ala Gly Val Gly Gly Glu
1 5 10

<210> SEQ ID NO 2776
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2776

Ala Ala Ala Ala Gly Val Gly Gly Glu Arg
1 5 10

<210> SEQ ID NO 2777
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2777

Ala Ala Ala Gly Val Gly Gly Glu Arg Ser
1 5 10

<210> SEQ ID NO 2778
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2778

Ala Ala Gly Val Gly Gly Glu Arg Ser Ser
1 5 10

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<210> SEQ ID NO 2779
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2779

Ala Gly Val Gly Gly Glu Arg Ser Ser Arg
1 5 10

<210> SEQ ID NO 2780
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2780

Gly Val Gly Gly Glu Arg Ser Ser Arg Pro
1 5 10

<210> SEQ ID NO 2781
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2781

Val Gly Gly Glu Arg Ser Ser Arg Pro Ala
1 5 10

<210> SEQ ID NO 2782
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2782

Gly Gly Glu Arg Ser Ser Arg Pro Ala Pro
1 5 10

<210> SEQ ID NO 2783
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2783

Gly Glu Arg Ser Ser Arg Pro Ala Pro Ser
1 5 10

<210> SEQ ID NO 2784
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2784

Glu Arg Ser Ser Arg Pro Ala Pro Ser Val
1 5 10

<210> SEQ ID NO 2785
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2785

Arg Ser Ser Arg Pro Ala Pro Ser Val Ala
1 5 10

<210> SEQ ID NO 2786

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<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2786

Ser Ser Arg Pro Ala Pro Ser Val Ala Pro
1 5 10

<210> SEQ ID NO 2787
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2787

Ser Arg Pro Ala Pro Ser Val Ala Pro Glu
1 5 10

<210> SEQ ID NO 2788
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2788

Arg Pro Ala Pro Ser Val Ala Pro Glu Pro
1 5 10

<210> SEQ ID NO 2789
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2789

Pro Ala Pro Ser Val Ala Pro Glu Pro Asp
1 5 10

<210> SEQ ID NO 2790
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2790

Ala Pro Ser Val Ala Pro Glu Pro Asp Gly
1 5 10

<210> SEQ ID NO 2791
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2791

Pro Ser Val Ala Pro Glu Pro Asp Gly Cys
1 5 10

<210> SEQ ID NO 2792
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2792

Ser Val Ala Pro Glu Pro Asp Gly Cys Pro
1 5 10

<210> SEQ ID NO 2793
<211> LENGTH: 10
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2793
Val Ala Pro Glu Pro Asp Gly Cys Pro Val
1 5 10

<210> SEQ ID NO 2794
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2794

Ala Pro Glu Pro Asp Gly Cys Pro Val Cys
1 5 10

<210> SEQ ID NO 2795
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2795

Pro Glu Pro Asp Gly Cys Pro Val Cys Val
1 5 10

<210> SEQ ID NO 2796
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2796

Glu Pro Asp Gly Cys Pro Val Cys Val Trp
1 5 10

<210> SEQ ID NO 2797
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2797

Pro Asp Gly Cys Pro Val Cys Val Trp Arg
1 5 10

<210> SEQ ID NO 2798
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2798

Asp Gly Cys Pro Val Cys Val Trp Arg Gln
1 5 10

<210> SEQ ID NO 2799
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2799

Gly Cys Pro Val Cys Val Trp Arg Gln His
1 5 10

<210> SEQ ID NO 2800
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2800

Cys	Pro	Val	Cys	Val	Trp	Arg	Gln	His	Ser
1			5						10

<210> SEQ ID NO 2801

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2801

Pro	Val	Cys	Val	Trp	Arg	Gln	His	Ser	Arg
1			5						10

<210> SEQ ID NO 2802

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2802

Val	Cys	Val	Trp	Arg	Gln	His	Ser	Arg	Glu
1			5						10

<210> SEQ ID NO 2803

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2803

Cys	Val	Trp	Arg	Gln	His	Ser	Arg	Glu	Leu
1			5						10

<210> SEQ ID NO 2804

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2804

Val	Trp	Arg	Gln	His	Ser	Arg	Glu	Leu	Arg
1			5						10

<210> SEQ ID NO 2805

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2805

Trp	Arg	Gln	His	Ser	Arg	Glu	Leu	Arg	Leu
1			5						10

<210> SEQ ID NO 2806

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2806

Arg	Gln	His	Ser	Arg	Glu	Leu	Arg	Leu	Glu
1			5						10

<210> SEQ ID NO 2807

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2807

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Gln His Ser Arg Glu Leu Arg Leu Glu Ser
1 5 10

<210> SEQ ID NO 2808
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2808

His Ser Arg Glu Leu Arg Leu Glu Ser Ile
1 5 10

<210> SEQ ID NO 2809
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2809

Ser Arg Glu Leu Arg Leu Glu Ser Ile Lys
1 5 10

<210> SEQ ID NO 2810
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2810

Arg Glu Leu Arg Leu Glu Ser Ile Lys Ser
1 5 10

<210> SEQ ID NO 2811
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2811

Glu Leu Arg Leu Glu Ser Ile Lys Ser Gln
1 5 10

<210> SEQ ID NO 2812
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2812

Leu Arg Leu Glu Ser Ile Lys Ser Gln Ile
1 5 10

<210> SEQ ID NO 2813
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2813

Arg Leu Glu Ser Ile Lys Ser Gln Ile Leu
1 5 10

<210> SEQ ID NO 2814
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2814

Leu Glu Ser Ile Lys Ser Gln Ile Leu Ser
1 5 10

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<210> SEQ ID NO 2815
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2815

Glu Ser Ile Lys Ser Gln Ile Leu Ser Lys
1 5 10

<210> SEQ ID NO 2816
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2816

Ser Ile Lys Ser Gln Ile Leu Ser Lys Leu
1 5 10

<210> SEQ ID NO 2817
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2817

Ile Lys Ser Gln Ile Leu Ser Lys Leu Arg
1 5 10

<210> SEQ ID NO 2818
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2818

Lys Ser Gln Ile Leu Ser Lys Leu Arg Leu
1 5 10

<210> SEQ ID NO 2819
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2819

Ser Gln Ile Leu Ser Lys Leu Arg Leu Lys
1 5 10

<210> SEQ ID NO 2820
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2820

Gln Ile Leu Ser Lys Leu Arg Leu Lys Glu
1 5 10

<210> SEQ ID NO 2821
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2821

Ile Leu Ser Lys Leu Arg Leu Lys Glu Ala
1 5 10

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<210> SEQ ID NO 2822

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2822

Leu Ser Lys Leu Arg Leu Lys Glu Ala Pro
1 5 10

<210> SEQ ID NO 2823

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2823

Ser Lys Leu Arg Leu Lys Glu Ala Pro Asn
1 5 10

<210> SEQ ID NO 2824

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2824

Lys Leu Arg Leu Lys Glu Ala Pro Asn Ile
1 5 10

<210> SEQ ID NO 2825

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2825

Leu Arg Leu Lys Glu Ala Pro Asn Ile Ser
1 5 10

<210> SEQ ID NO 2826

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2826

Arg Leu Lys Glu Ala Pro Asn Ile Ser Arg
1 5 10

<210> SEQ ID NO 2827

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2827

Leu Lys Glu Ala Pro Asn Ile Ser Arg Glu
1 5 10

<210> SEQ ID NO 2828

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2828

Lys Glu Ala Pro Asn Ile Ser Arg Glu Val
1 5 10

<210> SEQ ID NO 2829

<211> LENGTH: 10

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2829

Glu Ala Pro Asn Ile Ser Arg Glu Val Val
1 5 10

<210> SEQ ID NO 2830
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2830

Ala Pro Asn Ile Ser Arg Glu Val Val Lys
1 5 10

<210> SEQ ID NO 2831
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2831

Pro Asn Ile Ser Arg Glu Val Val Lys Gln
1 5 10

<210> SEQ ID NO 2832
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2832

Asn Ile Ser Arg Glu Val Val Lys Gln Leu
1 5 10

<210> SEQ ID NO 2833
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2833

Ile Ser Arg Glu Val Val Lys Gln Leu Leu
1 5 10

<210> SEQ ID NO 2834
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2834

Ser Arg Glu Val Val Lys Gln Leu Leu Pro
1 5 10

<210> SEQ ID NO 2835
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2835

Arg Glu Val Val Lys Gln Leu Leu Pro Lys
1 5 10

<210> SEQ ID NO 2836
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2836

Glu Val Val Lys Gln Leu Leu Pro Lys Ala
1 5 10

<210> SEQ ID NO 2837

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2837

Val Val Lys Gln Leu Leu Pro Lys Ala Pro
1 5 10

<210> SEQ ID NO 2838

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2838

Val Lys Gln Leu Leu Pro Lys Ala Pro Pro
1 5 10

<210> SEQ ID NO 2839

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2839

Lys Gln Leu Leu Pro Lys Ala Pro Pro Leu
1 5 10

<210> SEQ ID NO 2840

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2840

Gln Leu Leu Pro Lys Ala Pro Pro Leu Gln
1 5 10

<210> SEQ ID NO 2841

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2841

Leu Leu Pro Lys Ala Pro Pro Leu Gln Gln
1 5 10

<210> SEQ ID NO 2842

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2842

Leu Pro Lys Ala Pro Pro Leu Gln Gln Ile
1 5 10

<210> SEQ ID NO 2843

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2843

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Pro Lys Ala Pro Pro Leu Gln Gln Ile Leu
1 5 10

<210> SEQ ID NO 2844
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2844

Lys Ala Pro Pro Leu Gln Gln Ile Leu Asp
1 5 10

<210> SEQ ID NO 2845
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2845

Ala Pro Pro Leu Gln Gln Ile Leu Asp Leu
1 5 10

<210> SEQ ID NO 2846
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2846

Pro Pro Leu Gln Gln Ile Leu Asp Leu His
1 5 10

<210> SEQ ID NO 2847
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2847

Pro Leu Gln Gln Ile Leu Asp Leu His Asp
1 5 10

<210> SEQ ID NO 2848
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2848

Leu Gln Gln Ile Leu Asp Leu His Asp Phe
1 5 10

<210> SEQ ID NO 2849
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2849

Gln Gln Ile Leu Asp Leu His Asp Phe Gln
1 5 10

<210> SEQ ID NO 2850
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2850

Gln Ile Leu Asp Leu His Asp Phe Gln Gly

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1	5	10
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<210> SEQ ID NO 2851
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2851

Ile	Leu	Asp	Leu	His	Asp	Phe	Gln	Gly	Asp
1			5						10

<210> SEQ ID NO 2852
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2852

Leu	Asp	Leu	His	Asp	Phe	Gln	Gly	Asp	Ala
1			5						10

<210> SEQ ID NO 2853
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2853

Asp	Leu	His	Asp	Phe	Gln	Gly	Asp	Ala	Leu
1			5						10

<210> SEQ ID NO 2854
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2854

Leu	His	Asp	Phe	Gln	Gly	Asp	Ala	Leu	Gln
1			5						10

<210> SEQ ID NO 2855
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2855

His	Asp	Phe	Gln	Gly	Asp	Ala	Leu	Gln	Pro
1			5						10

<210> SEQ ID NO 2856
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2856

Asp	Phe	Gln	Gly	Asp	Ala	Leu	Gln	Pro	Glu
1			5						10

<210> SEQ ID NO 2857
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2857

Phe	Gln	Gly	Asp	Ala	Leu	Gln	Pro	Glu	Asp
1			5						10

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<210> SEQ ID NO 2858
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2858

Gln Gly Asp Ala Leu Gln Pro Glu Asp Phe
1 5 10

<210> SEQ ID NO 2859
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2859

Gly Asp Ala Leu Gln Pro Glu Asp Phe Leu
1 5 10

<210> SEQ ID NO 2860
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2860

Asp Ala Leu Gln Pro Glu Asp Phe Leu Glu
1 5 10

<210> SEQ ID NO 2861
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2861

Ala Leu Gln Pro Glu Asp Phe Leu Glu Glu
1 5 10

<210> SEQ ID NO 2862
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2862

Leu Gln Pro Glu Asp Phe Leu Glu Glu Asp
1 5 10

<210> SEQ ID NO 2863
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2863

Gln Pro Glu Asp Phe Leu Glu Glu Asp Glu
1 5 10

<210> SEQ ID NO 2864
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2864

Pro Glu Asp Phe Leu Glu Glu Asp Glu Tyr
1 5 10

<210> SEQ ID NO 2865

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<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2865

Glu Asp Phe Leu Glu Glu Asp Glu Tyr His
1 5 10

<210> SEQ ID NO 2866
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2866

Asp Phe Leu Glu Glu Asp Glu Tyr His Ala
1 5 10

<210> SEQ ID NO 2867
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2867

Phe Leu Glu Glu Asp Glu Tyr His Ala Thr
1 5 10

<210> SEQ ID NO 2868
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2868

Leu Glu Glu Asp Glu Tyr His Ala Thr Thr
1 5 10

<210> SEQ ID NO 2869
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2869

Glu Glu Asp Glu Tyr His Ala Thr Thr Glu
1 5 10

<210> SEQ ID NO 2870
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2870

Glu Asp Glu Tyr His Ala Thr Thr Glu Thr
1 5 10

<210> SEQ ID NO 2871
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2871

Asp Glu Tyr His Ala Thr Thr Glu Thr Val
1 5 10

<210> SEQ ID NO 2872
<211> LENGTH: 10
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2872
Glu Tyr His Ala Thr Thr Glu Thr Val Ile
1 5 10

<210> SEQ ID NO 2873
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2873

Tyr His Ala Thr Thr Glu Thr Val Ile Ser
1 5 10

<210> SEQ ID NO 2874
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2874

His Ala Thr Thr Glu Thr Val Ile Ser Met
1 5 10

<210> SEQ ID NO 2875
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2875

Ala Thr Thr Glu Thr Val Ile Ser Met Ala
1 5 10

<210> SEQ ID NO 2876
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2876

Thr Thr Glu Thr Val Ile Ser Met Ala Gln
1 5 10

<210> SEQ ID NO 2877
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2877

Thr Glu Thr Val Ile Ser Met Ala Gln Glu
1 5 10

<210> SEQ ID NO 2878
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2878

Glu Thr Val Ile Ser Met Ala Gln Glu Thr
1 5 10

<210> SEQ ID NO 2879
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2879

Thr Val Ile Ser Met Ala Gln Glu Thr Asp
1 5 10

<210> SEQ ID NO 2880

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2880

Val Ile Ser Met Ala Gln Glu Thr Asp Pro
1 5 10

<210> SEQ ID NO 2881

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2881

Ile Ser Met Ala Gln Glu Thr Asp Pro Ala
1 5 10

<210> SEQ ID NO 2882

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2882

Ser Met Ala Gln Glu Thr Asp Pro Ala Val
1 5 10

<210> SEQ ID NO 2883

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2883

Met Ala Gln Glu Thr Asp Pro Ala Val Gln
1 5 10

<210> SEQ ID NO 2884

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2884

Ala Gln Glu Thr Asp Pro Ala Val Gln Thr
1 5 10

<210> SEQ ID NO 2885

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2885

Gln Glu Thr Asp Pro Ala Val Gln Thr Asp
1 5 10

<210> SEQ ID NO 2886

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2886

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Glu Thr Asp Pro Ala Val Gln Thr Asp Gly
1 5 10

<210> SEQ ID NO 2887
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2887

Thr Asp Pro Ala Val Gln Thr Asp Gly Ser
1 5 10

<210> SEQ ID NO 2888
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2888

Asp Pro Ala Val Gln Thr Asp Gly Ser Pro
1 5 10

<210> SEQ ID NO 2889
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2889

Pro Ala Val Gln Thr Asp Gly Ser Pro Leu
1 5 10

<210> SEQ ID NO 2890
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2890

Ala Val Gln Thr Asp Gly Ser Pro Leu Cys
1 5 10

<210> SEQ ID NO 2891
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2891

Val Gln Thr Asp Gly Ser Pro Leu Cys Cys
1 5 10

<210> SEQ ID NO 2892
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2892

Gln Thr Asp Gly Ser Pro Leu Cys Cys His
1 5 10

<210> SEQ ID NO 2893
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2893

Thr Asp Gly Ser Pro Leu Cys Cys His Phe
1 5 10

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<210> SEQ ID NO 2894
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2894

Asp Gly Ser Pro Leu Cys Cys His Phe His
1 5 10

<210> SEQ ID NO 2895
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2895

Gly Ser Pro Leu Cys Cys His Phe His Phe
1 5 10

<210> SEQ ID NO 2896
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2896

Ser Pro Leu Cys Cys His Phe His Phe Ser
1 5 10

<210> SEQ ID NO 2897
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2897

Pro Leu Cys Cys His Phe His Phe Ser Pro
1 5 10

<210> SEQ ID NO 2898
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2898

Leu Cys Cys His Phe His Phe Ser Pro Lys
1 5 10

<210> SEQ ID NO 2899
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2899

Cys Cys His Phe His Phe Ser Pro Lys Val
1 5 10

<210> SEQ ID NO 2900
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2900

Cys His Phe His Phe Ser Pro Lys Val Met
1 5 10

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<210> SEQ ID NO 2901
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2901

His Phe His Phe Ser Pro Lys Val Met Phe
1 5 10

<210> SEQ ID NO 2902
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2902

Phe His Phe Ser Pro Lys Val Met Phe Thr
1 5 10

<210> SEQ ID NO 2903
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2903

His Phe Ser Pro Lys Val Met Phe Thr Lys
1 5 10

<210> SEQ ID NO 2904
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2904

Phe Ser Pro Lys Val Met Phe Thr Lys Val
1 5 10

<210> SEQ ID NO 2905
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2905

Ser Pro Lys Val Met Phe Thr Lys Val Leu
1 5 10

<210> SEQ ID NO 2906
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2906

Pro Lys Val Met Phe Thr Lys Val Leu Lys
1 5 10

<210> SEQ ID NO 2907
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2907

Lys Val Met Phe Thr Lys Val Leu Lys Ala
1 5 10

<210> SEQ ID NO 2908
<211> LENGTH: 10

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2908

Val Met Phe Thr Lys Val Leu Lys Ala Gln
1 5 10

<210> SEQ ID NO 2909
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2909

Met Phe Thr Lys Val Leu Lys Ala Gln Leu
1 5 10

<210> SEQ ID NO 2910
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2910

Phe Thr Lys Val Leu Lys Ala Gln Leu Trp
1 5 10

<210> SEQ ID NO 2911
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2911

Thr Lys Val Leu Lys Ala Gln Leu Trp Val
1 5 10

<210> SEQ ID NO 2912
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2912

Lys Val Leu Lys Ala Gln Leu Trp Val Tyr
1 5 10

<210> SEQ ID NO 2913
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2913

Val Leu Lys Ala Gln Leu Trp Val Tyr Leu
1 5 10

<210> SEQ ID NO 2914
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2914

Leu Lys Ala Gln Leu Trp Val Tyr Leu Arg
1 5 10

<210> SEQ ID NO 2915
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2915

Lys	Ala	Gln	Leu	Trp	Val	Tyr	Leu	Arg	Pro
1				5					10

<210> SEQ ID NO 2916

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2916

Ala	Gln	Leu	Trp	Val	Tyr	Leu	Arg	Pro	Val
1				5					10

<210> SEQ ID NO 2917

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2917

Gln	Leu	Trp	Val	Tyr	Leu	Arg	Pro	Val	Pro
1				5					10

<210> SEQ ID NO 2918

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2918

Leu	Trp	Val	Tyr	Leu	Arg	Pro	Val	Pro	Arg
1				5					10

<210> SEQ ID NO 2919

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2919

Trp	Val	Tyr	Leu	Arg	Pro	Val	Pro	Arg	Pro
1				5					10

<210> SEQ ID NO 2920

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2920

Val	Tyr	Leu	Arg	Pro	Val	Pro	Arg	Pro	Ala
1				5					10

<210> SEQ ID NO 2921

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2921

Tyr	Leu	Arg	Pro	Val	Pro	Arg	Pro	Ala	Thr
1				5					10

<210> SEQ ID NO 2922

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2922

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Leu Arg Pro Val Pro Arg Pro Ala Thr Val
1 5 10

<210> SEQ ID NO 2923
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2923

Arg Pro Val Pro Arg Pro Ala Thr Val Tyr
1 5 10

<210> SEQ ID NO 2924
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2924

Pro Val Pro Arg Pro Ala Thr Val Tyr Leu
1 5 10

<210> SEQ ID NO 2925
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2925

Val Pro Arg Pro Ala Thr Val Tyr Leu Gln
1 5 10

<210> SEQ ID NO 2926
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2926

Pro Arg Pro Ala Thr Val Tyr Leu Gln Ile
1 5 10

<210> SEQ ID NO 2927
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2927

Arg Pro Ala Thr Val Tyr Leu Gln Ile Leu
1 5 10

<210> SEQ ID NO 2928
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2928

Pro Ala Thr Val Tyr Leu Gln Ile Leu Arg
1 5 10

<210> SEQ ID NO 2929
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2929

Ala Thr Val Tyr Leu Gln Ile Leu Arg Leu

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1 5 10

<210> SEQ ID NO 2930
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2930

Thr Val Tyr Leu Gln Ile Leu Arg Leu Lys
 1 5 10

<210> SEQ ID NO 2931
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2931

Val Tyr Leu Gln Ile Leu Arg Leu Lys Pro
 1 5 10

<210> SEQ ID NO 2932
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2932

Tyr Leu Gln Ile Leu Arg Leu Lys Pro Leu
 1 5 10

<210> SEQ ID NO 2933
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2933

Leu Gln Ile Leu Arg Leu Lys Pro Leu Thr
 1 5 10

<210> SEQ ID NO 2934
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2934

Gln Ile Leu Arg Leu Lys Pro Leu Thr Gly
 1 5 10

<210> SEQ ID NO 2935
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2935

Ile Leu Arg Leu Lys Pro Leu Thr Gly Glu
 1 5 10

<210> SEQ ID NO 2936
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2936

Leu Arg Leu Lys Pro Leu Thr Gly Glu Gly
 1 5 10

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<210> SEQ ID NO 2937
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens
 <400> SEQUENCE: 2937

Arg Leu Lys Pro Leu Thr Gly Glu Gly Thr
 1 5 10

<210> SEQ ID NO 2938
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens
 <400> SEQUENCE: 2938

Leu Lys Pro Leu Thr Gly Glu Gly Thr Ala
 1 5 10

<210> SEQ ID NO 2939
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens
 <400> SEQUENCE: 2939

Lys Pro Leu Thr Gly Glu Gly Thr Ala Gly
 1 5 10

<210> SEQ ID NO 2940
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens
 <400> SEQUENCE: 2940

Pro Leu Thr Gly Glu Gly Thr Ala Gly Gly
 1 5 10

<210> SEQ ID NO 2941
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens
 <400> SEQUENCE: 2941

Leu Thr Gly Glu Gly Thr Ala Gly Gly Gly
 1 5 10

<210> SEQ ID NO 2942
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens
 <400> SEQUENCE: 2942

Thr Gly Glu Gly Thr Ala Gly Gly Gly Gly
 1 5 10

<210> SEQ ID NO 2943
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens
 <400> SEQUENCE: 2943

Gly Glu Gly Thr Ala Gly Gly Gly Gly Gly
 1 5 10

<210> SEQ ID NO 2944

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<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2944

Glu Gly Thr Ala Gly Gly Gly Gly Gly Gly
1 5 10

<210> SEQ ID NO 2945
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2945

Gly Thr Ala Gly Gly Gly Gly Gly Arg
1 5 10

<210> SEQ ID NO 2946
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2946

Thr Ala Gly Gly Gly Gly Gly Gly Arg Arg
1 5 10

<210> SEQ ID NO 2947
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2947

Ala Gly Gly Gly Gly Gly Gly Arg Arg His
1 5 10

<210> SEQ ID NO 2948
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2948

Gly Gly Gly Gly Gly Gly Arg Arg His Ile
1 5 10

<210> SEQ ID NO 2949
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2949

Gly Gly Gly Gly Gly Arg Arg His Ile Arg
1 5 10

<210> SEQ ID NO 2950
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2950

Gly Gly Gly Gly Arg Arg His Ile Arg Ile
1 5 10

<210> SEQ ID NO 2951
<211> LENGTH: 10
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2951
Gly Gly Gly Arg Arg His Ile Arg Ile Arg
1 5 10

<210> SEQ ID NO 2952
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2952
Gly Gly Arg Arg His Ile Arg Ile Arg Ser
1 5 10

<210> SEQ ID NO 2953
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2953
Gly Arg Arg His Ile Arg Ile Arg Ser Leu
1 5 10

<210> SEQ ID NO 2954
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2954
Arg Arg His Ile Arg Ile Arg Ser Leu Lys
1 5 10

<210> SEQ ID NO 2955
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2955
Arg His Ile Arg Ile Arg Ser Leu Lys Ile
1 5 10

<210> SEQ ID NO 2956
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2956
His Ile Arg Ile Arg Ser Leu Lys Ile Glu
1 5 10

<210> SEQ ID NO 2957
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2957
Ile Arg Ile Arg Ser Leu Lys Ile Glu Leu
1 5 10

<210> SEQ ID NO 2958
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2958

Arg Ile Arg Ser Leu Lys Ile Glu Leu His
1 5 10

<210> SEQ ID NO 2959

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2959

Ile Arg Ser Leu Lys Ile Glu Leu His Ser
1 5 10

<210> SEQ ID NO 2960

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2960

Arg Ser Leu Lys Ile Glu Leu His Ser Arg
1 5 10

<210> SEQ ID NO 2961

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2961

Ser Leu Lys Ile Glu Leu His Ser Arg Ser
1 5 10

<210> SEQ ID NO 2962

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2962

Leu Lys Ile Glu Leu His Ser Arg Ser Gly
1 5 10

<210> SEQ ID NO 2963

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2963

Lys Ile Glu Leu His Ser Arg Ser Gly His
1 5 10

<210> SEQ ID NO 2964

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2964

Ile Glu Leu His Ser Arg Ser Gly His Trp
1 5 10

<210> SEQ ID NO 2965

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2965

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Glu Leu His Ser Arg Ser Gly His Trp Gln
1 5 10

<210> SEQ ID NO 2966
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2966

Leu His Ser Arg Ser Gly His Trp Gln Ser
1 5 10

<210> SEQ ID NO 2967
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2967

His Ser Arg Ser Gly His Trp Gln Ser Ile
1 5 10

<210> SEQ ID NO 2968
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2968

Ser Arg Ser Gly His Trp Gln Ser Ile Asp
1 5 10

<210> SEQ ID NO 2969
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2969

Arg Ser Gly His Trp Gln Ser Ile Asp Phe
1 5 10

<210> SEQ ID NO 2970
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2970

Ser Gly His Trp Gln Ser Ile Asp Phe Lys
1 5 10

<210> SEQ ID NO 2971
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2971

Gly His Trp Gln Ser Ile Asp Phe Lys Gln
1 5 10

<210> SEQ ID NO 2972
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2972

His Trp Gln Ser Ile Asp Phe Lys Gln Val
1 5 10

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<210> SEQ ID NO 2973
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2973

Trp Gln Ser Ile Asp Phe Lys Gln Val Leu
1 5 10

<210> SEQ ID NO 2974
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2974

Gln Ser Ile Asp Phe Lys Gln Val Leu His
1 5 10

<210> SEQ ID NO 2975
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2975

Ser Ile Asp Phe Lys Gln Val Leu His Ser
1 5 10

<210> SEQ ID NO 2976
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2976

Ile Asp Phe Lys Gln Val Leu His Ser Trp
1 5 10

<210> SEQ ID NO 2977
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2977

Asp Phe Lys Gln Val Leu His Ser Trp Phe
1 5 10

<210> SEQ ID NO 2978
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2978

Phe Lys Gln Val Leu His Ser Trp Phe Arg
1 5 10

<210> SEQ ID NO 2979
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2979

Lys Gln Val Leu His Ser Trp Phe Arg Gln
1 5 10

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<210> SEQ ID NO 2980

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2980

Gln	Val	Leu	His	Ser	Trp	Phe	Arg	Gln	Pro
1				5					10

<210> SEQ ID NO 2981

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2981

Val	Leu	His	Ser	Trp	Phe	Arg	Gln	Pro	Gln
1				5					10

<210> SEQ ID NO 2982

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2982

Leu	His	Ser	Trp	Phe	Arg	Gln	Pro	Gln	Ser
1				5					10

<210> SEQ ID NO 2983

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2983

His	Ser	Trp	Phe	Arg	Gln	Pro	Gln	Ser	Asn
1				5					10

<210> SEQ ID NO 2984

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2984

Ser	Trp	Phe	Arg	Gln	Pro	Gln	Ser	Asn	Trp
1				5					10

<210> SEQ ID NO 2985

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2985

Trp	Phe	Arg	Gln	Pro	Gln	Ser	Asn	Trp	Gly
1				5					10

<210> SEQ ID NO 2986

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2986

Phe	Arg	Gln	Pro	Gln	Ser	Asn	Trp	Gly	Ile
1				5					10

<210> SEQ ID NO 2987

<211> LENGTH: 10

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2987

Arg Gln Pro Gln Ser Asn Trp Gly Ile Glu
1 5 10

<210> SEQ ID NO 2988
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2988

Gln Pro Gln Ser Asn Trp Gly Ile Glu Ile
1 5 10

<210> SEQ ID NO 2989
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2989

Pro Gln Ser Asn Trp Gly Ile Glu Ile Asn
1 5 10

<210> SEQ ID NO 2990
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2990

Gln Ser Asn Trp Gly Ile Glu Ile Asn Ala
1 5 10

<210> SEQ ID NO 2991
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2991

Ser Asn Trp Gly Ile Glu Ile Asn Ala Phe
1 5 10

<210> SEQ ID NO 2992
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2992

Asn Trp Gly Ile Glu Ile Asn Ala Phe Asp
1 5 10

<210> SEQ ID NO 2993
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2993

Trp Gly Ile Glu Ile Asn Ala Phe Asp Pro
1 5 10

<210> SEQ ID NO 2994
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 2994

Gly Ile Glu Ile Asn Ala Phe Asp Pro Ser
1 5 10

<210> SEQ ID NO 2995

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2995

Ile Glu Ile Asn Ala Phe Asp Pro Ser Gly
1 5 10

<210> SEQ ID NO 2996

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2996

Glu Ile Asn Ala Phe Asp Pro Ser Gly Thr
1 5 10

<210> SEQ ID NO 2997

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2997

Ile Asn Ala Phe Asp Pro Ser Gly Thr Asp
1 5 10

<210> SEQ ID NO 2998

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2998

Asn Ala Phe Asp Pro Ser Gly Thr Asp Leu
1 5 10

<210> SEQ ID NO 2999

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2999

Ala Phe Asp Pro Ser Gly Thr Asp Leu Ala
1 5 10

<210> SEQ ID NO 3000

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3000

Phe Asp Pro Ser Gly Thr Asp Leu Ala Val
1 5 10

<210> SEQ ID NO 3001

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3001

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Asp Pro Ser Gly Thr Asp Leu Ala Val Thr
1 5 10

<210> SEQ ID NO 3002
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3002

Pro Ser Gly Thr Asp Leu Ala Val Thr Ser
1 5 10

<210> SEQ ID NO 3003
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3003

Ser Gly Thr Asp Leu Ala Val Thr Ser Leu
1 5 10

<210> SEQ ID NO 3004
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3004

Gly Thr Asp Leu Ala Val Thr Ser Leu Gly
1 5 10

<210> SEQ ID NO 3005
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3005

Thr Asp Leu Ala Val Thr Ser Leu Gly Pro
1 5 10

<210> SEQ ID NO 3006
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3006

Asp Leu Ala Val Thr Ser Leu Gly Pro Gly
1 5 10

<210> SEQ ID NO 3007
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3007

Leu Ala Val Thr Ser Leu Gly Pro Gly Ala
1 5 10

<210> SEQ ID NO 3008
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3008

Ala Val Thr Ser Leu Gly Pro Gly Ala Glu

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1 5 10

<210> SEQ ID NO 3009
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3009

Val Thr Ser Leu Gly Pro Gly Ala Glu Gly
 1 5 10

<210> SEQ ID NO 3010
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3010

Thr Ser Leu Gly Pro Gly Ala Glu Gly Leu
 1 5 10

<210> SEQ ID NO 3011
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3011

Ser Leu Gly Pro Gly Ala Glu Gly Leu His
 1 5 10

<210> SEQ ID NO 3012
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3012

Leu Gly Pro Gly Ala Glu Gly Leu His Pro
 1 5 10

<210> SEQ ID NO 3013
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3013

Gly Pro Gly Ala Glu Gly Leu His Pro Phe
 1 5 10

<210> SEQ ID NO 3014
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3014

Pro Gly Ala Glu Gly Leu His Pro Phe Met
 1 5 10

<210> SEQ ID NO 3015
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3015

Gly Ala Glu Gly Leu His Pro Phe Met Glu
 1 5 10

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<210> SEQ ID NO 3016
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3016

Ala Glu Gly Leu His Pro Phe Met Glu Leu
1 5 10

<210> SEQ ID NO 3017
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3017

Glu Gly Leu His Pro Phe Met Glu Leu Arg
1 5 10

<210> SEQ ID NO 3018
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3018

Gly Leu His Pro Phe Met Glu Leu Arg Val
1 5 10

<210> SEQ ID NO 3019
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3019

Leu His Pro Phe Met Glu Leu Arg Val Leu
1 5 10

<210> SEQ ID NO 3020
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3020

His Pro Phe Met Glu Leu Arg Val Leu Glu
1 5 10

<210> SEQ ID NO 3021
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3021

Pro Phe Met Glu Leu Arg Val Leu Glu Asn
1 5 10

<210> SEQ ID NO 3022
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3022

Phe Met Glu Leu Arg Val Leu Glu Asn Thr
1 5 10

<210> SEQ ID NO 3023

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<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3023

Met Glu Leu Arg Val Leu Glu Asn Thr Lys
1 5 10

<210> SEQ ID NO 3024
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3024

Glu Leu Arg Val Leu Glu Asn Thr Lys Arg
1 5 10

<210> SEQ ID NO 3025
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3025

Leu Arg Val Leu Glu Asn Thr Lys Arg Ser
1 5 10

<210> SEQ ID NO 3026
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3026

Arg Val Leu Glu Asn Thr Lys Arg Ser Arg
1 5 10

<210> SEQ ID NO 3027
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3027

Val Leu Glu Asn Thr Lys Arg Ser Arg Arg
1 5 10

<210> SEQ ID NO 3028
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3028

Leu Glu Asn Thr Lys Arg Ser Arg Arg Asn
1 5 10

<210> SEQ ID NO 3029
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3029

Glu Asn Thr Lys Arg Ser Arg Arg Asn Leu
1 5 10

<210> SEQ ID NO 3030
<211> LENGTH: 10
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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 3030
Asn Thr Lys Arg Ser Arg Arg Asn Leu Gly
1 5 10

<210> SEQ ID NO 3031
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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 3031
Thr Lys Arg Ser Arg Arg Asn Leu Gly Leu
1 5 10

<210> SEQ ID NO 3032
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 3032
Lys Arg Ser Arg Arg Asn Leu Gly Leu Asp
1 5 10

<210> SEQ ID NO 3033
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 3033
Arg Ser Arg Arg Asn Leu Gly Leu Asp Cys
1 5 10

<210> SEQ ID NO 3034
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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 3034
Ser Arg Arg Asn Leu Gly Leu Asp Cys Asp
1 5 10

<210> SEQ ID NO 3035
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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 3035
Arg Arg Asn Leu Gly Leu Asp Cys Asp Glu
1 5 10

<210> SEQ ID NO 3036
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 3036
Arg Asn Leu Gly Leu Asp Cys Asp Glu His
1 5 10

<210> SEQ ID NO 3037
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3037

Asn Leu Gly Leu Asp Cys Asp Glu His Ser
1 5 10

<210> SEQ ID NO 3038

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3038

Leu Gly Leu Asp Cys Asp Glu His Ser Ser
1 5 10

<210> SEQ ID NO 3039

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3039

Gly Leu Asp Cys Asp Glu His Ser Ser Glu
1 5 10

<210> SEQ ID NO 3040

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3040

Leu Asp Cys Asp Glu His Ser Ser Glu Ser
1 5 10

<210> SEQ ID NO 3041

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3041

Asp Cys Asp Glu His Ser Ser Glu Ser Arg
1 5 10

<210> SEQ ID NO 3042

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3042

Cys Asp Glu His Ser Ser Glu Ser Arg Cys
1 5 10

<210> SEQ ID NO 3043

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3043

Asp Glu His Ser Ser Glu Ser Arg Cys Cys
1 5 10

<210> SEQ ID NO 3044

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3044

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Glu His Ser Ser Glu Ser Arg Cys Cys Arg
1 5 10

<210> SEQ ID NO 3045
<211> LENGTH: 10
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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3045

His Ser Ser Glu Ser Arg Cys Cys Arg Tyr
1 5 10

<210> SEQ ID NO 3046
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3046

Ser Ser Glu Ser Arg Cys Cys Arg Tyr Pro
1 5 10

<210> SEQ ID NO 3047
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3047

Ser Glu Ser Arg Cys Cys Arg Tyr Pro Leu
1 5 10

<210> SEQ ID NO 3048
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3048

Glu Ser Arg Cys Cys Arg Tyr Pro Leu Thr
1 5 10

<210> SEQ ID NO 3049
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3049

Ser Arg Cys Cys Arg Tyr Pro Leu Thr Val
1 5 10

<210> SEQ ID NO 3050
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3050

Arg Cys Cys Arg Tyr Pro Leu Thr Val Asp
1 5 10

<210> SEQ ID NO 3051
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3051

Cys Cys Arg Tyr Pro Leu Thr Val Asp Phe
1 5 10

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<210> SEQ ID NO 3052

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3052

Cys Arg Tyr Pro Leu Thr Val Asp Phe Glu
1 5 10

<210> SEQ ID NO 3053

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3053

Arg Tyr Pro Leu Thr Val Asp Phe Glu Ala
1 5 10

<210> SEQ ID NO 3054

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3054

Tyr Pro Leu Thr Val Asp Phe Glu Ala Phe
1 5 10

<210> SEQ ID NO 3055

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3055

Pro Leu Thr Val Asp Phe Glu Ala Phe Gly
1 5 10

<210> SEQ ID NO 3056

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3056

Leu Thr Val Asp Phe Glu Ala Phe Gly Trp
1 5 10

<210> SEQ ID NO 3057

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3057

Thr Val Asp Phe Glu Ala Phe Gly Trp Asp
1 5 10

<210> SEQ ID NO 3058

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3058

Val Asp Phe Glu Ala Phe Gly Trp Asp Trp
1 5 10

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<210> SEQ ID NO 3059
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3059

Asp Phe Glu Ala Phe Gly Trp Asp Trp Ile
1 5 10

<210> SEQ ID NO 3060
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3060

Phe Glu Ala Phe Gly Trp Asp Trp Ile Ile
1 5 10

<210> SEQ ID NO 3061
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3061

Glu Ala Phe Gly Trp Asp Trp Ile Ile Ala
1 5 10

<210> SEQ ID NO 3062
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3062

Ala Phe Gly Trp Asp Trp Ile Ile Ala Pro
1 5 10

<210> SEQ ID NO 3063
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3063

Phe Gly Trp Asp Trp Ile Ile Ala Pro Lys
1 5 10

<210> SEQ ID NO 3064
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3064

Gly Trp Asp Trp Ile Ile Ala Pro Lys Arg
1 5 10

<210> SEQ ID NO 3065
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3065

Trp Asp Trp Ile Ile Ala Pro Lys Arg Tyr
1 5 10

<210> SEQ ID NO 3066
<211> LENGTH: 10

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3066

Asp Trp Ile Ile Ala Pro Lys Arg Tyr Lys
1 5 10

<210> SEQ ID NO 3067
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3067

Trp Ile Ile Ala Pro Lys Arg Tyr Lys Ala
1 5 10

<210> SEQ ID NO 3068
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3068

Ile Ile Ala Pro Lys Arg Tyr Lys Ala Asn
1 5 10

<210> SEQ ID NO 3069
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3069

Ile Ala Pro Lys Arg Tyr Lys Ala Asn Tyr
1 5 10

<210> SEQ ID NO 3070
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3070

Ala Pro Lys Arg Tyr Lys Ala Asn Tyr Cys
1 5 10

<210> SEQ ID NO 3071
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3071

Pro Lys Arg Tyr Lys Ala Asn Tyr Cys Ser
1 5 10

<210> SEQ ID NO 3072
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3072

Lys Arg Tyr Lys Ala Asn Tyr Cys Ser Gly
1 5 10

<210> SEQ ID NO 3073
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3073

Arg Tyr Lys Ala Asn Tyr Cys Ser Gly Gln
1 5 10

<210> SEQ ID NO 3074

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3074

Tyr Lys Ala Asn Tyr Cys Ser Gly Gln Cys
1 5 10

<210> SEQ ID NO 3075

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3075

Lys Ala Asn Tyr Cys Ser Gly Gln Cys Glu
1 5 10

<210> SEQ ID NO 3076

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3076

Ala Asn Tyr Cys Ser Gly Gln Cys Glu Tyr
1 5 10

<210> SEQ ID NO 3077

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3077

Asn Tyr Cys Ser Gly Gln Cys Glu Tyr Met
1 5 10

<210> SEQ ID NO 3078

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3078

Tyr Cys Ser Gly Gln Cys Glu Tyr Met Phe
1 5 10

<210> SEQ ID NO 3079

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3079

Cys Ser Gly Gln Cys Glu Tyr Met Phe Met
1 5 10

<210> SEQ ID NO 3080

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3080

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Ser Gly Gln Cys Glu Tyr Met Phe Met Gln
1 5 10

<210> SEQ ID NO 3081
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3081

Gly Gln Cys Glu Tyr Met Phe Met Gln Lys
1 5 10

<210> SEQ ID NO 3082
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3082

Gln Cys Glu Tyr Met Phe Met Gln Lys Tyr
1 5 10

<210> SEQ ID NO 3083
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3083

Cys Glu Tyr Met Phe Met Gln Lys Tyr Pro
1 5 10

<210> SEQ ID NO 3084
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3084

Glu Tyr Met Phe Met Gln Lys Tyr Pro His
1 5 10

<210> SEQ ID NO 3085
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3085

Tyr Met Phe Met Gln Lys Tyr Pro His Thr
1 5 10

<210> SEQ ID NO 3086
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3086

Met Phe Met Gln Lys Tyr Pro His Thr His
1 5 10

<210> SEQ ID NO 3087
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3087

Phe Met Gln Lys Tyr Pro His Thr His Leu

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1 5 10

<210> SEQ ID NO 3088
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3088

Met Gln Lys Tyr Pro His Thr His Leu Val
 1 5 10

<210> SEQ ID NO 3089
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3089

Gln Lys Tyr Pro His Thr His Leu Val Gln
 1 5 10

<210> SEQ ID NO 3090
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3090

Lys Tyr Pro His Thr His Leu Val Gln Gln
 1 5 10

<210> SEQ ID NO 3091
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3091

Tyr Pro His Thr His Leu Val Gln Gln Ala
 1 5 10

<210> SEQ ID NO 3092
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3092

Pro His Thr His Leu Val Gln Gln Ala Asn
 1 5 10

<210> SEQ ID NO 3093
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3093

His Thr His Leu Val Gln Gln Ala Asn Pro
 1 5 10

<210> SEQ ID NO 3094
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3094

Thr His Leu Val Gln Gln Ala Asn Pro Arg
 1 5 10

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<210> SEQ ID NO 3095
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3095

His Leu Val Gln Gln Ala Asn Pro Arg Gly
1 5 10

<210> SEQ ID NO 3096
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3096

Leu Val Gln Gln Ala Asn Pro Arg Gly Ser
1 5 10

<210> SEQ ID NO 3097
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3097

Val Gln Gln Ala Asn Pro Arg Gly Ser Ala
1 5 10

<210> SEQ ID NO 3098
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3098

Gln Gln Ala Asn Pro Arg Gly Ser Ala Gly
1 5 10

<210> SEQ ID NO 3099
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3099

Gln Ala Asn Pro Arg Gly Ser Ala Gly Pro
1 5 10

<210> SEQ ID NO 3100
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3100

Ala Asn Pro Arg Gly Ser Ala Gly Pro Cys
1 5 10

<210> SEQ ID NO 3101
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3101

Asn Pro Arg Gly Ser Ala Gly Pro Cys Cys
1 5 10

<210> SEQ ID NO 3102

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<211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3102

Pro Arg Gly Ser Ala Gly Pro Cys Cys Thr
 1 5 10

<210> SEQ ID NO 3103
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3103

Arg Gly Ser Ala Gly Pro Cys Cys Thr Pro
 1 5 10

<210> SEQ ID NO 3104
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3104

Gly Ser Ala Gly Pro Cys Cys Thr Pro Thr
 1 5 10

<210> SEQ ID NO 3105
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3105

Ser Ala Gly Pro Cys Cys Thr Pro Thr Lys
 1 5 10

<210> SEQ ID NO 3106
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3106

Ala Gly Pro Cys Cys Thr Pro Thr Lys Met
 1 5 10

<210> SEQ ID NO 3107
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3107

Gly Pro Cys Cys Thr Pro Thr Lys Met Ser
 1 5 10

<210> SEQ ID NO 3108
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3108

Pro Cys Cys Thr Pro Thr Lys Met Ser Pro
 1 5 10

<210> SEQ ID NO 3109
 <211> LENGTH: 10
 <212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3109

Cys Cys Thr Pro Thr Lys Met Ser Pro Ile
 1 5 10

<210> SEQ ID NO 3110
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3110

Cys Thr Pro Thr Lys Met Ser Pro Ile Asn
 1 5 10

<210> SEQ ID NO 3111
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3111

Thr Pro Thr Lys Met Ser Pro Ile Asn Met
 1 5 10

<210> SEQ ID NO 3112
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3112

Pro Thr Lys Met Ser Pro Ile Asn Met Leu
 1 5 10

<210> SEQ ID NO 3113
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3113

Thr Lys Met Ser Pro Ile Asn Met Leu Tyr
 1 5 10

<210> SEQ ID NO 3114
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3114

Lys Met Ser Pro Ile Asn Met Leu Tyr Phe
 1 5 10

<210> SEQ ID NO 3115
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3115

Met Ser Pro Ile Asn Met Leu Tyr Phe Asn
 1 5 10

<210> SEQ ID NO 3116
 <211> LENGTH: 10
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3116

Ser Pro Ile Asn Met Leu Tyr Phe Asn Asp
1 5 10

<210> SEQ ID NO 3117

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3117

Pro Ile Asn Met Leu Tyr Phe Asn Asp Lys
1 5 10

<210> SEQ ID NO 3118

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3118

Ile Asn Met Leu Tyr Phe Asn Asp Lys Gln
1 5 10

<210> SEQ ID NO 3119

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3119

Asn Met Leu Tyr Phe Asn Asp Lys Gln Gln
1 5 10

<210> SEQ ID NO 3120

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3120

Met Leu Tyr Phe Asn Asp Lys Gln Gln Ile
1 5 10

<210> SEQ ID NO 3121

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3121

Leu Tyr Phe Asn Asp Lys Gln Gln Ile Ile
1 5 10

<210> SEQ ID NO 3122

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3122

Tyr Phe Asn Asp Lys Gln Gln Ile Ile Tyr
1 5 10

<210> SEQ ID NO 3123

<211> LENGTH: 10

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3123

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Phe Asn Asp Lys Gln Gln Ile Ile Tyr Gly
1 5 10

<210> SEQ ID NO 3124
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3124

Asn Asp Lys Gln Gln Ile Ile Tyr Gly Lys
1 5 10

<210> SEQ ID NO 3125
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3125

Asp Lys Gln Gln Ile Ile Tyr Gly Lys Ile
1 5 10

<210> SEQ ID NO 3126
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3126

Lys Gln Gln Ile Ile Tyr Gly Lys Ile Pro
1 5 10

<210> SEQ ID NO 3127
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3127

Gln Gln Ile Ile Tyr Gly Lys Ile Pro Gly
1 5 10

<210> SEQ ID NO 3128
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3128

Gln Ile Ile Tyr Gly Lys Ile Pro Gly Met
1 5 10

<210> SEQ ID NO 3129
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3129

Ile Ile Tyr Gly Lys Ile Pro Gly Met Val
1 5 10

<210> SEQ ID NO 3130
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3130

Ile Tyr Gly Lys Ile Pro Gly Met Val Val
1 5 10

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<210> SEQ ID NO 3131
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3131

Tyr Gly Lys Ile Pro Gly Met Val Val Asp
1 5 10

<210> SEQ ID NO 3132
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3132

Gly Lys Ile Pro Gly Met Val Val Asp Arg
1 5 10

<210> SEQ ID NO 3133
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3133

Lys Ile Pro Gly Met Val Val Asp Arg Cys
1 5 10

<210> SEQ ID NO 3134
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3134

Ile Pro Gly Met Val Val Asp Arg Cys Gly
1 5 10

<210> SEQ ID NO 3135
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3135

Pro Gly Met Val Val Asp Arg Cys Gly Cys
1 5 10

<210> SEQ ID NO 3136
<211> LENGTH: 10
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3136

Gly Met Val Val Asp Arg Cys Gly Cys Ser
1 5 10

<210> SEQ ID NO 3137
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3137

Met Val Leu Ala Ala Pro Leu Leu Leu Gly Phe
1 5 10

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<210> SEQ ID NO 3138

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3138

Val Leu Ala Ala Pro Leu Leu Leu Gly Phe Leu
1 5 10

<210> SEQ ID NO 3139

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3139

Leu Ala Ala Pro Leu Leu Leu Gly Phe Leu Leu
1 5 10

<210> SEQ ID NO 3140

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3140

Ala Ala Pro Leu Leu Leu Gly Phe Leu Leu Leu
1 5 10

<210> SEQ ID NO 3141

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3141

Ala Pro Leu Leu Leu Gly Phe Leu Leu Leu Ala
1 5 10

<210> SEQ ID NO 3142

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3142

Pro Leu Leu Leu Gly Phe Leu Leu Leu Ala Leu
1 5 10

<210> SEQ ID NO 3143

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3143

Leu Leu Leu Gly Phe Leu Leu Leu Ala Leu Glu
1 5 10

<210> SEQ ID NO 3144

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3144

Leu Leu Gly Phe Leu Leu Leu Ala Leu Glu Leu
1 5 10

<210> SEQ ID NO 3145

<211> LENGTH: 11

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<212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

 <400> SEQUENCE: 3145

 Leu Gly Phe Leu Leu Leu Ala Leu Glu Leu Arg
 1 5 10

<210> SEQ ID NO 3146
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

 <400> SEQUENCE: 3146

 Gly Phe Leu Leu Leu Ala Leu Glu Leu Arg Pro
 1 5 10

<210> SEQ ID NO 3147
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

 <400> SEQUENCE: 3147

 Phe Leu Leu Leu Ala Leu Glu Leu Arg Pro Arg
 1 5 10

<210> SEQ ID NO 3148
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

 <400> SEQUENCE: 3148

 Leu Leu Leu Ala Leu Glu Leu Arg Pro Arg Gly
 1 5 10

<210> SEQ ID NO 3149
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

 <400> SEQUENCE: 3149

 Leu Leu Ala Leu Glu Leu Arg Pro Arg Gly Glu
 1 5 10

<210> SEQ ID NO 3150
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

 <400> SEQUENCE: 3150

 Leu Ala Leu Glu Leu Arg Pro Arg Gly Glu Ala
 1 5 10

<210> SEQ ID NO 3151
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

 <400> SEQUENCE: 3151

 Ala Leu Glu Leu Arg Pro Arg Gly Glu Ala Ala
 1 5 10

<210> SEQ ID NO 3152
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3152

Leu Glu Leu Arg Pro Arg Gly Glu Ala Ala Glu
 1 5 10

<210> SEQ ID NO 3153

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3153

Glu Leu Arg Pro Arg Gly Glu Ala Ala Glu Gly
 1 5 10

<210> SEQ ID NO 3154

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3154

Leu Arg Pro Arg Gly Glu Ala Ala Glu Gly Pro
 1 5 10

<210> SEQ ID NO 3155

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3155

Arg Pro Arg Gly Glu Ala Ala Glu Gly Pro Ala
 1 5 10

<210> SEQ ID NO 3156

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3156

Pro Arg Gly Glu Ala Ala Glu Gly Pro Ala Ala
 1 5 10

<210> SEQ ID NO 3157

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3157

Arg Gly Glu Ala Ala Glu Gly Pro Ala Ala Ala
 1 5 10

<210> SEQ ID NO 3158

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3158

Gly Glu Ala Ala Glu Gly Pro Ala Ala Ala Ala
 1 5 10

<210> SEQ ID NO 3159

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3159

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Glu Ala Ala Glu Gly Pro Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 3160
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3160

Ala Ala Glu Gly Pro Ala Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 3161
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3161

Ala Glu Gly Pro Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 3162
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3162

Glu Gly Pro Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 3163
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3163

Gly Pro Ala Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 3164
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3164

Pro Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 3165
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3165

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10

<210> SEQ ID NO 3166
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3166

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Gly

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1	5	10
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<210> SEQ ID NO 3167
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3167

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Gly Val
1 5 10

<210> SEQ ID NO 3168
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3168

Ala Ala Ala Ala Ala Ala Ala Ala Ala Gly Val Gly
1 5 10

<210> SEQ ID NO 3169
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3169

Ala Ala Ala Ala Ala Ala Ala Ala Gly Val Gly Gly
1 5 10

<210> SEQ ID NO 3170
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3170

Ala Ala Ala Ala Ala Ala Gly Val Gly Gly Glu
1 5 10

<210> SEQ ID NO 3171
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3171

Ala Ala Ala Ala Ala Gly Val Gly Gly Glu Arg
1 5 10

<210> SEQ ID NO 3172
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3172

Ala Ala Ala Ala Gly Val Gly Gly Glu Arg Ser
1 5 10

<210> SEQ ID NO 3173
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3173

Ala Ala Ala Gly Val Gly Gly Glu Arg Ser Ser
1 5 10

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<210> SEQ ID NO 3174
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3174

Ala Ala Gly Val Gly Gly Glu Arg Ser Ser Arg
1 5 10

<210> SEQ ID NO 3175
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3175

Ala Gly Val Gly Gly Glu Arg Ser Ser Arg Pro
1 5 10

<210> SEQ ID NO 3176
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3176

Gly Val Gly Gly Glu Arg Ser Ser Arg Pro Ala
1 5 10

<210> SEQ ID NO 3177
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3177

Val Gly Gly Glu Arg Ser Ser Arg Pro Ala Pro
1 5 10

<210> SEQ ID NO 3178
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3178

Gly Gly Glu Arg Ser Ser Arg Pro Ala Pro Ser
1 5 10

<210> SEQ ID NO 3179
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3179

Gly Glu Arg Ser Ser Arg Pro Ala Pro Ser Val
1 5 10

<210> SEQ ID NO 3180
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3180

Glu Arg Ser Ser Arg Pro Ala Pro Ser Val Ala
1 5 10

<210> SEQ ID NO 3181

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<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3181

Arg Ser Ser Arg Pro Ala Pro Ser Val Ala Pro
1 5 10

<210> SEQ ID NO 3182
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3182

Ser Ser Arg Pro Ala Pro Ser Val Ala Pro Glu
1 5 10

<210> SEQ ID NO 3183
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3183

Ser Arg Pro Ala Pro Ser Val Ala Pro Glu Pro
1 5 10

<210> SEQ ID NO 3184
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3184

Arg Pro Ala Pro Ser Val Ala Pro Glu Pro Asp
1 5 10

<210> SEQ ID NO 3185
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3185

Pro Ala Pro Ser Val Ala Pro Glu Pro Asp Gly
1 5 10

<210> SEQ ID NO 3186
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3186

Ala Pro Ser Val Ala Pro Glu Pro Asp Gly Cys
1 5 10

<210> SEQ ID NO 3187
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3187

Pro Ser Val Ala Pro Glu Pro Asp Gly Cys Pro
1 5 10

<210> SEQ ID NO 3188
<211> LENGTH: 11
<212> TYPE: PRT

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 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3188

Ser	Val	Ala	Pro	Glu	Pro	Asp	Gly	Cys	Pro	Val
1				5					10	

<210> SEQ ID NO 3189

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3189

Val	Ala	Pro	Glu	Pro	Asp	Gly	Cys	Pro	Val	Cys
1				5					10	

<210> SEQ ID NO 3190

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3190

Ala	Pro	Glu	Pro	Asp	Gly	Cys	Pro	Val	Cys	Val
1				5					10	

<210> SEQ ID NO 3191

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3191

Pro	Glu	Pro	Asp	Gly	Cys	Pro	Val	Cys	Val	Trp
1				5					10	

<210> SEQ ID NO 3192

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3192

Glu	Pro	Asp	Gly	Cys	Pro	Val	Cys	Val	Trp	Arg
1				5					10	

<210> SEQ ID NO 3193

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3193

Pro	Asp	Gly	Cys	Pro	Val	Cys	Val	Trp	Arg	Gln
1				5					10	

<210> SEQ ID NO 3194

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3194

Asp	Gly	Cys	Pro	Val	Cys	Val	Trp	Arg	Gln	His
1				5					10	

<210> SEQ ID NO 3195

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3195

Gly Cys Pro Val Cys Val Trp Arg Gln His Ser
1 5 10

<210> SEQ ID NO 3196

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3196

Cys Pro Val Cys Val Trp Arg Gln His Ser Arg
1 5 10

<210> SEQ ID NO 3197

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3197

Pro Val Cys Val Trp Arg Gln His Ser Arg Glu
1 5 10

<210> SEQ ID NO 3198

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3198

Val Cys Val Trp Arg Gln His Ser Arg Glu Leu
1 5 10

<210> SEQ ID NO 3199

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3199

Cys Val Trp Arg Gln His Ser Arg Glu Leu Arg
1 5 10

<210> SEQ ID NO 3200

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3200

Val Trp Arg Gln His Ser Arg Glu Leu Arg Leu
1 5 10

<210> SEQ ID NO 3201

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3201

Trp Arg Gln His Ser Arg Glu Leu Arg Leu Glu
1 5 10

<210> SEQ ID NO 3202

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3202

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Arg Gln His Ser Arg Glu Leu Arg Leu Glu Ser
1 5 10

<210> SEQ ID NO 3203
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3203

Gln His Ser Arg Glu Leu Arg Leu Glu Ser Ile
1 5 10

<210> SEQ ID NO 3204
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3204

His Ser Arg Glu Leu Arg Leu Glu Ser Ile Lys
1 5 10

<210> SEQ ID NO 3205
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3205

Ser Arg Glu Leu Arg Leu Glu Ser Ile Lys Ser
1 5 10

<210> SEQ ID NO 3206
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3206

Arg Glu Leu Arg Leu Glu Ser Ile Lys Ser Gln
1 5 10

<210> SEQ ID NO 3207
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3207

Glu Leu Arg Leu Glu Ser Ile Lys Ser Gln Ile
1 5 10

<210> SEQ ID NO 3208
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3208

Leu Arg Leu Glu Ser Ile Lys Ser Gln Ile Leu
1 5 10

<210> SEQ ID NO 3209
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3209

Arg Leu Glu Ser Ile Lys Ser Gln Ile Leu Ser
1 5 10

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<210> SEQ ID NO 3210

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3210

Leu Glu Ser Ile Lys Ser Gln Ile Leu Ser Lys
1 5 10

<210> SEQ ID NO 3211

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3211

Glu Ser Ile Lys Ser Gln Ile Leu Ser Lys Leu
1 5 10

<210> SEQ ID NO 3212

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3212

Ser Ile Lys Ser Gln Ile Leu Ser Lys Leu Arg
1 5 10

<210> SEQ ID NO 3213

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3213

Ile Lys Ser Gln Ile Leu Ser Lys Leu Arg Leu
1 5 10

<210> SEQ ID NO 3214

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3214

Lys Ser Gln Ile Leu Ser Lys Leu Arg Leu Lys
1 5 10

<210> SEQ ID NO 3215

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3215

Ser Gln Ile Leu Ser Lys Leu Arg Leu Lys Glu
1 5 10

<210> SEQ ID NO 3216

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3216

Gln Ile Leu Ser Lys Leu Arg Leu Lys Glu Ala
1 5 10

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<210> SEQ ID NO 3217

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3217

Ile Leu Ser Lys Leu Arg Leu Lys Glu Ala Pro
1 5 10

<210> SEQ ID NO 3218

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3218

Leu Ser Lys Leu Arg Leu Lys Glu Ala Pro Asn
1 5 10

<210> SEQ ID NO 3219

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3219

Ser Lys Leu Arg Leu Lys Glu Ala Pro Asn Ile
1 5 10

<210> SEQ ID NO 3220

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3220

Lys Leu Arg Leu Lys Glu Ala Pro Asn Ile Ser
1 5 10

<210> SEQ ID NO 3221

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3221

Leu Arg Leu Lys Glu Ala Pro Asn Ile Ser Arg
1 5 10

<210> SEQ ID NO 3222

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3222

Arg Leu Lys Glu Ala Pro Asn Ile Ser Arg Glu
1 5 10

<210> SEQ ID NO 3223

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3223

Leu Lys Glu Ala Pro Asn Ile Ser Arg Glu Val
1 5 10

<210> SEQ ID NO 3224

<211> LENGTH: 11

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3224

Lys Glu Ala Pro Asn Ile Ser Arg Glu Val Val
1 5 10

<210> SEQ ID NO 3225
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3225

Glu Ala Pro Asn Ile Ser Arg Glu Val Val Lys
1 5 10

<210> SEQ ID NO 3226
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3226

Ala Pro Asn Ile Ser Arg Glu Val Val Lys Gln
1 5 10

<210> SEQ ID NO 3227
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3227

Pro Asn Ile Ser Arg Glu Val Val Lys Gln Leu
1 5 10

<210> SEQ ID NO 3228
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3228

Asn Ile Ser Arg Glu Val Val Lys Gln Leu Leu
1 5 10

<210> SEQ ID NO 3229
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3229

Ile Ser Arg Glu Val Val Lys Gln Leu Leu Pro
1 5 10

<210> SEQ ID NO 3230
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3230

Ser Arg Glu Val Val Lys Gln Leu Leu Pro Lys
1 5 10

<210> SEQ ID NO 3231
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3231

Arg Glu Val Val Lys Gln Leu Leu Pro Lys Ala
1 5 10

<210> SEQ ID NO 3232

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3232

Glu Val Val Lys Gln Leu Leu Pro Lys Ala Pro
1 5 10

<210> SEQ ID NO 3233

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3233

Val Val Lys Gln Leu Leu Pro Lys Ala Pro Pro
1 5 10

<210> SEQ ID NO 3234

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3234

Val Lys Gln Leu Leu Pro Lys Ala Pro Pro Leu
1 5 10

<210> SEQ ID NO 3235

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3235

Lys Gln Leu Leu Pro Lys Ala Pro Pro Leu Gln
1 5 10

<210> SEQ ID NO 3236

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3236

Gln Leu Leu Pro Lys Ala Pro Pro Leu Gln Gln
1 5 10

<210> SEQ ID NO 3237

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3237

Leu Leu Pro Lys Ala Pro Pro Leu Gln Gln Ile
1 5 10

<210> SEQ ID NO 3238

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3238

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Leu Pro Lys Ala Pro Pro Leu Gln Gln Ile Leu
1 5 10

<210> SEQ ID NO 3239
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3239

Pro Lys Ala Pro Pro Leu Gln Gln Ile Leu Asp
1 5 10

<210> SEQ ID NO 3240
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3240

Lys Ala Pro Pro Leu Gln Gln Ile Leu Asp Leu
1 5 10

<210> SEQ ID NO 3241
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3241

Ala Pro Pro Leu Gln Gln Ile Leu Asp Leu His
1 5 10

<210> SEQ ID NO 3242
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3242

Pro Pro Leu Gln Gln Ile Leu Asp Leu His Asp
1 5 10

<210> SEQ ID NO 3243
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3243

Pro Leu Gln Gln Ile Leu Asp Leu His Asp Phe
1 5 10

<210> SEQ ID NO 3244
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3244

Leu Gln Gln Ile Leu Asp Leu His Asp Phe Gln
1 5 10

<210> SEQ ID NO 3245
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3245

Gln Gln Ile Leu Asp Leu His Asp Phe Gln Gly

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1 5 10

<210> SEQ ID NO 3246
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3246

Gln Ile Leu Asp Leu His Asp Phe Gln Gly Asp
 1 5 10

<210> SEQ ID NO 3247
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3247

Ile Leu Asp Leu His Asp Phe Gln Gly Asp Ala
 1 5 10

<210> SEQ ID NO 3248
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3248

Leu Asp Leu His Asp Phe Gln Gly Asp Ala Leu
 1 5 10

<210> SEQ ID NO 3249
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3249

Asp Leu His Asp Phe Gln Gly Asp Ala Leu Gln
 1 5 10

<210> SEQ ID NO 3250
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3250

Leu His Asp Phe Gln Gly Asp Ala Leu Gln Pro
 1 5 10

<210> SEQ ID NO 3251
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3251

His Asp Phe Gln Gly Asp Ala Leu Gln Pro Glu
 1 5 10

<210> SEQ ID NO 3252
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3252

Asp Phe Gln Gly Asp Ala Leu Gln Pro Glu Asp
 1 5 10

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<210> SEQ ID NO 3253
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3253

Phe Gln Gly Asp Ala Leu Gln Pro Glu Asp Phe
1 5 10

<210> SEQ ID NO 3254
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3254

Gln Gly Asp Ala Leu Gln Pro Glu Asp Phe Leu
1 5 10

<210> SEQ ID NO 3255
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3255

Gly Asp Ala Leu Gln Pro Glu Asp Phe Leu Glu
1 5 10

<210> SEQ ID NO 3256
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3256

Asp Ala Leu Gln Pro Glu Asp Phe Leu Glu Glu
1 5 10

<210> SEQ ID NO 3257
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3257

Ala Leu Gln Pro Glu Asp Phe Leu Glu Glu Asp
1 5 10

<210> SEQ ID NO 3258
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3258

Leu Gln Pro Glu Asp Phe Leu Glu Glu Asp Glu
1 5 10

<210> SEQ ID NO 3259
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3259

Gln Pro Glu Asp Phe Leu Glu Glu Asp Glu Tyr
1 5 10

<210> SEQ ID NO 3260

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<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3260

Pro Glu Asp Phe Leu Glu Glu Asp Glu Tyr His
1 5 10

<210> SEQ ID NO 3261
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3261

Glu Asp Phe Leu Glu Glu Asp Glu Tyr His Ala
1 5 10

<210> SEQ ID NO 3262
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3262

Asp Phe Leu Glu Glu Asp Glu Tyr His Ala Thr
1 5 10

<210> SEQ ID NO 3263
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3263

Phe Leu Glu Glu Asp Glu Tyr His Ala Thr Thr
1 5 10

<210> SEQ ID NO 3264
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3264

Leu Glu Glu Asp Glu Tyr His Ala Thr Thr Glu
1 5 10

<210> SEQ ID NO 3265
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3265

Glu Glu Asp Glu Tyr His Ala Thr Thr Glu Thr
1 5 10

<210> SEQ ID NO 3266
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3266

Glu Asp Glu Tyr His Ala Thr Thr Glu Thr Val
1 5 10

<210> SEQ ID NO 3267
<211> LENGTH: 11
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3267

Asp Glu Tyr His Ala Thr Thr Glu Thr Val Ile
1 5 10

<210> SEQ ID NO 3268

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3268

Glu Tyr His Ala Thr Thr Glu Thr Val Ile Ser
1 5 10

<210> SEQ ID NO 3269

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3269

Tyr His Ala Thr Thr Glu Thr Val Ile Ser Met
1 5 10

<210> SEQ ID NO 3270

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3270

His Ala Thr Thr Glu Thr Val Ile Ser Met Ala
1 5 10

<210> SEQ ID NO 3271

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3271

Ala Thr Thr Glu Thr Val Ile Ser Met Ala Gln
1 5 10

<210> SEQ ID NO 3272

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3272

Thr Thr Glu Thr Val Ile Ser Met Ala Gln Glu
1 5 10

<210> SEQ ID NO 3273

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3273

Thr Glu Thr Val Ile Ser Met Ala Gln Glu Thr
1 5 10

<210> SEQ ID NO 3274

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3274

Glu Thr Val Ile Ser Met Ala Gln Glu Thr Asp
1 5 10

<210> SEQ ID NO 3275

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3275

Thr Val Ile Ser Met Ala Gln Glu Thr Asp Pro
1 5 10

<210> SEQ ID NO 3276

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3276

Val Ile Ser Met Ala Gln Glu Thr Asp Pro Ala
1 5 10

<210> SEQ ID NO 3277

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3277

Ile Ser Met Ala Gln Glu Thr Asp Pro Ala Val
1 5 10

<210> SEQ ID NO 3278

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3278

Ser Met Ala Gln Glu Thr Asp Pro Ala Val Gln
1 5 10

<210> SEQ ID NO 3279

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3279

Met Ala Gln Glu Thr Asp Pro Ala Val Gln Thr
1 5 10

<210> SEQ ID NO 3280

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3280

Ala Gln Glu Thr Asp Pro Ala Val Gln Thr Asp
1 5 10

<210> SEQ ID NO 3281

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3281

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Gln Glu Thr Asp Pro Ala Val Gln Thr Asp Gly
1 5 10

<210> SEQ ID NO 3282
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3282

Glu Thr Asp Pro Ala Val Gln Thr Asp Gly Ser
1 5 10

<210> SEQ ID NO 3283
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3283

Thr Asp Pro Ala Val Gln Thr Asp Gly Ser Pro
1 5 10

<210> SEQ ID NO 3284
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3284

Asp Pro Ala Val Gln Thr Asp Gly Ser Pro Leu
1 5 10

<210> SEQ ID NO 3285
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3285

Pro Ala Val Gln Thr Asp Gly Ser Pro Leu Cys
1 5 10

<210> SEQ ID NO 3286
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3286

Ala Val Gln Thr Asp Gly Ser Pro Leu Cys Cys
1 5 10

<210> SEQ ID NO 3287
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3287

Val Gln Thr Asp Gly Ser Pro Leu Cys Cys His
1 5 10

<210> SEQ ID NO 3288
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3288

Gln Thr Asp Gly Ser Pro Leu Cys Cys His Phe
1 5 10

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<210> SEQ ID NO 3289
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3289

Thr Asp Gly Ser Pro Leu Cys Cys His Phe His
 1 5 10

<210> SEQ ID NO 3290
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3290

Asp Gly Ser Pro Leu Cys Cys His Phe His Phe
 1 5 10

<210> SEQ ID NO 3291
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3291

Gly Ser Pro Leu Cys Cys His Phe His Phe Ser
 1 5 10

<210> SEQ ID NO 3292
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3292

Ser Pro Leu Cys Cys His Phe His Phe Ser Pro
 1 5 10

<210> SEQ ID NO 3293
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3293

Pro Leu Cys Cys His Phe His Phe Ser Pro Lys
 1 5 10

<210> SEQ ID NO 3294
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3294

Leu Cys Cys His Phe His Phe Ser Pro Lys Val
 1 5 10

<210> SEQ ID NO 3295
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3295

Cys Cys His Phe His Phe Ser Pro Lys Val Met
 1 5 10

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<210> SEQ ID NO 3296

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3296

Cys His Phe His Phe Ser Pro Lys Val Met Phe
1 5 10

<210> SEQ ID NO 3297

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3297

His Phe His Phe Ser Pro Lys Val Met Phe Thr
1 5 10

<210> SEQ ID NO 3298

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3298

Phe His Phe Ser Pro Lys Val Met Phe Thr Lys
1 5 10

<210> SEQ ID NO 3299

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3299

His Phe Ser Pro Lys Val Met Phe Thr Lys Val
1 5 10

<210> SEQ ID NO 3300

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3300

Phe Ser Pro Lys Val Met Phe Thr Lys Val Leu
1 5 10

<210> SEQ ID NO 3301

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3301

Ser Pro Lys Val Met Phe Thr Lys Val Leu Lys
1 5 10

<210> SEQ ID NO 3302

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3302

Pro Lys Val Met Phe Thr Lys Val Leu Lys Ala
1 5 10

<210> SEQ ID NO 3303

<211> LENGTH: 11

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3303

Lys Val Met Phe Thr Lys Val Leu Lys Ala Gln
1 5 10

<210> SEQ ID NO 3304
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3304

Val Met Phe Thr Lys Val Leu Lys Ala Gln Leu
1 5 10

<210> SEQ ID NO 3305
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3305

Met Phe Thr Lys Val Leu Lys Ala Gln Leu Trp
1 5 10

<210> SEQ ID NO 3306
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3306

Phe Thr Lys Val Leu Lys Ala Gln Leu Trp Val
1 5 10

<210> SEQ ID NO 3307
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3307

Thr Lys Val Leu Lys Ala Gln Leu Trp Val Tyr
1 5 10

<210> SEQ ID NO 3308
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3308

Lys Val Leu Lys Ala Gln Leu Trp Val Tyr Leu
1 5 10

<210> SEQ ID NO 3309
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3309

Val Leu Lys Ala Gln Leu Trp Val Tyr Leu Arg
1 5 10

<210> SEQ ID NO 3310
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3310

Leu Lys Ala Gln Leu Trp Val Tyr Leu Arg Pro
 1 5 10

<210> SEQ ID NO 3311

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3311

Lys Ala Gln Leu Trp Val Tyr Leu Arg Pro Val
 1 5 10

<210> SEQ ID NO 3312

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3312

Ala Gln Leu Trp Val Tyr Leu Arg Pro Val Pro
 1 5 10

<210> SEQ ID NO 3313

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3313

Gln Leu Trp Val Tyr Leu Arg Pro Val Pro Arg
 1 5 10

<210> SEQ ID NO 3314

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3314

Leu Trp Val Tyr Leu Arg Pro Val Pro Arg Pro
 1 5 10

<210> SEQ ID NO 3315

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3315

Trp Val Tyr Leu Arg Pro Val Pro Arg Pro Ala
 1 5 10

<210> SEQ ID NO 3316

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3316

Val Tyr Leu Arg Pro Val Pro Arg Pro Ala Thr
 1 5 10

<210> SEQ ID NO 3317

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3317

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Tyr Leu Arg Pro Val Pro Arg Pro Ala Thr Val
 1 5 10

<210> SEQ ID NO 3318
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3318

Leu Arg Pro Val Pro Arg Pro Ala Thr Val Tyr
 1 5 10

<210> SEQ ID NO 3319
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3319

Arg Pro Val Pro Arg Pro Ala Thr Val Tyr Leu
 1 5 10

<210> SEQ ID NO 3320
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3320

Pro Val Pro Arg Pro Ala Thr Val Tyr Leu Gln
 1 5 10

<210> SEQ ID NO 3321
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3321

Val Pro Arg Pro Ala Thr Val Tyr Leu Gln Ile
 1 5 10

<210> SEQ ID NO 3322
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3322

Pro Arg Pro Ala Thr Val Tyr Leu Gln Ile Leu
 1 5 10

<210> SEQ ID NO 3323
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3323

Arg Pro Ala Thr Val Tyr Leu Gln Ile Leu Arg
 1 5 10

<210> SEQ ID NO 3324
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3324

Pro Ala Thr Val Tyr Leu Gln Ile Leu Arg Leu

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1 5 10

<210> SEQ ID NO 3325
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3325

Ala Thr Val Tyr Leu Gln Ile Leu Arg Leu Lys
 1 5 10

<210> SEQ ID NO 3326
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3326

Thr Val Tyr Leu Gln Ile Leu Arg Leu Lys Pro
 1 5 10

<210> SEQ ID NO 3327
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3327

Val Tyr Leu Gln Ile Leu Arg Leu Lys Pro Leu
 1 5 10

<210> SEQ ID NO 3328
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3328

Tyr Leu Gln Ile Leu Arg Leu Lys Pro Leu Thr
 1 5 10

<210> SEQ ID NO 3329
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3329

Leu Gln Ile Leu Arg Leu Lys Pro Leu Thr Gly
 1 5 10

<210> SEQ ID NO 3330
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3330

Gln Ile Leu Arg Leu Lys Pro Leu Thr Gly Glu
 1 5 10

<210> SEQ ID NO 3331
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3331

Ile Leu Arg Leu Lys Pro Leu Thr Gly Glu Gly
 1 5 10

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<210> SEQ ID NO 3332

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3332

Leu Arg Leu Lys Pro Leu Thr Gly Glu Gly Thr
1 5 10

<210> SEQ ID NO 3333

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3333

Arg Leu Lys Pro Leu Thr Gly Glu Gly Thr Ala
1 5 10

<210> SEQ ID NO 3334

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3334

Leu Lys Pro Leu Thr Gly Glu Gly Thr Ala Gly
1 5 10

<210> SEQ ID NO 3335

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3335

Lys Pro Leu Thr Gly Glu Gly Thr Ala Gly Gly
1 5 10

<210> SEQ ID NO 3336

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3336

Pro Leu Thr Gly Glu Gly Thr Ala Gly Gly Gly
1 5 10

<210> SEQ ID NO 3337

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3337

Leu Thr Gly Glu Gly Thr Ala Gly Gly Gly Gly
1 5 10

<210> SEQ ID NO 3338

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3338

Thr Gly Glu Gly Thr Ala Gly Gly Gly Gly
1 5 10

<210> SEQ ID NO 3339

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<211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3339

Gly Glu Gly Thr Ala Gly Gly Gly Gly Gly Gly
 1 5 10

<210> SEQ ID NO 3340
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3340

Glu Gly Thr Ala Gly Gly Gly Gly Gly Arg
 1 5 10

<210> SEQ ID NO 3341
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3341

Gly Thr Ala Gly Gly Gly Gly Gly Arg Arg
 1 5 10

<210> SEQ ID NO 3342
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3342

Thr Ala Gly Gly Gly Gly Gly Gly Arg Arg His
 1 5 10

<210> SEQ ID NO 3343
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3343

Ala Gly Gly Gly Gly Gly Gly Arg Arg His Ile
 1 5 10

<210> SEQ ID NO 3344
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3344

Gly Gly Gly Gly Gly Gly Arg Arg His Ile Arg
 1 5 10

<210> SEQ ID NO 3345
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3345

Gly Gly Gly Gly Gly Arg Arg His Ile Arg Ile
 1 5 10

<210> SEQ ID NO 3346
 <211> LENGTH: 11
 <212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3346

Gly Gly Gly Gly Arg Arg His Ile Arg Ile Arg
1 5 10

<210> SEQ ID NO 3347

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3347

Gly Gly Gly Arg Arg His Ile Arg Ile Arg Ser
1 5 10

<210> SEQ ID NO 3348

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3348

Gly Gly Arg Arg His Ile Arg Ile Arg Ser Leu
1 5 10

<210> SEQ ID NO 3349

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3349

Gly Arg Arg His Ile Arg Ile Arg Ser Leu Lys
1 5 10

<210> SEQ ID NO 3350

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3350

Arg Arg His Ile Arg Ile Arg Ser Leu Lys Ile
1 5 10

<210> SEQ ID NO 3351

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3351

Arg His Ile Arg Ile Arg Ser Leu Lys Ile Glu
1 5 10

<210> SEQ ID NO 3352

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3352

His Ile Arg Ile Arg Ser Leu Lys Ile Glu Leu
1 5 10

<210> SEQ ID NO 3353

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3353

Ile Arg Ile Arg Ser Leu Lys Ile Glu Leu His
1 5 10

<210> SEQ ID NO 3354

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3354

Arg Ile Arg Ser Leu Lys Ile Glu Leu His Ser
1 5 10

<210> SEQ ID NO 3355

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3355

Ile Arg Ser Leu Lys Ile Glu Leu His Ser Arg
1 5 10

<210> SEQ ID NO 3356

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3356

Arg Ser Leu Lys Ile Glu Leu His Ser Arg Ser
1 5 10

<210> SEQ ID NO 3357

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3357

Ser Leu Lys Ile Glu Leu His Ser Arg Ser Gly
1 5 10

<210> SEQ ID NO 3358

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3358

Leu Lys Ile Glu Leu His Ser Arg Ser Gly His
1 5 10

<210> SEQ ID NO 3359

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3359

Lys Ile Glu Leu His Ser Arg Ser Gly His Trp
1 5 10

<210> SEQ ID NO 3360

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3360

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Ile Glu Leu His Ser Arg Ser Gly His Trp Gln
1 5 10

<210> SEQ ID NO 3361
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3361

Glu Leu His Ser Arg Ser Gly His Trp Gln Ser
1 5 10

<210> SEQ ID NO 3362
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3362

Leu His Ser Arg Ser Gly His Trp Gln Ser Ile
1 5 10

<210> SEQ ID NO 3363
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3363

His Ser Arg Ser Gly His Trp Gln Ser Ile Asp
1 5 10

<210> SEQ ID NO 3364
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3364

Ser Arg Ser Gly His Trp Gln Ser Ile Asp Phe
1 5 10

<210> SEQ ID NO 3365
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3365

Arg Ser Gly His Trp Gln Ser Ile Asp Phe Lys
1 5 10

<210> SEQ ID NO 3366
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3366

Ser Gly His Trp Gln Ser Ile Asp Phe Lys Gln
1 5 10

<210> SEQ ID NO 3367
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3367

Gly His Trp Gln Ser Ile Asp Phe Lys Gln Val
1 5 10

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<210> SEQ ID NO 3368

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3368

His Trp Gln Ser Ile Asp Phe Lys Gln Val Leu
1 5 10

<210> SEQ ID NO 3369

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3369

Trp Gln Ser Ile Asp Phe Lys Gln Val Leu His
1 5 10

<210> SEQ ID NO 3370

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3370

Gln Ser Ile Asp Phe Lys Gln Val Leu His Ser
1 5 10

<210> SEQ ID NO 3371

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3371

Ser Ile Asp Phe Lys Gln Val Leu His Ser Trp
1 5 10

<210> SEQ ID NO 3372

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3372

Ile Asp Phe Lys Gln Val Leu His Ser Trp Phe
1 5 10

<210> SEQ ID NO 3373

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3373

Asp Phe Lys Gln Val Leu His Ser Trp Phe Arg
1 5 10

<210> SEQ ID NO 3374

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3374

Phe Lys Gln Val Leu His Ser Trp Phe Arg Gln
1 5 10

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<210> SEQ ID NO 3375

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3375

Lys Gln Val Leu His Ser Trp Phe Arg Gln Pro
1 5 10

<210> SEQ ID NO 3376

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3376

Gln Val Leu His Ser Trp Phe Arg Gln Pro Gln
1 5 10

<210> SEQ ID NO 3377

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3377

Val Leu His Ser Trp Phe Arg Gln Pro Gln Ser
1 5 10

<210> SEQ ID NO 3378

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3378

Leu His Ser Trp Phe Arg Gln Pro Gln Ser Asn
1 5 10

<210> SEQ ID NO 3379

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3379

His Ser Trp Phe Arg Gln Pro Gln Ser Asn Trp
1 5 10

<210> SEQ ID NO 3380

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3380

Ser Trp Phe Arg Gln Pro Gln Ser Asn Trp Gly
1 5 10

<210> SEQ ID NO 3381

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3381

Trp Phe Arg Gln Pro Gln Ser Asn Trp Gly Ile
1 5 10

<210> SEQ ID NO 3382

<211> LENGTH: 11

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3382

Phe Arg Gln Pro Gln Ser Asn Trp Gly Ile Glu
1 5 10

<210> SEQ ID NO 3383
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3383

Arg Gln Pro Gln Ser Asn Trp Gly Ile Glu Ile
1 5 10

<210> SEQ ID NO 3384
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3384

Gln Pro Gln Ser Asn Trp Gly Ile Glu Ile Asn
1 5 10

<210> SEQ ID NO 3385
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3385

Pro Gln Ser Asn Trp Gly Ile Glu Ile Asn Ala
1 5 10

<210> SEQ ID NO 3386
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3386

Gln Ser Asn Trp Gly Ile Glu Ile Asn Ala Phe
1 5 10

<210> SEQ ID NO 3387
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3387

Ser Asn Trp Gly Ile Glu Ile Asn Ala Phe Asp
1 5 10

<210> SEQ ID NO 3388
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3388

Asn Trp Gly Ile Glu Ile Asn Ala Phe Asp Pro
1 5 10

<210> SEQ ID NO 3389
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3389

Trp Gly Ile Glu Ile Asn Ala Phe Asp Pro Ser
 1 5 10

<210> SEQ ID NO 3390

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3390

Gly Ile Glu Ile Asn Ala Phe Asp Pro Ser Gly
 1 5 10

<210> SEQ ID NO 3391

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3391

Ile Glu Ile Asn Ala Phe Asp Pro Ser Gly Thr
 1 5 10

<210> SEQ ID NO 3392

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3392

Glu Ile Asn Ala Phe Asp Pro Ser Gly Thr Asp
 1 5 10

<210> SEQ ID NO 3393

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3393

Ile Asn Ala Phe Asp Pro Ser Gly Thr Asp Leu
 1 5 10

<210> SEQ ID NO 3394

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3394

Asn Ala Phe Asp Pro Ser Gly Thr Asp Leu Ala
 1 5 10

<210> SEQ ID NO 3395

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3395

Ala Phe Asp Pro Ser Gly Thr Asp Leu Ala Val
 1 5 10

<210> SEQ ID NO 3396

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3396

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Phe Asp Pro Ser Gly Thr Asp Leu Ala Val Thr
1 5 10

<210> SEQ ID NO 3397
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3397

Asp Pro Ser Gly Thr Asp Leu Ala Val Thr Ser
1 5 10

<210> SEQ ID NO 3398
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3398

Pro Ser Gly Thr Asp Leu Ala Val Thr Ser Leu
1 5 10

<210> SEQ ID NO 3399
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3399

Ser Gly Thr Asp Leu Ala Val Thr Ser Leu Gly
1 5 10

<210> SEQ ID NO 3400
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3400

Gly Thr Asp Leu Ala Val Thr Ser Leu Gly Pro
1 5 10

<210> SEQ ID NO 3401
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3401

Thr Asp Leu Ala Val Thr Ser Leu Gly Pro Gly
1 5 10

<210> SEQ ID NO 3402
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3402

Asp Leu Ala Val Thr Ser Leu Gly Pro Gly Ala
1 5 10

<210> SEQ ID NO 3403
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3403

Leu Ala Val Thr Ser Leu Gly Pro Gly Ala Glu

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1 5 10

<210> SEQ ID NO 3404
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3404

Ala Val Thr Ser Leu Gly Pro Gly Ala Glu Gly
 1 5 10

<210> SEQ ID NO 3405
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3405

Val Thr Ser Leu Gly Pro Gly Ala Glu Gly Leu
 1 5 10

<210> SEQ ID NO 3406
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3406

Thr Ser Leu Gly Pro Gly Ala Glu Gly Leu His
 1 5 10

<210> SEQ ID NO 3407
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3407

Ser Leu Gly Pro Gly Ala Glu Gly Leu His Pro
 1 5 10

<210> SEQ ID NO 3408
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3408

Leu Gly Pro Gly Ala Glu Gly Leu His Pro Phe
 1 5 10

<210> SEQ ID NO 3409
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3409

Gly Pro Gly Ala Glu Gly Leu His Pro Phe Met
 1 5 10

<210> SEQ ID NO 3410
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3410

Pro Gly Ala Glu Gly Leu His Pro Phe Met Glu
 1 5 10

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<210> SEQ ID NO 3411
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3411

Gly Ala Glu Gly Leu His Pro Phe Met Glu Leu
1 5 10

<210> SEQ ID NO 3412
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3412

Ala Glu Gly Leu His Pro Phe Met Glu Leu Arg
1 5 10

<210> SEQ ID NO 3413
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3413

Glu Gly Leu His Pro Phe Met Glu Leu Arg Val
1 5 10

<210> SEQ ID NO 3414
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3414

Gly Leu His Pro Phe Met Glu Leu Arg Val Leu
1 5 10

<210> SEQ ID NO 3415
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3415

Leu His Pro Phe Met Glu Leu Arg Val Leu Glu
1 5 10

<210> SEQ ID NO 3416
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3416

His Pro Phe Met Glu Leu Arg Val Leu Glu Asn
1 5 10

<210> SEQ ID NO 3417
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3417

Pro Phe Met Glu Leu Arg Val Leu Glu Asn Thr
1 5 10

<210> SEQ ID NO 3418

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<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3418

Phe Met Glu Leu Arg Val Leu Glu Asn Thr Lys
1 5 10

<210> SEQ ID NO 3419
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3419

Met Glu Leu Arg Val Leu Glu Asn Thr Lys Arg
1 5 10

<210> SEQ ID NO 3420
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3420

Glu Leu Arg Val Leu Glu Asn Thr Lys Arg Ser
1 5 10

<210> SEQ ID NO 3421
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3421

Leu Arg Val Leu Glu Asn Thr Lys Arg Ser Arg
1 5 10

<210> SEQ ID NO 3422
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3422

Arg Val Leu Glu Asn Thr Lys Arg Ser Arg Arg
1 5 10

<210> SEQ ID NO 3423
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3423

Val Leu Glu Asn Thr Lys Arg Ser Arg Arg Asn
1 5 10

<210> SEQ ID NO 3424
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3424

Leu Glu Asn Thr Lys Arg Ser Arg Arg Asn Leu
1 5 10

<210> SEQ ID NO 3425
<211> LENGTH: 11
<212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3425

Glu Asn Thr Lys Arg Ser Arg Arg Asn Leu Gly
1 5 10

<210> SEQ ID NO 3426

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3426

Asn Thr Lys Arg Ser Arg Arg Asn Leu Gly Leu
1 5 10

<210> SEQ ID NO 3427

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3427

Thr Lys Arg Ser Arg Arg Asn Leu Gly Leu Asp
1 5 10

<210> SEQ ID NO 3428

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3428

Lys Arg Ser Arg Arg Asn Leu Gly Leu Asp Cys
1 5 10

<210> SEQ ID NO 3429

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3429

Arg Ser Arg Arg Asn Leu Gly Leu Asp Cys Asp
1 5 10

<210> SEQ ID NO 3430

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3430

Ser Arg Arg Asn Leu Gly Leu Asp Cys Asp Glu
1 5 10

<210> SEQ ID NO 3431

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3431

Arg Arg Asn Leu Gly Leu Asp Cys Asp Glu His
1 5 10

<210> SEQ ID NO 3432

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3432

Arg Asn Leu Gly Leu Asp Cys Asp Glu His Ser
1 5 10

<210> SEQ ID NO 3433

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3433

Asn Leu Gly Leu Asp Cys Asp Glu His Ser Ser
1 5 10

<210> SEQ ID NO 3434

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3434

Leu Gly Leu Asp Cys Asp Glu His Ser Ser Glu
1 5 10

<210> SEQ ID NO 3435

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3435

Gly Leu Asp Cys Asp Glu His Ser Ser Glu Ser
1 5 10

<210> SEQ ID NO 3436

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3436

Leu Asp Cys Asp Glu His Ser Ser Glu Ser Arg
1 5 10

<210> SEQ ID NO 3437

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3437

Asp Cys Asp Glu His Ser Ser Glu Ser Arg Cys
1 5 10

<210> SEQ ID NO 3438

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3438

Cys Asp Glu His Ser Ser Glu Ser Arg Cys Cys
1 5 10

<210> SEQ ID NO 3439

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3439

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Asp Glu His Ser Ser Glu Ser Arg Cys Cys Arg
1 5 10

<210> SEQ ID NO 3440
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3440

Glu His Ser Ser Glu Ser Arg Cys Cys Arg Tyr
1 5 10

<210> SEQ ID NO 3441
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3441

His Ser Ser Glu Ser Arg Cys Cys Arg Tyr Pro
1 5 10

<210> SEQ ID NO 3442
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3442

Ser Ser Glu Ser Arg Cys Cys Arg Tyr Pro Leu
1 5 10

<210> SEQ ID NO 3443
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3443

Ser Glu Ser Arg Cys Cys Arg Tyr Pro Leu Thr
1 5 10

<210> SEQ ID NO 3444
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3444

Glu Ser Arg Cys Cys Arg Tyr Pro Leu Thr Val
1 5 10

<210> SEQ ID NO 3445
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3445

Ser Arg Cys Cys Arg Tyr Pro Leu Thr Val Asp
1 5 10

<210> SEQ ID NO 3446
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3446

Arg Cys Cys Arg Tyr Pro Leu Thr Val Asp Phe
1 5 10

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<210> SEQ ID NO 3454

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3454

Val Asp Phe Glu Ala Phe Gly Trp Asp Trp Ile
1 5 10

<210> SEQ ID NO 3455

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3455

Asp Phe Glu Ala Phe Gly Trp Asp Trp Ile Ile
1 5 10

<210> SEQ ID NO 3456

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3456

Phe Glu Ala Phe Gly Trp Asp Trp Ile Ile Ala
1 5 10

<210> SEQ ID NO 3457

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3457

Glu Ala Phe Gly Trp Asp Trp Ile Ile Ala Pro
1 5 10

<210> SEQ ID NO 3458

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3458

Ala Phe Gly Trp Asp Trp Ile Ile Ala Pro Lys
1 5 10

<210> SEQ ID NO 3459

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3459

Phe Gly Trp Asp Trp Ile Ile Ala Pro Lys Arg
1 5 10

<210> SEQ ID NO 3460

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3460

Gly Trp Asp Trp Ile Ile Ala Pro Lys Arg Tyr
1 5 10

<210> SEQ ID NO 3461

<211> LENGTH: 11

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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3461

Trp Asp Trp Ile Ile Ala Pro Lys Arg Tyr Lys
1 5 10

<210> SEQ ID NO 3462
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3462

Asp Trp Ile Ile Ala Pro Lys Arg Tyr Lys Ala
1 5 10

<210> SEQ ID NO 3463
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3463

Trp Ile Ile Ala Pro Lys Arg Tyr Lys Ala Asn
1 5 10

<210> SEQ ID NO 3464
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3464

Ile Ile Ala Pro Lys Arg Tyr Lys Ala Asn Tyr
1 5 10

<210> SEQ ID NO 3465
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3465

Ile Ala Pro Lys Arg Tyr Lys Ala Asn Tyr Cys
1 5 10

<210> SEQ ID NO 3466
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3466

Ala Pro Lys Arg Tyr Lys Ala Asn Tyr Cys Ser
1 5 10

<210> SEQ ID NO 3467
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3467

Pro Lys Arg Tyr Lys Ala Asn Tyr Cys Ser Gly
1 5 10

<210> SEQ ID NO 3468
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3468

Lys Arg Tyr Lys Ala Asn Tyr Cys Ser Gly Gln
 1 5 10

<210> SEQ ID NO 3469

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3469

Arg Tyr Lys Ala Asn Tyr Cys Ser Gly Gln Cys
 1 5 10

<210> SEQ ID NO 3470

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3470

Tyr Lys Ala Asn Tyr Cys Ser Gly Gln Cys Glu
 1 5 10

<210> SEQ ID NO 3471

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3471

Lys Ala Asn Tyr Cys Ser Gly Gln Cys Glu Tyr
 1 5 10

<210> SEQ ID NO 3472

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3472

Ala Asn Tyr Cys Ser Gly Gln Cys Glu Tyr Met
 1 5 10

<210> SEQ ID NO 3473

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3473

Asn Tyr Cys Ser Gly Gln Cys Glu Tyr Met Phe
 1 5 10

<210> SEQ ID NO 3474

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3474

Tyr Cys Ser Gly Gln Cys Glu Tyr Met Phe Met
 1 5 10

<210> SEQ ID NO 3475

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3475

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1 5 10

<210> SEQ ID NO 3483
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3483

Phe Met Gln Lys Tyr Pro His Thr His Leu Val
 1 5 10

<210> SEQ ID NO 3484
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3484

Met Gln Lys Tyr Pro His Thr His Leu Val Gln
 1 5 10

<210> SEQ ID NO 3485
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3485

Gln Lys Tyr Pro His Thr His Leu Val Gln Gln
 1 5 10

<210> SEQ ID NO 3486
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3486

Lys Tyr Pro His Thr His Leu Val Gln Gln Ala
 1 5 10

<210> SEQ ID NO 3487
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3487

Tyr Pro His Thr His Leu Val Gln Gln Ala Asn
 1 5 10

<210> SEQ ID NO 3488
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3488

Pro His Thr His Leu Val Gln Gln Ala Asn Pro
 1 5 10

<210> SEQ ID NO 3489
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3489

His Thr His Leu Val Gln Gln Ala Asn Pro Arg
 1 5 10

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<210> SEQ ID NO 3490

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3490

Thr His Leu Val Gln Gln Ala Asn Pro Arg Gly
1 5 10

<210> SEQ ID NO 3491

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3491

His Leu Val Gln Gln Ala Asn Pro Arg Gly Ser
1 5 10

<210> SEQ ID NO 3492

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3492

Leu Val Gln Gln Ala Asn Pro Arg Gly Ser Ala
1 5 10

<210> SEQ ID NO 3493

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3493

Val Gln Gln Ala Asn Pro Arg Gly Ser Ala Gly
1 5 10

<210> SEQ ID NO 3494

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3494

Gln Gln Ala Asn Pro Arg Gly Ser Ala Gly Pro
1 5 10

<210> SEQ ID NO 3495

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3495

Gln Ala Asn Pro Arg Gly Ser Ala Gly Pro Cys
1 5 10

<210> SEQ ID NO 3496

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3496

Ala Asn Pro Arg Gly Ser Ala Gly Pro Cys Cys
1 5 10

<210> SEQ ID NO 3497

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<211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3497

Asn Pro Arg Gly Ser Ala Gly Pro Cys Cys Thr
 1 5 10

<210> SEQ ID NO 3498
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3498

Pro Arg Gly Ser Ala Gly Pro Cys Cys Thr Pro
 1 5 10

<210> SEQ ID NO 3499
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3499

Arg Gly Ser Ala Gly Pro Cys Cys Thr Pro Thr
 1 5 10

<210> SEQ ID NO 3500
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3500

Gly Ser Ala Gly Pro Cys Cys Thr Pro Thr Lys
 1 5 10

<210> SEQ ID NO 3501
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3501

Ser Ala Gly Pro Cys Cys Thr Pro Thr Lys Met
 1 5 10

<210> SEQ ID NO 3502
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3502

Ala Gly Pro Cys Cys Thr Pro Thr Lys Met Ser
 1 5 10

<210> SEQ ID NO 3503
 <211> LENGTH: 11
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3503

Gly Pro Cys Cys Thr Pro Thr Lys Met Ser Pro
 1 5 10

<210> SEQ ID NO 3504
 <211> LENGTH: 11
 <212> TYPE: PRT

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<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3504

Pro Cys Cys Thr Pro Thr Lys Met Ser Pro Ile
1 5 10

<210> SEQ ID NO 3505

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3505

Cys Cys Thr Pro Thr Lys Met Ser Pro Ile Asn
1 5 10

<210> SEQ ID NO 3506

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3506

Cys Thr Pro Thr Lys Met Ser Pro Ile Asn Met
1 5 10

<210> SEQ ID NO 3507

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3507

Thr Pro Thr Lys Met Ser Pro Ile Asn Met Leu
1 5 10

<210> SEQ ID NO 3508

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3508

Pro Thr Lys Met Ser Pro Ile Asn Met Leu Tyr
1 5 10

<210> SEQ ID NO 3509

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3509

Thr Lys Met Ser Pro Ile Asn Met Leu Tyr Phe
1 5 10

<210> SEQ ID NO 3510

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3510

Lys Met Ser Pro Ile Asn Met Leu Tyr Phe Asn
1 5 10

<210> SEQ ID NO 3511

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

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<400> SEQUENCE: 3511

Met Ser Pro Ile Asn Met Leu Tyr Phe Asn Asp
1 5 10

<210> SEQ ID NO 3512

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3512

Ser Pro Ile Asn Met Leu Tyr Phe Asn Asp Lys
1 5 10

<210> SEQ ID NO 3513

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3513

Pro Ile Asn Met Leu Tyr Phe Asn Asp Lys Gln
1 5 10

<210> SEQ ID NO 3514

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3514

Ile Asn Met Leu Tyr Phe Asn Asp Lys Gln Gln
1 5 10

<210> SEQ ID NO 3515

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3515

Asn Met Leu Tyr Phe Asn Asp Lys Gln Gln Ile
1 5 10

<210> SEQ ID NO 3516

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3516

Met Leu Tyr Phe Asn Asp Lys Gln Gln Ile Ile
1 5 10

<210> SEQ ID NO 3517

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3517

Leu Tyr Phe Asn Asp Lys Gln Gln Ile Ile Tyr
1 5 10

<210> SEQ ID NO 3518

<211> LENGTH: 11

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3518

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Tyr Phe Asn Asp Lys Gln Gln Ile Ile Tyr Gly
1 5 10

<210> SEQ ID NO 3519
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3519

Phe Asn Asp Lys Gln Gln Ile Ile Tyr Gly Lys
1 5 10

<210> SEQ ID NO 3520
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3520

Asn Asp Lys Gln Gln Ile Ile Tyr Gly Lys Ile
1 5 10

<210> SEQ ID NO 3521
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3521

Asp Lys Gln Gln Ile Ile Tyr Gly Lys Ile Pro
1 5 10

<210> SEQ ID NO 3522
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3522

Lys Gln Gln Ile Ile Tyr Gly Lys Ile Pro Gly
1 5 10

<210> SEQ ID NO 3523
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3523

Gln Gln Ile Ile Tyr Gly Lys Ile Pro Gly Met
1 5 10

<210> SEQ ID NO 3524
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3524

Gln Ile Ile Tyr Gly Lys Ile Pro Gly Met Val
1 5 10

<210> SEQ ID NO 3525
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3525

Ile Ile Tyr Gly Lys Ile Pro Gly Met Val Val
1 5 10

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<210> SEQ ID NO 3526
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3526

Ile Tyr Gly Lys Ile Pro Gly Met Val Val Asp
1 5 10

<210> SEQ ID NO 3527
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3527

Tyr Gly Lys Ile Pro Gly Met Val Val Asp Arg
1 5 10

<210> SEQ ID NO 3528
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3528

Gly Lys Ile Pro Gly Met Val Val Asp Arg Cys
1 5 10

<210> SEQ ID NO 3529
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3529

Lys Ile Pro Gly Met Val Val Asp Arg Cys Gly
1 5 10

<210> SEQ ID NO 3530
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3530

Ile Pro Gly Met Val Val Asp Arg Cys Gly Cys
1 5 10

<210> SEQ ID NO 3531
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3531

Pro Gly Met Val Val Asp Arg Cys Gly Cys Ser
1 5 10

The invention claimed is:

1. A method for diminishing the appearance of dermatological signs of aging comprising topically applying to the skin in need thereof a composition comprising, in a topically acceptable vehicle, an active agent comprising a GDF-11 peptide fragment consisting of the sequence LRLK (SEQ ID NO: 453), MVV (SEQ ID NO: 369), or QILSKLRL (SEQ ID NO: 2028), and/or C₁₋₂₄ aliphatic derivatives thereof. 5

2. The method according to claim 1, wherein said dermatological signs of aging include fine lines and/or wrinkles. 10

3. The method according to claim 1, wherein said active agent increases collagen production in skin.

4. The method according to claim 1, wherein said active agent increases hyaluronic acid production in skin. 15

5. The method according to claim 1, wherein said composition is applied at least once daily for at least eight weeks.

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