

SEQUENCE LISTING

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<110>  Nordic Bioscience A/s

<120>  Biochemical Markers for CVD Risk Assessment
<130>  P15861WO
<150>  GB 0721713.6
<151>  2007-11-05
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<151>  2007-11-20
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<151>  2008-02-15
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<170>  PatentIn version 3.5
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<211>  3396
<212>  PRT
<213>  Homo sapiens
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Pro	Thr	Glu	Asn	Ile	Ile	Ile	Asp	Leu	Asp	Lys	Glu	Asp	Lys	Asp
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2555						2560					2565			
Glu	Leu	Thr	Ser	Asp	Lys	Asn	Thr	Ile	Ile	Asp	Ile	Asp	His	Thr
2570						2575					2580			
Lys	Pro	Val	Tyr	Glu	Asp	Ile	Leu	Gly	Met	Gln	Thr	Asp	Ile	Asp
2585						2590					2595			
Thr	Glu	Val	Pro	Ser	Glu	Pro	His	Asp	Ser	Asn	Asp	Glu	Ser	Asn
2600						2605					2610			
Asp	Asp	Ser	Thr	Gln	Val	Gln	Glu	Ile	Tyr	Glu	Ala	Ala	Val	Asn
2615						2620					2625			
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Ala	Ser	Tyr	Thr	Gln	Ala	Thr	His	Asp	Glu	Ser	Met	Thr	Tyr	Glu
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2660						2665					2670			
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2675						2680					2685			
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Met	Phe	Glu	Ser	Ser	Thr	Leu	Ser	Asp	Gly	Gln	Ala	Ile	Ala	Asp
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Glu	Phe	Ser	Ser	Gly	Ala	Glu	Glu	Ala	Leu	Val	Asp	His	Thr	Pro
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Tyr	Leu	Ser	Ile	Ala	Thr	Thr	His	Leu	Met	Asp	Gln	Ser	Val	Thr
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2795						2800					2805			
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Gly	His	Thr	Glu	Ile	Pro	Gln	Pro	Ser	Ala	Leu	Pro	Gly	Ile	Asp
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Val	Gly	Ser	Ser	Val	Met	Ser	Pro	Gln	Asp	Ser	Phe	Lys	Glu	Ile
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Ala	Ile	Lys	Met	Phe	Pro	Thr	Ile	Lys	Thr	Pro	Glu	Ala	Gly	Thr
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Val	Glu	Phe	Asn	Thr	Glu	Val	Ala	Thr	Pro	Pro	Phe	Ser	Leu	Leu	
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Ser	Val	Glu	Gly	Thr	Ala	Ile	Tyr	Leu	Pro	Gly	Pro	Asp	Arg	Cys	
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Lys	Met	Asn	Pro	Cys	Leu	Asn	Gly	Gly	Thr	Cys	Tyr	Pro	Thr	Glu	
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Thr	Ser	Tyr	Val	Cys	Thr	Cys	Val	Pro	Gly	Tyr	Ser	Gly	Asp	Gln	
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Cys	Glu	Leu	Asp	Phe	Asp	Glu	Cys	His	Ser	Asn	Pro	Cys	Arg	Asn	
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Leu	Pro	Ser	Tyr	Val	Gly	Ala	Leu	Cys	Glu	Gln	Asp	Thr	Glu	Thr	
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Cys	Asp	Tyr	Gly	Trp	His	Lys	Phe	Gln	Gly	Gln	Cys	Tyr	Lys	Tyr	
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Phe	Ala	His	Arg	Arg	Thr	Trp	Asp	Ala	Ala	Glu	Arg	Glu	Cys	Arg	
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Ser	Leu	Ile	Arg	Tyr	His	Cys	Lys	Asp	Gly	Phe	Ile	Gln	Arg	His	
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 3335 3340 3345
 Lys Ile Thr Cys Met Asn Pro Ser Ala Tyr Gln Arg Thr Tyr Ser
 3350 3355 3360
 Met Lys Tyr Phe Lys Asn Ser Ser Ser Ala Lys Asp Asn Ser Ile
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 Asn Thr Ser Lys His Asp His Arg Trp Ser Arg Arg Trp Gln Glu
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 Ser Arg Arg
 3395
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 35 40 45
 Ser Ala Met Tyr Cys Asp Glu Leu Lys Leu Lys Ser Val Pro Met Val
 50 55 60
 Pro Pro Gly Ile Lys Tyr Leu Tyr Leu Arg Asn Asn Gln Ile Asp His
 65 70 75 80
 Ile Asp Glu Lys Ala Phe Glu Asn Val Thr Asp Leu Gln Trp Leu Ile
 85 90 95
 Leu Asp His Asn Leu Leu Glu Asn Ser Lys Ile Lys Gly Arg Val Phe
 100 105 110
 Ser Lys Leu Lys Gln Leu Lys Lys Leu His Ile Asn His Asn Asn Leu
 115 120 125
 Thr Glu Ser Val Gly Pro Leu Pro Lys Ser Leu Glu Asp Leu Gln Leu
 130 135 140
 Thr His Asn Lys Ile Thr Lys Leu Gly Ser Phe Glu Gly Leu Val Asn
 145 150 155 160
 Leu Thr Phe Ile His Leu Gln His Asn Arg Leu Lys Glu Asp Ala Val
 165 170 175
 Ser Ala Ala Phe Lys Gly Leu Lys Ser Leu Glu Tyr Leu Asp Leu Ser
 180 185 190
 Phe Asn Gln Ile Ala Arg Leu Pro Ser Gly Leu Pro Val Ser Leu Leu
 195 200 205
 Thr Leu Tyr Leu Asp Asn Asn Lys Ile Ser Asn Ile Pro Asp Glu Tyr

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Phe 225	Lys Arg Phe Asn 230	Ala Leu Gln Tyr Leu Arg 235	Leu Ser His Asn 240	Glu
Leu	Ala Asp Ser Gly 245	Ile Pro Gly Asn 250	Phe Asn Val Ser 255	Leu
Val	Glu Leu Asp 260	Leu Ser Tyr Asn 265	Lys Asn Ile Pro 270	Thr Val
Asn	Glu Asn 275	Leu Glu Asn Tyr 280	Tyr Leu Glu Val Asn 285	Gln Leu Glu Lys
Phe 290	Asp Ile Lys Ser Phe 295	Cys Lys Ile Leu Gly 300	Pro Leu Ser Tyr Ser	
Lys 305	Ile Lys His Leu Arg 310	Leu Asp Gly Asn Arg 315	Ile Ser Glu Thr Ser	
Leu	Pro Pro Asp Met 325	Tyr Glu Cys Leu Arg 330	Val Ala Asn Glu Val 335	Thr

Leu Asn

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Ser	Leu Pro Glu Asp 35	Ile Glu Thr Val 40	Thr Ala Ser Gln Met 45	Arg Trp
Thr 50	His Ser Tyr Leu Ser 55	Asp Asp Glu Asp Met 60	Leu Ala Asp Ser Ile	
Ser 65	Gly Asp Asp Leu Gly 70	Ser Gly Asp Leu Gly 75	Ser Gly Asp Phe 80	Gln
Met	Val Tyr Phe Arg 85	Ala Leu Val Asn Phe 90	Thr Arg Ser Ile Glu 95	Tyr
Ser	Pro Gln Leu Glu 100	Asp Ala Gly Ser Arg 105	Glu Phe Arg Glu Val 110	Ser
Glu	Ala Val Val Asp 115	Thr Leu Glu Ser Glu Tyr 120	Leu Lys Ile Pro Gly	
Asp	Gln Val Val Ser 130	Val Val Phe Ile Lys 135	Glu Leu Asp Gly Trp 140	Val
Phe 145	Val Glu Leu Asp 150	Gly Ser Glu Gly Asn 155	Ala Asp Gly Ala Gln	

Ile Gln Glu Met Leu Leu Arg Val Ile Ser Ser Gly Ser Val Ala Ser
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 Tyr Val Thr Ser Pro Gln Gly Phe Gln Phe Arg Arg Leu Gly Thr Val
 180 185 190
 Pro Gln Phe Pro Arg Ala Cys Thr Glu Ala Glu Phe Ala Cys His Ser
 195 200 205
 Tyr Asn Glu Cys Val Ala Leu Glu Tyr Arg Cys Asp Arg Arg Pro Asp
 210 215 220
 Cys Arg Asp Met Ser Asp Glu Leu Asn Cys Glu Glu Pro Val Leu Gly
 225 230 235 240
 Ile Ser Pro Thr Phe Ser Leu Leu Val Glu Thr Thr Ser Leu Pro Pro
 245 250 255
 Arg Pro Glu Thr Thr Ile Met Arg Gln Pro Pro Val Thr His Ala Pro
 260 265 270
 Gln Pro Leu Leu Pro Gly Ser Val Arg Pro Leu Pro Cys Gly Pro Gln
 275 280 285
 Glu Ala Ala Cys Arg Asn Gly His Cys Ile Pro Arg Asp Tyr Leu Cys
 290 295 300
 Asp Gly Gln Glu Asp Cys Glu Asp Gly Ser Asp Glu Leu Asp Cys Gly
 305 310 315 320
 Pro Pro Pro Pro Cys Glu Pro Asn Glu Phe Pro Cys Gly Asn Gly His
 325 330 335
 Cys Ala Leu Lys Leu Trp Arg Cys Asp Gly Asp Phe Asp Cys Glu Asp
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 Arg Thr Asp Glu Ala Asn Cys Pro Thr Lys Arg Pro Glu Glu Val Cys
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 Gly Pro Thr Gln Phe Arg Cys Val Ser Thr Asn Met Cys Ile Pro Ala
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 Ser Phe His Cys Asp Glu Glu Ser Asp Cys Pro Asp Arg Ser Asp Glu
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 Phe Gly Cys Met Pro Pro Gln Val Val Thr Pro Pro Arg Glu Ser Ile
 405 410 415
 Gln Ala Ser Arg Gly Gln Thr Val Thr Phe Thr Cys Val Ala Ile Gly
 420 425 430
 Val Pro Thr Pro Ile Ile Asn Trp Arg Leu Asn Trp Gly His Ile Pro
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 Ser His Pro Arg Val Thr Val Thr Ser Glu Gly Gly Arg Gly Thr Leu
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 Ile Ile Arg Asp Val Lys Glu Ser Asp Gln Gly Ala Tyr Thr Cys Glu
 465 470 475 480
 Ala Met Asn Ala Arg Gly Met Val Phe Gly Ile Pro Asp Gly Val Leu

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Glu	Leu	Val	Pro	Gln	Arg	Gly	Pro	Cys	Pro	Asp	Gly	His	Phe	Tyr	Leu
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Glu	His	Ser	Ala	Ala	Cys	Leu	Pro	Cys	Phe	Cys	Phe	Gly	Ile	Thr	Ser
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Val	Cys	Gln	Ser	Thr	Arg	Arg	Phe	Arg	Asp	Gln	Ile	Arg	Leu	Arg	Phe
	530					535					540				
Asp	Gln	Pro	Asp	Asp	Phe	Lys	Gly	Val	Asn	Val	Thr	Met	Pro	Ala	Gln
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Pro	Gly	Thr	Pro	Pro	Leu	Ser	Ser	Thr	Gln	Leu	Gln	Ile	Asp	Pro	Ser
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Leu	His	Glu	Phe	Gln	Leu	Val	Asp	Leu	Ser	Arg	Arg	Phe	Leu	Val	His
			580					585					590		
Asp	Ser	Phe	Trp	Ala	Leu	Pro	Glu	Gln	Phe	Leu	Gly	Asn	Lys	Val	Asp
		595					600					605			
Ser	Tyr	Gly	Gly	Ser	Leu	Arg	Tyr	Asn	Val	Arg	Tyr	Glu	Leu	Ala	Arg
	610					615					620				
Gly	Met	Leu	Glu	Pro	Val	Gln	Arg	Pro	Asp	Val	Val	Leu	Val	Gly	Ala
625					630					635					640
Gly	Tyr	Arg	Leu	Leu	Ser	Arg	Gly	His	Thr	Pro	Thr	Gln	Pro	Gly	Ala
				645					650					655	
Leu	Asn	Gln	Arg	Gln	Val	Gln	Phe	Ser	Glu	Glu	His	Trp	Val	His	Glu
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Ser	Gly	Arg	Pro	Val	Gln	Arg	Ala	Glu	Leu	Leu	Gln	Val	Leu	Gln	Ser
		675					680					685			
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	690					695					700				
Val	Gly	Leu	Ser	Asp	Ile	Ala	Met	Asp	Thr	Thr	Val	Thr	His	Ala	Thr
705					710					715					720
Ser	His	Gly	Arg	Ala	His	Ser	Val	Glu	Glu	Cys	Arg	Cys	Pro	Ile	Gly
				725					730					735	
Tyr	Ser	Gly	Leu	Ser	Cys	Glu	Ser	Cys	Asp	Ala	His	Phe	Thr	Arg	Val
			740					745					750		
Pro	Gly	Gly	Pro	Tyr	Leu	Gly	Thr	Cys	Ser	Gly	Cys	Ser	Cys	Asn	Gly
		755					760					765			
His	Ala	Ser	Ser	Cys	Asp	Pro	Val	Tyr	Gly	His	Cys	Leu	Asn	Cys	Gln
	770					775					780				
His	Asn	Thr	Glu	Gly	Pro	Gln	Cys	Asn	Lys	Cys	Lys	Ala	Gly	Phe	Phe
785					790					795					800
Gly	Asp	Ala	Met	Lys	Ala	Thr	Ala	Thr	Ser	Cys	Arg	Pro	Cys	Pro	Cys
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Pro Tyr Ile Asp Ala Ser Arg Arg Phe Ser Asp Thr Cys Phe Leu Asp
 820 825 830
 Thr Asp Gly Gln Ala Thr Cys Asp Ala Cys Ala Pro Gly Tyr Thr Gly
 835 840 845
 Arg Arg Cys Glu Ser Cys Ala Pro Gly Tyr Glu Gly Asn Pro Ile Gln
 850 855 860
 Pro Gly Gly Lys Cys Arg Pro Val Asn Gln Glu Ile Val Arg Cys Asp
 865 870 875 880
 Glu Arg Gly Ser Met Gly Thr Ser Gly Glu Ala Cys Arg Cys Lys Asn
 885 890 895
 Asn Val Val Gly Arg Leu Cys Asn Glu Cys Ala Asp Gly Ser Phe His
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 Leu Ser Thr Arg Asn Pro Asp Gly Cys Leu Lys Cys Phe Cys Met Gly
 915 920 925
 Val Ser Arg His Cys Thr Ser Ser Ser Trp Ser Arg Ala Gln Leu His
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 Gly Ala Ser Glu Glu Pro Gly His Phe Ser Leu Thr Asn Ala Ala Ser
 945 950 955 960
 Thr His Thr Thr Asn Glu Gly Ile Phe Ser Pro Thr Pro Gly Glu Leu
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 Gly Phe Ser Ser Phe His Arg Leu Leu Ser Gly Pro Tyr Phe Trp Ser
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 Leu Pro Ser Arg Phe Leu Gly Asp Lys Val Thr Ser Tyr Gly Gly Glu
 995 1000 1005
 Leu Arg Phe Thr Val Thr Gln Arg Ser Gln Pro Gly Ser Thr Pro
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 Leu His Gly Gln Pro Leu Val Val Leu Gln Gly Asn Asn Ile Ile
 1025 1030 1035
 Leu Glu His His Val Ala Gln Glu Pro Ser Pro Gly Gln Pro Ser
 1040 1045 1050
 Thr Phe Ile Val Pro Phe Arg Glu Gln Ala Trp Gln Arg Pro Asp
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 Gly Gln Pro Ala Thr Arg Glu His Leu Leu Met Ala Leu Ala Gly
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 Ile Asp Thr Leu Leu Ile Arg Ala Ser Tyr Ala Gln Gln Pro Ala
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 Glu Ser Arg Val Ser Gly Ile Ser Met Asp Val Ala Val Pro Glu
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 Glu Thr Gly Gln Asp Pro Ala Leu Glu Val Glu Gln Cys Ser Cys
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Tyr	Thr	Arg	Thr	Pro	Ser	Gly	Leu	Tyr	Leu	Gly	Thr	Cys	Glu	Arg
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Cys	Ser	Cys	His	Gly	His	Ser	Glu	Ala	Cys	Glu	Pro	Glu	Thr	Gly
	1160					1165					1170			
Ala	Cys	Gln	Gly	Cys	Gln	His	His	Thr	Glu	Gly	Pro	Arg	Cys	Glu
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Gln	Cys	Gln	Pro	Gly	Tyr	Tyr	Gly	Asp	Ala	Gln	Arg	Gly	Thr	Pro
	1190					1195					1200			
Gln	Asp	Cys	Gln	Leu	Cys	Pro	Cys	Tyr	Gly	Asp	Pro	Ala	Ala	Gly
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Cys	Asp	Ala	Cys	Ser	Pro	Gly	His	Ser	Gly	Arg	His	Cys	Glu	Arg
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Cys	Ala	Pro	Gly	Tyr	Tyr	Gly	Asn	Pro	Ser	Gln	Gly	Gln	Pro	Cys
	1250					1255					1260			
Gln	Arg	Asp	Ser	Gln	Val	Pro	Gly	Pro	Ile	Gly	Cys	Asn	Cys	Asp
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	1295					1300					1305			
Pro	His	His	Phe	His	Leu	Ser	Ala	Ser	Asn	Pro	Asp	Gly	Cys	Leu
	1310					1315					1320			
Pro	Cys	Phe	Cys	Met	Gly	Ile	Thr	Gln	Gln	Cys	Ala	Ser	Ser	Ala
	1325					1330					1335			
Tyr	Thr	Arg	His	Leu	Ile	Ser	Thr	His	Phe	Ala	Pro	Gly	Asp	Phe
	1340					1345					1350			
Gln	Gly	Phe	Ala	Leu	Val	Asn	Pro	Gln	Arg	Asn	Ser	Arg	Leu	Thr
	1355					1360					1365			
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Phe	Gly	Asn	Phe	Ala	Gln	Leu	Gly	His	Glu	Ser	Phe	Tyr	Trp	Gln
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Leu Val Ala Ser Gln Pro	Ala Leu Gln Gly Pro	Glu Arg Arg Ser		
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Tyr Glu Ile Met Phe Arg	Glu Glu Phe Trp Arg	Arg Pro Asp Gly		
1460	1465	1470		
Gln Pro Ala Thr Arg Glu	His Leu Leu Met Ala	Leu Ala Asp Leu		
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Asp Glu Leu Leu Ile Arg	Ala Thr Phe Ser Ser	Val Pro Leu Val		
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Ala Ser Ile Ser Ala Val	Ser Leu Glu Val Ala	Gln Pro Gly Pro		
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Ser Asn Arg Pro Arg Ala	Leu Glu Val Glu Glu	Cys Arg Cys Pro		
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Pro Gly Tyr Ile Gly Leu	Ser Cys Gln Asp Cys	Ala Pro Gly Tyr		
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Thr Arg Thr Gly Ser Gly	Leu Tyr Leu Gly His	Cys Glu Leu Cys		
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Cys Ser Gln Cys Gln His	Asn Ala Ala Gly Glu	Phe Cys Glu Leu		
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Cys Ala Pro Gly Tyr Tyr	Gly Asp Ala Thr Ala	Gly Thr Pro Glu		
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Asp Cys Gln Pro Cys Ala	Cys Pro Leu Thr Asn	Pro Glu Asn Met		
1610	1615	1620		
Phe Ser Arg Thr Cys Glu	Ser Leu Gly Ala Gly	Gly Tyr Arg Cys		
1625	1630	1635		
Thr Ala Cys Glu Pro Gly	Tyr Thr Gly Gln Tyr	Cys Glu Gln Cys		
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Gly Pro Gly Tyr Val Gly	Asn Pro Ser Val Gln	Gly Gly Gln Cys		
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Leu Pro Glu Thr Asn Gln	Ala Pro Leu Val Val	Glu Val His Pro		
1670	1675	1680		
Ala Arg Ser Ile Val Pro	Gln Gly Gly Ser His	Ser Leu Arg Cys		
1685	1690	1695		
Gln Val Ser Gly Ser Pro	Pro His Tyr Phe Tyr	Trp Ser Arg Glu		
1700	1705	1710		
Asp Gly Arg Pro Val Pro	Ser Gly Thr Gln Gln	Arg His Gln Gly		
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Ser Glu Leu His Phe Pro	Ser Val Gln Pro Ser	Asp Ala Gly Val		
1730	1735	1740		

Tyr	Ile	Cys	Thr	Cys	Arg	Asn	Leu	His	Gln	Ser	Asn	Thr	Ser	Arg
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Ala	Glu	Leu	Leu	Val	Thr	Glu	Ala	Pro	Ser	Lys	Pro	Ile	Thr	Val
1760						1765					1770			
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1775						1780					1785			
Val	Thr	Phe	Ile	Cys	Thr	Ala	Lys	Ser	Lys	Ser	Pro	Ala	Tyr	Thr
1790						1795					1800			
Leu	Val	Trp	Thr	Arg	Leu	His	Asn	Gly	Lys	Leu	Pro	Thr	Arg	Ala
1805						1810					1815			
Met	Asp	Phe	Asn	Gly	Ile	Leu	Thr	Ile	Arg	Asn	Val	Gln	Leu	Ser
1820						1825					1830			
Asp	Ala	Gly	Thr	Tyr	Val	Cys	Thr	Gly	Ser	Asn	Met	Phe	Ala	Met
1835						1840					1845			
Asp	Gln	Gly	Thr	Ala	Thr	Leu	His	Val	Gln	Ala	Ser	Gly	Thr	Leu
1850						1855					1860			
Ser	Ala	Pro	Val	Val	Ser	Ile	His	Pro	Pro	Gln	Leu	Thr	Val	Gln
1865						1870					1875			
Pro	Gly	Gln	Leu	Ala	Glu	Phe	Arg	Cys	Ser	Ala	Thr	Gly	Ser	Pro
1880						1885					1890			
Thr	Pro	Thr	Leu	Glu	Trp	Thr	Gly	Gly	Pro	Gly	Gly	Gln	Leu	Pro
1895						1900					1905			
Ala	Lys	Ala	Gln	Ile	His	Gly	Gly	Ile	Leu	Arg	Leu	Pro	Ala	Val
1910						1915					1920			
Glu	Pro	Thr	Asp	Gln	Ala	Gln	Tyr	Leu	Cys	Arg	Ala	His	Ser	Ser
1925						1930					1935			
Ala	Gly	Gln	Gln	Val	Ala	Arg	Ala	Val	Leu	His	Val	His	Gly	Gly
1940						1945					1950			
Gly	Gly	Pro	Arg	Val	Gln	Val	Ser	Pro	Glu	Arg	Thr	Gln	Val	His
1955						1960					1965			
Ala	Gly	Arg	Thr	Val	Arg	Leu	Tyr	Cys	Arg	Ala	Ala	Gly	Val	Pro
1970						1975					1980			
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1985						1990					1995			
Gln	Ala	Arg	Ser	Glu	Arg	Thr	Asp	Ile	Ala	Thr	Leu	Leu	Ile	Pro
2000						2005					2010			
Ala	Ile	Thr	Thr	Ala	Asp	Ala	Gly	Phe	Tyr	Leu	Cys	Val	Ala	Thr
2015						2020					2025			
Ser	Pro	Ala	Gly	Thr	Ala	Gln	Ala	Arg	Ile	Gln	Val	Val	Val	Leu
2030						2035					2040			

Ser	Ala	Ser	Asp	Ala	Ser	Pro	Pro	Pro	Val	Lys	Ile	Glu	Ser	Ser
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Ser	Pro	Ser	Val	Thr	Glu	Gly	Gln	Thr	Leu	Asp	Leu	Asn	Cys	Val
2060						2065					2070			
Val	Ala	Gly	Ser	Ala	His	Ala	Gln	Val	Thr	Trp	Tyr	Arg	Arg	Gly
2075						2080					2085			
Gly	Ser	Leu	Pro	Pro	His	Thr	Gln	Val	His	Gly	Ser	Arg	Leu	Arg
2090						2095					2100			
Leu	Pro	Gln	Val	Ser	Pro	Ala	Asp	Ser	Gly	Glu	Tyr	Val	Cys	Arg
2105						2110					2115			
Val	Glu	Asn	Gly	Ser	Gly	Pro	Lys	Glu	Ala	Ser	Ile	Thr	Val	Ser
2120						2125					2130			
Val	Leu	His	Gly	Thr	His	Ser	Gly	Pro	Ser	Tyr	Thr	Pro	Val	Pro
2135						2140					2145			
Gly	Ser	Thr	Arg	Pro	Ile	Arg	Ile	Glu	Pro	Ser	Ser	Ser	His	Val
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Ala	Glu	Gly	Gln	Thr	Leu	Asp	Leu	Asn	Cys	Val	Val	Pro	Gly	Gln
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Ala	His	Ala	Gln	Val	Thr	Trp	His	Lys	Arg	Gly	Gly	Ser	Leu	Pro
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Ala	Arg	His	Gln	Thr	His	Gly	Ser	Leu	Leu	Arg	Leu	His	Gln	Val
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Thr	Pro	Ala	Asp	Ser	Gly	Glu	Tyr	Val	Cys	His	Val	Val	Gly	Thr
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2270						2275					2280			
Ser	Leu	Pro	Ala	Arg	His	Gln	Val	Arg	Gly	Ser	Arg	Leu	Tyr	Ile
2285						2290					2295			
Phe	Gln	Ala	Ser	Pro	Ala	Asp	Ala	Gly	Gln	Tyr	Val	Cys	Arg	Ala
2300						2305					2310			
Ser	Asn	Gly	Met	Glu	Ala	Ser	Ile	Thr	Val	Thr	Val	Thr	Gly	Thr
2315						2320					2325			
Gln	Gly	Ala	Asn	Leu	Ala	Tyr	Pro	Ala	Gly	Ser	Thr	Gln	Pro	Ile
2330						2335					2340			
Arg	Ile	Glu	Pro	Ser	Ser	Ser	Gln	Val	Ala	Glu	Gly	Gln	Thr	Leu

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Asp Leu Asn Cys Val Val	Pro Gly Gln Ser His	Ala Gln Val Thr		
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Trp His Lys Arg Gly Gly	Ser Leu Pro Val Arg	His Gln Thr His		
2375	2380	2385		
Gly Ser Leu Leu Arg Leu	Tyr Gln Ala Ser Pro	Ala Asp Ser Gly		
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Glu Tyr Val Cys Arg Val	Leu Gly Ser Ser Val	Pro Leu Glu Ala		
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Ser Val Leu Val Thr Ile	Glu Pro Ala Gly Ser	Val Pro Ala Leu		
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Gly Val Thr Pro Thr Val	Arg Ile Glu Ser Ser	Ser Ser Gln Val		
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Ala Glu Gly Gln Thr Leu	Asp Leu Asn Cys Leu	Val Ala Gly Gln		
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Ala His Ala Gln Val Thr	Trp His Lys Arg Gly	Gly Ser Leu Pro		
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Ala Arg His Gln Val His	Gly Ser Arg Leu Arg	Leu Leu Gln Val		
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Leu Ser Gly Ser His Ser	Gln Gly Val Ala Tyr	Pro Val Arg Ile		
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Glu Ser Ser Ser Ala Ser	Leu Ala Asn Gly His	Thr Leu Asp Leu		
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Asn Cys Leu Val Ala Ser	Gln Ala Pro His Thr	Ile Thr Trp Tyr		
2555	2560	2565		
Lys Arg Gly Gly Ser Leu	Pro Ser Arg His Gln	Ile Val Gly Ser		
2570	2575	2580		
Arg Leu Arg Ile Pro Gln	Val Thr Pro Ala Asp	Ser Gly Glu Tyr		
2585	2590	2595		
Val Cys His Val Ser Asn	Gly Ala Gly Ser Arg	Glu Thr Ser Leu		
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Ile Val Thr Ile Gln Gly	Ser Gly Ser Ser His	Val Pro Ser Val		
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Ser Pro Pro Ile Arg Ile	Glu Ser Ser Ser Pro	Thr Val Val Glu		
2630	2635	2640		
Gly Gln Thr Leu Asp Leu	Asn Cys Val Val Ala	Arg Gln Pro Gln		
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Ala	Ile	Ile	Thr	Trp	Tyr	Lys	Arg	Gly	Gly	Ser	Leu	Pro	Ser	Arg
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2690						2695					2700			
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2870						2875					2880			
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Tyr	Lys	Arg	Gly	Gly	Ser	Leu	Pro	Ala	Arg	His	Gln	Thr	His	Gly
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Ser	Gln	Leu	Arg	Leu	His	Leu	Val	Ser	Pro	Ala	Asp	Ser	Gly	Glu
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Tyr	Val	Cys	Arg	Ala	Ala	Ser	Gly	Pro	Gly	Pro	Glu	Gln	Glu	Ala
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Val	Pro	Glu	His	Ala	Ser	Val	Gln	Ala	Gly	Glu	Thr	Val	Gln	Leu	
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Arg	Val	Gly	Ser	Ser	Leu	Pro	Gly	Arg	Ala	Thr	Ala	Arg	Asn	Glu	
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Ile	Pro	Ala	Gly	Ser	Thr	Pro	Thr	Val	Gln	Val	Thr	Pro	Gln	Leu	
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Pro	Ser	Asp	Arg	Gly	Thr	Gln	Leu	Arg	Trp	Phe	Lys	Glu	Gly	Gly	
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Ala Tyr Phe His Asp Asp Gly Phe Leu Ala Phe Pro Gly His Val				
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Phe Ser Arg Ser Leu Pro Glu Val Pro Glu Thr Ile Glu Leu Glu				
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Val Arg Thr Ser Thr Ala Ser Gly Leu Leu Leu Trp Gln Gly Val				
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Glu Val Gly Glu Ala Gly Gln Gly Lys Asp Phe Ile Ser Leu Gly				
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Glu Ala Arg Leu Val Ser Glu Asp Pro Ile Asn Asp Gly Glu Trp				
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Val Ala Val Asn Ala Lys Gly Ser Val Tyr Ile Gly Gly Ala Pro				
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Gly Cys Val Lys Asn Leu Val Leu His Ser Ala Arg Pro Gly Ala				
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20	25	30		
Pro Phe Met Met Asn Asp Glu Glu Ala Ser Gly Ala Asp Thr Ser Gly				
35	40	45		
Val Leu Asp Pro Asp Ser Val Thr Pro Thr Tyr Ser Ala Met Cys Pro				
50	55	60		

Phe Gly Cys His Cys His Leu Arg Val Val Gln Cys Ser Asp Leu Gly
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Leu Lys Ser Val Pro Lys Glu Ile Ser Pro Asp Thr Thr Leu Leu Asp
85 90 95
Leu Gln Asn Asn Asp Ile Ser Glu Leu Arg Lys Asp Asp Phe Lys Gly
100 105 110
Leu Gln His Leu Tyr Ala Leu Val Leu Val Asn Asn Lys Ile Ser Lys
115 120 125
Ile His Glu Lys Ala Phe Ser Pro Leu Arg Lys Leu Gln Lys Leu Tyr
130 135 140
Ile Ser Lys Asn His Leu Val Glu Ile Pro Pro Asn Leu Pro Ser Ser
145 150 155 160
Leu Val Glu Leu Arg Ile His Asp Asn Arg Ile Arg Lys Val Pro Lys
165 170 175
Gly Val Phe Ser Gly Leu Arg Asn Met Asn Cys Ile Glu Met Gly Gly
180 185 190
Asn Pro Leu Glu Asn Ser Gly Phe Glu Pro Gly Ala Phe Asp Gly Leu
195 200 205
Lys Leu Asn Tyr Leu Arg Ile Ser Glu Ala Lys Leu Thr Gly Ile Pro
210 215 220
Lys Asp Leu Pro Glu Thr Leu Asn Glu Leu His Leu Asp His Asn Lys
225 230 235 240
Ile Gln Ala Ile Glu Leu Glu Asp Leu Leu Arg Tyr Ser Lys Leu Tyr
245 250 255
Arg Leu Gly Leu Gly His Asn Gln Ile Arg Met Ile Glu Asn Gly Ser
260 265 270
Leu Ser Phe Leu Pro Thr Leu Arg Glu Leu His Leu Asp Asn Asn Lys
275 280 285
Leu Ala Arg Val Pro Ser Gly Leu Pro Asp Leu Lys Leu Leu Gln Val
290 295 300
Val Tyr Leu His Ser Asn Asn Ile Thr Lys Val Gly Val Asn Asp Phe
305 310 315 320
Cys Pro Met Gly Phe Gly Val Lys Arg Ala Tyr Tyr Asn Gly Ile Ser
325 330 335
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 Ala Ser Gly Ile Gly Pro Glu Val Pro Asp Asp Arg Asp Phe Glu Pro
 35 40 45
 Ser Leu Gly Pro Val Cys Pro Phe Arg Cys Gln Cys His Leu Arg Val
 50 55 60
 Val Gln Cys Ser Asp Leu Gly Leu Asp Lys Val Pro Lys Asp Leu Pro
 65 70 75 80
 Pro Asp Thr Thr Leu Leu Asp Leu Gln Asn Asn Lys Ile Thr Glu Ile
 85 90 95
 Lys Asp Gly Asp Phe Lys Asn Leu Lys Asn Leu His Ala Leu Ile Leu
 100 105 110
 Val Asn Asn Lys Ile Ser Lys Val Ser Pro Gly Ala Phe Thr Pro Leu
 115 120 125
 Val Lys Leu Glu Arg Leu Tyr Leu Ser Lys Asn Gln Leu Lys Glu Leu
 130 135 140
 Pro Glu Lys Met Pro Lys Thr Leu Gln Glu Leu Arg Ala His Glu Asn
 145 150 155 160
 Glu Ile Thr Lys Val Arg Lys Val Thr Phe Asn Gly Leu Asn Gln Met
 165 170 175
 Ile Val Ile Glu Leu Gly Thr Asn Pro Leu Lys Ser Ser Gly Ile Glu
 180 185 190
 Asn Gly Ala Phe Gln Gly Met Lys Lys Leu Ser Tyr Ile Arg Ile Ala
 195 200 205
 Asp Thr Asn Ile Thr Ser Ile Pro Gln Gly Leu Pro Pro Ser Leu Thr
 210 215 220
 Glu Leu His Leu Asp Gly Asn Lys Ile Ser Arg Val Asp Ala Ala Ser
 225 230 235 240
 Leu Lys Gly Leu Asn Asn Leu Ala Lys Leu Gly Leu Ser Phe Asn Ser
 245 250 255
 Ile Ser Ala Val Asp Asn Gly Ser Leu Ala Asn Thr Pro His Leu Arg
 260 265 270
 Glu Leu His Leu Asp Asn Asn Lys Leu Thr Arg Val Pro Gly Gly Leu
 275 280 285
 Ala Glu His Lys Tyr Ile Gln Val Val Tyr Leu His Asn Asn Asn Ile
 290 295 300
 Ser Val Val Gly Ser Ser Asp Phe Cys Pro Pro Gly His Asn Thr Lys
 305 310 315 320

Lys Ala Ser Tyr Ser Gly Val Ser Leu Phe Ser Asn Pro Val Gln Tyr
325 330 335

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Ile Gln Leu Gly Asn Tyr Lys
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Pro Glu Thr Leu
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Leu Asp His Asn Lys Ile Gln Ala Ile Glu
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Glu Thr Leu Asn Glu Leu
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Asn Glu Leu

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Asp Phe

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Leu

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Phe Thr Pro Leu Val Lys Leu Glu Arg Leu
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Cys

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Ser Tyr

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Glu Thr

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Thr Leu Asn Glu
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Ala Ile Glu Leu Glu Asp Leu Leu Arg Tyr
 1 5 10

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Leu Lys Ser Val Pro Lys
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Gly Met Lys Lys Leu Ser
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Cys Asp Val Met Tyr Gly
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Ser	His	Leu	Gly	Gln	Ser	Tyr	Ala	Asp	Arg	Asp	Val	Trp	Lys	Pro	Glu				
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Pro	Cys	Gln	Ile	Cys	Val	Cys	Asp	Ser	Gly	Ser	Val	Leu	Cys	Asp	Asp				
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Ile	Ile	Cys	Asp	Asp	Gln	Glu	Leu	Asp	Cys	Pro	Asn	Pro	Glu	Ile	Pro				
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Phe	Gly	Glu	Cys	Cys	Ala	Val	Cys	Pro	Gln	Pro	Pro	Thr	Ala	Pro	Thr				
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Arg	Pro	Pro	Asn	Gly	Gln	Gly	Pro	Gln	Gly	Pro	Lys	Gly	Asp	Pro	Gly				
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Pro	Thr	Gly	Pro	Gln	Asn	Tyr	Ser	Pro	Gln	Tyr	Asp	Ser	Tyr	Asp	Val				
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Lys	Ser	Gly	Val	Ala	Val	Gly	Gly	Leu	Ala	Gly	Tyr	Pro	Gly	Pro	Ala				
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Ser	Pro	Gly	Ser	Pro	Gly	Tyr	Gln	Gly	Pro	Pro	Gly	Glu	Pro	Gly	Gln				
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Gly	Pro	Ala	Gly	Lys	Asp	Gly	Glu	Ser	Gly	Arg	Pro	Gly	Arg	Pro	Gly				
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Glu	Arg	Gly	Leu	Pro	Gly	Pro	Pro	Gly	Ile	Lys	Gly	Pro	Ala	Gly	Ile				
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Pro	Gly	Phe	Pro	Gly	Met	Lys	Gly	His	Arg	Gly	Phe	Asp	Gly	Arg	Asn				
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Gly	Glu	Lys	Gly	Glu	Thr	Gly	Ala	Pro	Gly	Leu	Lys	Gly	Glu	Asn	Gly				
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Leu	Pro	Gly	Glu	Asn	Gly	Ala	Pro	Gly	Pro	Met	Gly	Pro	Arg	Gly	Ala				
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Pro	Gly	Glu	Arg	Gly	Arg	Pro	Gly	Leu	Pro	Gly	Ala	Ala	Gly	Ala	Arg				
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Gly	Asn	Asp	Gly	Ala	Arg	Gly	Ser	Asp	Gly	Gln	Pro	Gly	Pro	Pro	Gly				
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Pro Pro Gly Thr Ala Gly Phe Pro Gly Ser Pro Gly Ala Lys Gly Glu
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 Val Gly Pro Ala Gly Ser Pro Gly Ser Asn Gly Ala Pro Gly Gln Arg
 355 360 365
 Gly Glu Pro Gly Pro Gln Gly His Ala Gly Ala Gln Gly Pro Pro Gly
 370 375 380
 Pro Pro Gly Ile Asn Gly Ser Pro Gly Gly Lys Gly Glu Met Gly Pro
 385 390 395 400
 Ala Gly Ile Pro Gly Ala Pro Gly Leu Met Gly Ala Arg Gly Pro Pro
 405 410 415
 Gly Pro Ala Gly Ala Asn Gly Ala Pro Gly Leu Arg Gly Gly Ala Gly
 420 425 430
 Glu Pro Gly Lys Asn Gly Ala Lys Gly Glu Pro Gly Pro Arg Gly Glu
 435 440 445
 Arg Gly Glu Ala Gly Ile Pro Gly Val Pro Gly Ala Lys Gly Glu Asp
 450 455 460
 Gly Lys Asp Gly Ser Pro Gly Glu Pro Gly Ala Asn Gly Leu Pro Gly
 465 470 475 480
 Ala Ala Gly Glu Arg Gly Ala Pro Gly Phe Arg Gly Pro Ala Gly Pro
 485 490 495
 Asn Gly Ile Pro Gly Glu Lys Gly Pro Ala Gly Glu Arg Gly Ala Pro
 500 505 510
 Gly Pro Ala Gly Pro Arg Gly Ala Ala Gly Glu Pro Gly Arg Asp Gly
 515 520 525
 Val Pro Gly Gly Pro Gly Met Arg Gly Met Pro Gly Ser Pro Gly Gly
 530 535 540
 Pro Gly Ser Asp Gly Lys Pro Gly Pro Pro Gly Ser Gln Gly Glu Ser
 545 550 555 560
 Gly Arg Pro Gly Pro Pro Gly Pro Ser Gly Pro Arg Gly Gln Pro Gly
 565 570 575
 Val Met Gly Phe Pro Gly Pro Lys Gly Asn Asp Gly Ala Pro Gly Lys
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 Asn Gly Glu Arg Gly Gly Pro Gly Gly Pro Gly Pro Gln Gly Pro Pro
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 Gly Lys Asn Gly Glu Thr Gly Pro Gln Gly Pro Pro Gly Pro Thr Gly
 610 615 620
 Pro Gly Gly Asp Lys Gly Asp Thr Gly Pro Pro Gly Pro Gln Gly Leu
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 Gln Gly Leu Pro Gly Thr Gly Gly Pro Pro Gly Glu Asn Gly Lys Pro
 645 650 655

Gly Glu Pro Gly Pro Lys Gly Asp Ala Gly Ala Pro Gly Ala Pro Gly
 660 665 670
 Gly Lys Gly Asp Ala Gly Ala Pro Gly Glu Arg Gly Pro Pro Gly Leu
 675 680 685
 Ala Gly Ala Pro Gly Leu Arg Gly Gly Ala Gly Pro Pro Gly Pro Glu
 690 695 700
 Gly Gly Lys Gly Ala Ala Gly Pro Pro Gly Pro Pro Gly Ala Ala Gly
 705 710 715 720
 Thr Pro Gly Leu Gln Gly Met Pro Gly Glu Arg Gly Gly Leu Gly Ser
 725 730 735
 Pro Gly Pro Lys Gly Asp Lys Gly Glu Pro Gly Gly Pro Gly Ala Asp
 740 745 750
 Gly Val Pro Gly Lys Asp Gly Pro Arg Gly Pro Thr Gly Pro Ile Gly
 755 760 765
 Pro Pro Gly Pro Ala Gly Gln Pro Gly Asp Lys Gly Glu Gly Gly Ala
 770 775 780
 Pro Gly Leu Pro Gly Ile Ala Gly Pro Arg Gly Ser Pro Gly Glu Arg
 785 790 795 800
 Gly Glu Thr Gly Pro Pro Gly Pro Ala Gly Phe Pro Gly Ala Pro Gly
 805 810 815
 Gln Asn Gly Glu Pro Gly Gly Lys Gly Glu Arg Gly Ala Pro Gly Glu
 820 825 830
 Lys Gly Glu Gly Gly Pro Pro Gly Val Ala Gly Pro Pro Gly Gly Ser
 835 840 845
 Gly Pro Ala Gly Pro Pro Gly Pro Gln Gly Val Lys Gly Glu Arg Gly
 850 855 860
 Ser Pro Gly Gly Pro Gly Ala Ala Gly Phe Pro Gly Ala Arg Gly Leu
 865 870 875 880
 Pro Gly Pro Pro Gly Ser Asn Gly Asn Pro Gly Pro Pro Gly Pro Ser
 885 890 895
 Gly Ser Pro Gly Lys Asp Gly Pro Pro Gly Pro Ala Gly Asn Thr Gly
 900 905 910
 Ala Pro Gly Ser Pro Gly Val Ser Gly Pro Lys Gly Asp Ala Gly Gln
 915 920 925
 Pro Gly Glu Lys Gly Ser Pro Gly Ala Gln Gly Pro Pro Gly Ala Pro
 930 935 940
 Gly Pro Leu Gly Ile Ala Gly Ile Thr Gly Ala Arg Gly Leu Ala Gly
 945 950 955 960
 Pro Pro Gly Met Pro Gly Pro Arg Gly Ser Pro Gly Pro Gln Gly Val
 965 970 975
 Lys Gly Glu Ser Gly Lys Pro Gly Ala Asn Gly Leu Ser Gly Glu Arg

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Cys Asn Met Glu Thr Gly Glu Thr Cys Ile Ser Ala Asn Pro Leu
1295 1300 1305

Asn Val Pro Arg Lys His Trp Trp Thr Asp Ser Ser Ala Glu Lys
1310 1315 1320

Lys His Val Trp Phe Gly Glu Ser Met Asp Gly Gly Phe Gln Phe
1325 1330 1335

Ser Tyr Gly Asn Pro Glu Leu Pro Glu Asp Val Leu Asp Val Gln
1340 1345 1350

Leu Ala Phe Leu Arg Leu Leu Ser Ser Arg Ala Ser Gln Asn Ile
1355 1360 1365

Thr Tyr His Cys Lys Asn Ser Ile Ala Tyr Met Asp Gln Ala Ser
1370 1375 1380

Gly Asn Val Lys Lys Ala Leu Lys Leu Met Gly Ser Asn Glu Gly
1385 1390 1395

Glu Phe Lys Ala Glu Gly Asn Ser Lys Phe Thr Tyr Thr Val Leu
1400 1405 1410

Glu Asp Gly Cys Thr Lys His Thr Gly Glu Trp Ser Lys Thr Val
1415 1420 1425

Phe Glu Tyr Arg Thr Arg Lys Ala Val Arg Leu Pro Ile Val Asp
1430 1435 1440

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Asp Val Gly Pro Val Cys Phe Leu
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Gly Pro Ala Gly
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Gly Ile Pro

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Pro Gln Gly Val
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Ile Pro Gly Phe Pro
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Arg Gly Ser Pro Gly Pro Gln Gly Val
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Pro Arg Gly Ser Pro Gly Pro Gln Gly Val
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Gly Val Lys Gly Glu Ser Gly Lys Pro Gly Ala Asn Gly Leu Ser Gly
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Glu Arg Gly Pro Pro Gly Pro Gln Gly Leu
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Glu Thr Gly Glu Arg Gly Ala Ala Gly Ile
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Pro Lys Gly Asp Ala Gly Gln Pro Gly Glu Lys Gly Ser Pro Gly Ala
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Gln Gly Pro Pro Gly Ala Pro Gly Pro Leu Gly Ile
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 Pro Arg Gly Ser Pro Gly Pro Gln Gly Val Lys
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 Ala Ala Gly Pro Pro Gly Pro Pro Gly Ala Ala Gly Thr Pro Gly Leu
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 Pro Gly Gly Lys Gly Asp Ala Gly Ala Pro Gly Glu Arg Gly Pro Pro
 35 40 45

Gly Leu
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Met Pro Gly Pro Arg Gly Ser Pro Gly Pro Gln Gly Val
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Ser Gly Pro Pro Gly Lys
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Pro Ser Gly Pro Pro Gly Lys
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Pro Ala Gly Gln Gln Gly Ala Ile Gly Ser Pro Gly Pro Ala Gly
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Gly Gly Pro Pro Gly Val Ala Gly Pro Pro Gly Gly Ser Gly Pro Ala
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Gly Pro Pro Gly
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Gln Gly Val

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Leu Ala Gly

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Pro Pro Gly Pro Pro Gly Thr Ser
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Gly Ser Pro Gly Pro Gln Gly Val
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Arg Gly Pro Pro Gly Pro Gln Gly Leu
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 Gly Val Lys Gly Glu Arg Gly Ser Pro Gly Gly Pro Gly Ala Ala Gly
 1 5 10 15

Phe Pro Gly Ala Arg Gly Leu Pro Gly Pro Pro Gly Ser Asn Gly Asn
 20 25 30

Pro Gly Pro Pro Gly Pro Ser Gly Ser Pro Gly Lys Asp Gly Pro Pro
 35 40 45

Gly Pro Ala Gly Asn
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<210> 197
 <211> 32
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 <213> Homo sapiens
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 Gly Ser Pro Gly Ala Gln Gly Pro Pro Gly Ala Pro Gly Pro Leu Gly
 1 5 10 15

Ile Ala Gly Ile Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro Gly Met
 20 25 30

<210> 198
 <211> 32
 <212> PRT
 <213> Homo sapiens
 <400> 198
 Arg Gly Ala Pro Gly Glu Lys Gly Glu Gly Gly Pro Pro Gly Val Ala
 1 5 10 15

Gly Pro Pro Gly Gly Ser Gly Pro Ala Gly Pro Pro Gly Pro Gln Gly
 20 25 30

<210> 199
 <211> 32

<212> PRT
 <213> Homo sapiens
 <400> 199
 Arg Gly Ala Pro Gly Glu Lys Gly Glu Gly Gly Pro Pro Gly Val Ala
 1 5 10 15

Gly Pro Pro Gly Gly Ser Gly Pro Ala Gly Pro Pro Gly Pro Gln Gly
 20 25 30

<210> 200
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 <213> Homo sapiens
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 Gly Ile Ala Gly Ile Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro Gly
 1 5 10 15

Met Pro Gly Pro Arg Gly Ser Pro Gly Pro Gln Gly Val
 20 25

<210> 201
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 Gly Ile Lys Gly Pro Ala Gly Ile Pro Gly Phe Pro Gly Met
 1 5 10

<210> 202
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 <213> Homo sapiens
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 Gly Gln Pro Gly Val Met Gly Phe Pro Gly Pro Lys Gly Asn
 1 5 10

<210> 203
 <211> 16
 <212> PRT
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 Gly Ile Lys Gly Pro Ala Gly Ile Pro Gly Phe Pro Gly Met Lys Gly
 1 5 10 15

<210> 204
 <211> 17
 <212> PRT
 <213> Homo sapiens
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 Gly Ile Lys Gly Pro Ala Gly Ile Pro Gly Phe Pro Gly Met Lys Gly
 1 5 10 15

His

<210> 205
 <211> 19
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 Ile Pro Gly Ala Pro Gly Leu Met Gly Ala Arg Gly Pro Pro Gly Pro

1 5 10 15

Ala Gly Ala

<210> 206
 <211> 19
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 <213> Homo sapiens
 <400> 206
 Gly Glu Arg Gly Leu Pro Gly Pro Pro Gly Ile Lys Gly Pro Ala Gly
 1 5 10 15

Ile Pro Gly

<210> 207
 <211> 20
 <212> PRT
 <213> Homo sapiens
 <400> 207
 Gly Ile Pro Gly Ala Pro Gly Leu Met Gly Ala Arg Gly Pro Pro Gly
 1 5 10 15

Pro Ala Gly Ala
 20

<210> 208
 <211> 20
 <212> PRT
 <213> Homo sapiens
 <400> 208
 Gly Phe Arg Gly Pro Ala Gly Pro Asn Gly Ile Pro Gly Glu Lys Gly
 1 5 10 15

Pro Ala Gly Glu
 20

<210> 209
 <211> 20
 <212> PRT
 <213> Homo sapiens
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 Pro Gly Ile Pro Gly Gln Pro Gly Ser Pro Gly Ser Pro Gly Pro Pro
 1 5 10 15

Gly Ile Cys Glu
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<210> 210
 <211> 21
 <212> PRT
 <213> Homo sapiens
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 Gly Glu Arg Gly Leu Pro Gly Pro Pro Gly Ile Lys Gly Pro Ala Gly
 1 5 10 15

Ile Pro Gly Phe Pro
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<210> 211

<211> 23
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 <213> Homo sapiens
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 Ala Val Gly Gly Leu Ala Gly Tyr Pro Gly Pro Ala Gly Pro Pro Gly
 1 5 10 15

Pro Pro Gly Pro Pro Gly Thr
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<210> 212
 <211> 23
 <212> PRT
 <213> Homo sapiens
 <400> 212
 Gly Val Lys Gly Glu Arg Gly Ser Pro Gly Gly Pro Gly Ala Ala Gly
 1 5 10 15

Phe Pro Gly Ala Arg Gly Leu
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<210> 213
 <211> 26
 <212> PRT
 <213> Homo sapiens
 <400> 213
 Gly Asp Ala Gly Ala Pro Gly Ala Pro Gly Gly Lys Gly Asp Ala Gly
 1 5 10 15

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

<210> 214
 <211> 25
 <212> PRT
 <213> Homo sapiens
 <400> 214
 Gln Gly Pro Pro Gly Pro Thr Gly Pro Gly Gly Asp Lys Gly Asp Thr
 1 5 10 15

Gly Pro Pro Gly Pro Gln Gly Leu Gln
 20 25

<210> 215
 <211> 25
 <212> PRT
 <213> Homo sapiens
 <400> 215
 Gly Ile Asn Gly Ser Pro Gly Gly Lys Gly Glu Met Gly Pro Ala Gly
 1 5 10 15

Ile Pro Gly Ala Pro Gly Leu Met Gly
 20 25

<210> 216
 <211> 26
 <212> PRT
 <213> Homo sapiens
 <400> 216
 Gln Gly Pro Pro Gly Glu Pro Gly Gln Ala Gly Pro Ser Gly Pro Pro
 1 5 10 15

Gly Pro Pro Gly Ala Ile Gly Pro Ser Gly
 20 25

<210> 217
 <211> 26
 <212> PRT
 <213> Homo sapiens
 <400> 217

Pro Gly Pro Pro Gly Ile Asn Gly Ser Pro Gly Gly Lys Gly Glu Met
 1 5 10 15

Gly Pro Ala Gly Ile Pro Gly Ala Pro Gly
 20 25

<210> 218
 <211> 33
 <212> PRT
 <213> Homo sapiens
 <400> 218

Arg Gly Leu Pro Gly Pro Pro Gly Ser Asn Gly Asn Pro Gly Pro Pro
 1 5 10 15

Gly Pro Ser Gly Ser Pro Gly Lys Asp Gly Pro Pro Gly Pro Ala Gly
 20 25 30

Asn

<210> 219
 <211> 32
 <212> PRT
 <213> Homo sapiens
 <400> 219

Gly Lys Asn Gly Glu Thr Gly Pro Gln Gly Pro Pro Gly Pro Thr Gly
 1 5 10 15

Pro Gly Gly Asp Lys Gly Asp Thr Gly Pro Pro Gly Pro Gln Gly Leu
 20 25 30

<210> 220
 <211> 32
 <212> PRT
 <213> Homo sapiens
 <400> 220

Gly Leu Pro Gly Ile Ala Gly Pro Arg Gly Ser Pro Gly Glu Arg Gly
 1 5 10 15

Glu Thr Gly Pro Pro Gly Pro Ala Gly Phe Pro Gly Ala Pro Gly Gln
 20 25 30

<210> 221
 <211> 35
 <212> PRT
 <213> Homo sapiens
 <400> 221

Gly Ile Asn Gly Ser Pro Gly Gly Lys Gly Glu Met Gly Pro Ala Gly
 1 5 10 15

Ile Pro Gly Ala Pro Gly Leu Met Gly Ala Arg Gly Pro Pro Gly Pro
 20 25 30

Ala Gly Ala
35

<210> 222
<211> 36
<212> PRT
<213> Homo sapiens
<400> 222

Pro Gly Ile Asn Gly Ser Pro Gly Gly Lys Gly Glu Met Gly Pro Ala
1 5 10 15

Gly Ile Pro Gly Ala Pro Gly Leu Met Gly Ala Arg Gly Pro Pro Gly
20 25 30

Pro Ala Gly Ala
35

<210> 223
<211> 40
<212> PRT
<213> Homo sapiens
<400> 223

Pro Pro Gly Glu Asn Gly Lys Pro Gly Glu Pro Gly Pro Lys Gly Asp
1 5 10 15

Ala Gly Ala Pro Gly Ala Pro Gly Gly Lys Gly Asp Ala Gly Ala Pro
20 25 30

Gly Glu Arg Gly Pro Pro Gly Leu
35 40

<210> 224
<211> 38
<212> PRT
<213> Homo sapiens
<400> 224

Gly Leu Lys Gly Glu Asn Gly Leu Pro Gly Glu Asn Gly Ala Pro Gly
1 5 10 15

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

Pro Gly Ala Ala Gly Ala
35

<210> 225
<211> 41
<212> PRT
<213> Homo sapiens
<400> 225

Gly Asn Thr Gly Ala Pro Gly Ser Pro Gly Val Ser Gly Pro Lys Gly
1 5 10 15

Asp Ala Gly Gln Pro Gly Glu Lys Gly Ser Pro Gly Ala Gln Gly Pro
20 25 30

Pro Gly Ala Pro Gly Pro Leu Gly Ile
35 40

<210> 226

<211> 41
 <212> PRT
 <213> Homo sapiens
 <400> 226
 Gly Leu Met Gly Ala Arg Gly Pro Pro Gly Pro Ala Gly Ala Asn Gly
 1 5 10 15
 Ala Pro Gly Leu Arg Gly Gly Ala Gly Glu Pro Gly Lys Asn Gly Ala
 20 25 30
 Lys Gly Glu Pro Gly Pro Arg Gly Glu
 35 40

<210> 227
 <211> 50
 <212> PRT
 <213> Homo sapiens
 <400> 227
 Gly Leu Arg Gly Gly Ala Gly Pro Pro Gly Pro Glu Gly Gly Lys Gly
 1 5 10 15
 Ala Ala Gly Pro Pro Gly Pro Pro Gly Ala Ala Gly Thr Pro Gly Leu
 20 25 30
 Gln Gly Met Pro Gly Glu Arg Gly Gly Leu Gly Ser Pro Gly Pro Lys
 35 40 45
 Gly Asp
 50

<210> 228
 <211> 26
 <212> PRT
 <213> Homo sapiens
 <400> 228
 Gly Gln Gln Gly Ala Ile Gly Ser Pro Gly Pro Ala Gly Pro Arg Gly
 1 5 10 15
 Pro Val Gly Pro Ser Gly Pro Pro Gly Lys
 20 25

<210> 229
 <211> 24
 <212> PRT
 <213> Homo sapiens
 <400> 229
 Lys Gly Asp Pro Gly Pro Pro Gly Ile Pro Gly Arg Asn Gly Asp Pro
 1 5 10 15
 Gly Ile Pro Gly Gln Pro Gly Ser
 20

<210> 230
 <211> 26
 <212> PRT
 <213> Homo sapiens
 <400> 230
 Gly Leu Arg Gly Gly Ala Gly Pro Pro Gly Pro Glu Gly Gly Lys Gly
 1 5 10 15
 Ala Ala Gly Pro Pro Gly Pro Pro Gly Ala

20

25

<210> 231

<211> 32

<212> PRT

<213> Homo sapiens

<400> 231

Gly Lys Asn Gly Glu Thr Gly Pro Gln Gly Pro Pro Gly Pro Thr Gly
 1 5 10 15

Pro Gly Gly Asp Lys Gly Asp Thr Gly Pro Pro Gly Pro Gln Gly Leu
 20 25 30

<210> 232

<211> 23

<212> PRT

<213> Homo sapiens

<400> 232

Gly Tyr Gln Gly Pro Pro Gly Glu Pro Gly Gln Ala Gly Pro Ser Gly
 1 5 10 15

Pro Pro Gly Pro Pro Gly Ala
 20

<210> 233

<211> 20

<212> PRT

<213> Homo sapiens

<400> 233

Gly Val Ala Gly Pro Pro Gly Gly Ser Gly Pro Ala Gly Pro Pro Gly
 1 5 10 15

Pro Gln Gly Val
 20

<210> 234

<211> 35

<212> PRT

<213> Homo sapiens

<400> 234

Gly Asp Lys Gly Glu Pro Gly Gly Pro Gly Ala Asp Gly Val Pro Gly
 1 5 10 15

Lys Asp Gly Pro Arg Gly Pro Thr Gly Pro Ile Gly Pro Pro Gly Pro
 20 25 30

Ala Gly Gln
 35

<210> 235

<211> 17

<212> PRT

<213> Homo sapiens

<400> 235

Gln Gly His Ala Gly Ala Gln Gly Pro Pro Gly Pro Pro Gly Ile Asn
 1 5 10 15

Gly

<210> 236

<211> 11
 <212> PRT
 <213> Homo sapiens
 <400> 236
 Ala Gly Glu Arg Gly Ala Pro Gly Pro Ala Gly
 1 5 10

<210> 237
 <211> 11
 <212> PRT
 <213> Homo sapiens
 <400> 237
 Ala Gly Ile Pro Gly Phe Pro Gly Met Lys Gly
 1 5 10

<210> 238
 <211> 12
 <212> PRT
 <213> Homo sapiens
 <400> 238
 Phe Pro Gly Met Lys Gly His Arg Gly Phe Asp Gly
 1 5 10

<210> 239
 <211> 14
 <212> PRT
 <213> Homo sapiens
 <400> 239
 Gly Phe Pro Gly Ala Arg Gly Leu Pro Gly Pro Pro Gly Ser
 1 5 10

<210> 240
 <211> 15
 <212> PRT
 <213> Homo sapiens
 <400> 240
 Ala Gly Phe Pro Gly Ala Arg Gly Leu Pro Gly Pro Pro Gly Ser
 1 5 10 15

<210> 241
 <211> 15
 <212> PRT
 <213> Homo sapiens
 <400> 241
 Pro Pro Gly Pro Pro Gly Thr Ser Gly His Pro Gly
 1 5 10 15

<210> 242
 <211> 13
 <212> PRT
 <213> Homo sapiens
 <400> 242
 Gly Phe Pro Gly Met Lys Gly His Arg Gly Phe Asp Gly
 1 5 10

<210> 243
 <211> 17
 <212> PRT
 <213> Homo sapiens
 <400> 243
 Gln Pro Gly Asp Lys Gly Glu Gly Gly Ala Pro Gly Leu Pro Gly Ile

1 5 10 15

Ala

<210> 244
 <211> 17
 <212> PRT
 <213> Homo sapiens
 <400> 244
 Arg Gly Asp Lys Gly Glu Thr Gly Glu Arg Gly Ala Ala Gly Ile Lys
 1 5 10 15

Gly

<210> 245
 <211> 17
 <212> PRT
 <213> Homo sapiens
 <400> 245
 Asp Gly Arg Asn Gly Glu Lys Gly Glu Thr Gly Ala Pro Gly Leu Lys
 1 5 10 15

Gly

<210> 246
 <211> 20
 <212> PRT
 <213> Homo sapiens
 <400> 246
 Ala Gly Gln Pro Gly Asp Lys Gly Glu Gly Gly Ala Pro Gly Leu Pro
 1 5 10 15

Gly Ile Ala Gly
 20

<210> 247
 <211> 19
 <212> PRT
 <213> Homo sapiens
 <400> 247
 Gly Gly Pro Pro Gly Glu Asn Gly Lys Pro Gly Glu Pro Gly Pro Lys
 1 5 10 15

Gly Asp Ala

<210> 248
 <211> 17
 <212> PRT
 <213> Homo sapiens
 <400> 248
 Ala Gly Ile Pro Gly Phe Pro Gly Met Lys Gly His Arg Gly Phe Asp
 1 5 10 15

Gly

<210> 249

<211> 20
 <212> PRT
 <213> Homo sapiens
 <400> 249
 Arg Gly Gly Ala Gly Glu Pro Gly Lys Asn Gly Ala Lys Gly Glu Pro
 1 5 10 15

Gly Pro Arg Gly
 20

<210> 250
 <211> 26
 <212> PRT
 <213> Homo sapiens
 <400> 250
 Lys Gly Glu Arg Gly Ser Pro Gly Gly Pro Gly Ala Ala Gly Phe Pro
 1 5 10 15

Gly Ala Arg Gly Leu Pro Gly Pro Pro Gly
 20 25

<210> 251
 <211> 27
 <212> PRT
 <213> Homo sapiens
 <400> 251
 Ile Pro Gly Val Pro Gly Ala Lys Gly Glu Asp Gly Lys Asp Gly Ser
 1 5 10 15

Pro Gly Glu Pro Gly Ala Asn Gly Leu Pro Gly
 20 25

<210> 252
 <211> 28
 <212> PRT
 <213> Homo sapiens
 <400> 252
 Gly Ala Ala Gly Phe Pro Gly Ala Arg Gly Leu Pro Gly Pro Pro Gly
 1 5 10 15

Ser Asn Gly Asn Pro Gly Pro Pro Gly Pro Ser Gly
 20 25

<210> 253
 <211> 26
 <212> PRT
 <213> Homo sapiens
 <400> 253
 Arg Pro Gly Pro Pro Gly Pro Ser Gly Pro Arg Gly Gln Pro Gly Val
 1 5 10 15

Met Gly Phe Pro Gly Pro Lys Gly Asn Asp
 20 25

<210> 254
 <211> 29
 <212> PRT
 <213> Homo sapiens
 <400> 254
 Gln Gly Pro Pro Gly Pro Pro Gly Ile Asn Gly Ser Pro Gly Gly Lys
 1 5 10 15

Gly Glu Met Gly Pro Ala Gly Ile Pro Gly Ala Pro Gly
 20 25

<210> 255
 <211> 26
 <212> PRT
 <213> Homo sapiens
 <400> 255

Ala Gly Lys Asp Gly Glu Ser Gly Arg Pro Gly Arg Pro Gly Glu Arg
 1 5 10 15

Gly Leu Pro Gly Pro Pro Gly Ile Lys Gly
 20 25

<210> 256
 <211> 30
 <212> PRT
 <213> Homo sapiens
 <400> 256

Ala Gly Ala Arg Gly Asn Asp Gly Ala Arg Gly Ser Asp Gly Gln Pro
 1 5 10 15

Gly Pro Pro Gly Pro Pro Gly Thr Ala Gly Phe Pro Gly Ser
 20 25 30

<210> 257
 <211> 31
 <212> PRT
 <213> Homo sapiens
 <400> 257

Ser Pro Gly Val Ser Gly Pro Lys Gly Asp Ala Gly Gln Pro Gly Glu
 1 5 10 15

Lys Gly Ser Pro Gly Ala Gln Gly Pro Pro Gly Ala Pro Gly Pro
 20 25 30

<210> 258
 <211> 32
 <212> PRT
 <213> Homo sapiens
 <400> 258

Arg Gly Ser Asp Gly Gln Pro Gly Pro Pro Gly Pro Pro Gly Thr Ala
 1 5 10 15

Gly Phe Pro Gly Ser Pro Gly Ala Lys Gly Glu Val Gly Pro Ala Gly
 20 25 30

<210> 259
 <211> 32
 <212> PRT
 <213> Homo sapiens
 <400> 259

Gln Gly Pro Pro Gly Pro Pro Gly Ile Asn Gly Ser Pro Gly Gly Lys
 1 5 10 15

Gly Glu Met Gly Pro Ala Gly Ile Pro Gly Ala Pro Gly Leu Met Gly
 20 25 30

<210> 260
 <211> 33

<212> PRT
 <213> Homo sapiens
 <400> 260
 Ala Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Thr Ser Gly His Pro
 1 5 10 15

Gly Ser Pro Gly Ser Pro Gly Tyr Gln Gly Pro Pro Gly Glu Pro Gly
 20 25 30

Gln

<210> 261
 <211> 33
 <212> PRT
 <213> Homo sapiens
 <400> 261
 Phe Pro Gly Ala Pro Gly Gln Asn Gly Glu Pro Gly Gly Lys Gly Glu
 1 5 10 15

Arg Gly Ala Pro Gly Glu Lys Gly Glu Gly Gly Pro Pro Gly Val Ala
 20 25 30

Gly

<210> 262
 <211> 33
 <212> PRT
 <213> Homo sapiens
 <400> 262
 Ala Gly Phe Pro Gly Ala Pro Gly Gln Asn Gly Glu Pro Gly Gly Lys
 1 5 10 15

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

Val

<210> 263
 <211> 41
 <212> PRT
 <213> Homo sapiens
 <400> 263
 Ala Gly Ala Arg Gly Asn Asp Gly Ala Arg Gly Ser Asp Gly Gln Pro
 1 5 10 15

Gly Pro Pro Gly Pro Pro Gly Thr Ala Gly Phe Pro Gly Ser Pro Gly
 20 25 30

Ala Lys Gly Glu Val Gly Pro Ala Gly
 35 40

<210> 264
 <211> 53
 <212> PRT
 <213> Homo sapiens
 <400> 264
 Arg Gly Ala Ala Gly Glu Pro Gly Arg Asp Gly Val Pro Gly Gly Pro
 1 5 10 15

Gly Met Arg Gly Met Pro Gly Ser Pro Gly Gly Pro Gly Ser Asp Gly
 20 25 30

Lys Pro Gly Pro Pro Gly Ser Gln Gly Glu Ser Gly Arg Pro Gly Pro
 35 40 45

Pro Gly Pro Ser Gly
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<210> 265
 <211> 12
 <212> PRT
 <213> Homo sapiens
 <400> 265
 Gly Ile Ala Gly Ile Thr Gly Ala Arg Gly Leu Ala
 1 5 10

<210> 266
 <211> 18
 <212> PRT
 <213> Homo sapiens
 <400> 266
 Ala Gly Pro Pro Gly Pro Pro Gly Ala Ala Gly Thr Pro Gly Leu Gln
 1 5 10 15

Gly Met

<210> 267
 <211> 18
 <212> PRT
 <213> Homo sapiens
 <400> 267
 Asn Gly Leu Ser Gly Glu Arg Gly Pro Pro Gly Pro Gln Gly Leu Pro
 1 5 10 15

Gly Leu

<210> 268
 <211> 20
 <212> PRT
 <213> Homo sapiens
 <400> 268
 Met Gly Ala Arg Gly Pro Pro Gly Pro Ala Gly Ala Asn Gly Ala Pro
 1 5 10 15

Gly Leu Arg Gly
 20

<210> 269
 <211> 20
 <212> PRT
 <213> Homo sapiens
 <400> 269
 Asn Gly Leu Ser Gly Glu Arg Gly Pro Pro Gly Pro Gln Gly Leu Pro
 1 5 10 15

Gly Leu Ala Gly
 20

<210> 270
 <211> 23
 <212> PRT
 <213> Homo sapiens
 <400> 270
 Gly Ile Ala Gly Ile Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro Gly
 1 5 10 15

Met Pro Gly Pro Arg Gly Ser
 20

<210> 271
 <211> 29
 <212> PRT
 <213> Homo sapiens
 <400> 271
 Gly Ile Ala Gly Ile Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro Gly
 1 5 10 15

Met Pro Gly Pro Arg Gly Ser Pro Gly Pro Gln Gly Val
 20 25

<210> 272
 <211> 32
 <212> PRT
 <213> Homo sapiens
 <400> 272
 Arg Gly Gly Ala Gly Pro Pro Gly Pro Glu Gly Gly Lys Gly Ala Ala
 1 5 10 15

Gly Pro Pro Gly Pro Pro Gly Ala Ala Gly Thr Pro Gly Leu Gln Gly
 20 25 30

<210> 273
 <211> 30
 <212> PRT
 <213> Homo sapiens
 <400> 273
 Ser Gly Pro Lys Gly Asp Ala Gly Gln Pro Gly Glu Lys Gly Ser Pro
 1 5 10 15

Gly Ala Gln Gly Pro Pro Gly Ala Pro Gly Pro Leu Gly Ile
 20 25 30

<210> 274
 <211> 31
 <212> PRT
 <213> Homo sapiens
 <400> 274
 Gly Ile Ala Gly Ile Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro Gly
 1 5 10 15

Met Pro Gly Pro Arg Gly Ser Pro Gly Pro Gln Gly Val Lys Gly
 20 25 30

<210> 275
 <211> 37
 <212> PRT
 <213> Homo sapiens
 <400> 275

Ala Val Gly Gly Leu Ala Gly Tyr Pro Gly Pro Ala Gly Pro Pro Gly
1 5 10 15

Pro Pro Gly Pro Pro Gly Thr Ser Gly His Pro Gly Ser Pro Gly Ser
20 25 30

Pro Gly Tyr Gln Gly
35

<210> 276
<211> 40
<212> PRT
<213> Homo sapiens
<400> 276

Glu Pro Gly Pro Gln Gly His Ala Gly Ala Gln Gly Pro Pro Gly Pro
1 5 10 15

Pro Gly Ile Asn Gly Ser Pro Gly Gly Lys Gly Glu Met Gly Pro Ala
20 25 30

Gly Ile Pro Gly Ala Pro Gly Leu
35 40

<210> 277
<211> 12
<212> PRT
<213> Homo sapiens
<400> 277

Ile Pro Gly Phe Pro Gly Met Lys Gly His Arg Gly
1 5 10

<210> 278
<211> 17
<212> PRT
<213> Homo sapiens
<400> 278

Arg Gly Ser Pro Gly Gly Pro Gly Ala Ala Gly Phe Pro Gly Ala Arg
1 5 10 15

Gly

<210> 279
<211> 17
<212> PRT
<213> Homo sapiens
<400> 279

Lys Gly Pro Ala Gly Ile Pro Gly Phe Pro Gly Met Lys Gly His Arg
1 5 10 15

Gly

<210> 280
<211> 20
<212> PRT
<213> Homo sapiens
<400> 280

Arg Gly Leu Ala Gly Pro Pro Gly Met Pro Gly Pro Arg Gly Ser Pro
1 5 10 15

Gly Pro Gln Gly
20

<210> 281
<211> 20
<212> PRT
<213> Homo sapiens
<400> 281

Ala Gly Ile Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro Gly Met Pro
1 5 10 15

Gly Pro Arg Gly
20

<210> 282
<211> 23
<212> PRT
<213> Homo sapiens
<400> 282

Leu Gly Ile Ala Gly Ile Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro
1 5 10 15

Gly Met Pro Gly Pro Arg Gly
20

<210> 283
<211> 23
<212> PRT
<213> Homo sapiens
<400> 283

Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro Gly Met Pro Gly Pro Arg
1 5 10 15

Gly Ser Pro Gly Pro Gln Gly
20

<210> 284
<211> 24
<212> PRT
<213> Homo sapiens
<400> 284

Gln Gly Pro Pro Gly Pro Pro Gly Ile Asn Gly Ser Pro Gly Gly Lys
1 5 10 15

Gly Glu Met Gly Pro Ala Gly Ile
20

<210> 285
<211> 24
<212> PRT
<213> Homo sapiens
<400> 285

Leu Pro Gly Pro Pro Gly Ile Lys Gly Pro Ala Gly Ile Pro Gly Phe
1 5 10 15

Pro Gly Met Lys Gly His Arg Gly
20

<210> 286
<211> 26
<212> PRT

<213> Homo sapiens
 <400> 286
 Ala Gly Ile Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro Gly Met Pro
 1 5 10 15

Gly Pro Arg Gly Ser Pro Gly Pro Gln Gly
 20 25

<210> 287
 <211> 26
 <212> PRT
 <213> Homo sapiens
 <400> 287
 Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro Gly Met Pro Gly Pro Arg
 1 5 10 15

Gly Ser Pro Gly Pro Gln Gly Val Lys Gly
 20 25

<210> 288
 <211> 26
 <212> PRT
 <213> Homo sapiens
 <400> 288
 Arg Gly Leu Pro Gly Pro Pro Gly Ile Lys Gly Pro Ala Gly Ile Pro
 1 5 10 15

Gly Phe Pro Gly Met Lys Gly His Arg Gly
 20 25

<210> 289
 <211> 29
 <212> PRT
 <213> Homo sapiens
 <400> 289
 Gly Arg Pro Gly Leu Pro Gly Ala Ala Gly Ala Arg Gly Asn Asp Gly
 1 5 10 15

Ala Arg Gly Ser Asp Gly Gln Pro Gly Pro Pro Gly Pro
 20 25

<210> 290
 <211> 29
 <212> PRT
 <213> Homo sapiens
 <400> 290
 Asn Gly Ala Pro Gly Pro Met Gly Pro Arg Gly Ala Pro Gly Glu Arg
 1 5 10 15

Gly Arg Pro Gly Leu Pro Gly Ala Ala Gly Ala Arg Gly
 20 25

<210> 291
 <211> 29
 <212> PRT
 <213> Homo sapiens
 <400> 291
 Ala Gly Ser Arg Gly Ala Pro Gly Pro Gln Gly Pro Arg Gly Asp Lys
 1 5 10 15

Gly Glu Thr Gly Glu Arg Gly Ala Ala Gly Ile Lys Gly

20 25
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 <211> 32
 <212> PRT
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 <400> 292
 Arg Gly Leu Ala Gly Pro Pro Gly Met Pro Gly Pro Arg Gly Ser Pro
 1 5 10 15
 Gly Pro Gln Gly Val Lys Gly Glu Ser Gly Lys Pro Gly Ala Asn Gly
 20 25 30
 <210> 293
 <211> 34
 <212> PRT
 <213> Homo sapiens
 <400> 293
 Arg Gly Leu Ala Gly Pro Pro Gly Met Pro Gly Pro Arg Gly Ser Pro
 1 5 10 15
 Gly Pro Gln Gly Val Lys Gly Glu Ser Gly Lys Pro Gly Ala Asn Gly
 20 25 30
 Leu Ser
 <210> 294
 <211> 37
 <212> PRT
 <213> Homo sapiens
 <400> 294
 Pro Gly Pro Pro Gly Ser Asn Gly Asn Pro Gly Pro Pro Gly Pro Ser
 1 5 10 15
 Gly Ser Pro Gly Lys Asp Gly Pro Pro Gly Pro Ala Gly Asn Thr Gly
 20 25 30
 Ala Pro Gly Ser Pro
 35
 <210> 295
 <211> 35
 <212> PRT
 <213> Homo sapiens
 <400> 295
 Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro Gly Met Pro Gly Pro Arg
 1 5 10 15
 Gly Ser Pro Gly Pro Gln Gly Val Lys Gly Glu Ser Gly Lys Pro Gly
 20 25 30
 Ala Asn Gly
 35
 <210> 296
 <211> 38
 <212> PRT
 <213> Homo sapiens
 <400> 296
 Arg Gly Ala Pro Gly Glu Lys Gly Glu Gly Gly Pro Pro Gly Val Ala

1 5 10 15
 Gly Pro Pro Gly Gly Ser Gly Pro Ala Gly Pro Pro Gly Pro Gln Gly
 20 25 30
 Val Lys Gly Glu Arg Gly
 35
 <210> 297
 <211> 40
 <212> PRT
 <213> Homo sapiens
 <400> 297
 Gly Gly Pro Pro Gly Val Ala Gly Pro Pro Gly Gly Ser Gly Pro Ala
 1 5 10 15
 Gly Pro Pro Gly Pro Gln Gly Val Lys Gly Glu Arg Gly Ser Pro Gly
 20 25 30
 Gly Pro Gly Ala Ala Gly Phe Pro
 35 40
 <210> 298
 <211> 48
 <212> PRT
 <213> Homo sapiens
 <400> 298
 Lys Ser Gly Asp Arg Gly Glu Ser Gly Pro Ala Gly Pro Ala Gly Ala
 1 5 10 15
 Pro Gly Pro Ala Gly Ser Arg Gly Ala Pro Gly Pro Gln Gly Pro Arg
 20 25 30
 Gly Asp Lys Gly Glu Thr Gly Glu Arg Gly Ala Ala Gly Ile Lys Gly
 35 40 45
 <210> 299
 <211> 12
 <212> PRT
 <213> Homo sapiens
 <400> 299
 Ile Pro Gly Phe Pro Gly Met Lys Gly His Arg Gly
 1 5 10
 <210> 300
 <211> 14
 <212> PRT
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 <400> 300
 Arg Gly Leu Ala Gly Pro Pro Gly Met Pro Gly Pro Arg Gly
 1 5 10
 <210> 301
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 35 40 45

Lys Ala Phe Thr Val Cys Leu His Phe Tyr Thr Glu Leu Ser Ser Thr
 50 55 60

Arg Gly Thr Val Phe Ser Arg Met Pro Pro Arg Asp Lys Thr Met Arg
 65 70 75 80

Phe Phe Ile Phe Trp Ser Lys Asp Ile Gly Tyr Ser Phe Thr Val Gly
 85 90 95

Gly Ser Glu Ile Leu Phe Glu Val Pro Glu Val Thr Val Ala Pro Val
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His Ile Cys Thr Ser Trp Glu Ser Ala Ser Gly Ile Val Glu Phe Trp
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 Gly Arg Phe Trp Asp Tyr Leu Arg Trp Val Gln Thr Leu Ser Glu Gln
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 Glu Glu Gln Leu Thr Pro Val Ala Glu Glu Thr Arg Ala Arg Leu Ser
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 Lys Glu Leu Gln Ala Ala Gln Ala Arg Leu Gly Ala Asp Met Glu Asp
 115 120 125
 Val Cys Gly Arg Leu Val Gln Tyr Arg Gly Glu Val Gln Ala Met Leu
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 Gly Gln Ser Thr Glu Glu Leu Arg Val Arg Leu Ala Ser His Leu Arg
 145 150 155 160
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 Leu Ala Val Tyr Gln Ala Gly Ala Arg Glu Gly Ala Glu Arg Gly Leu
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 Ser Ala Ile Arg Glu Arg Leu Gly Pro Leu Val Glu Gln Gly Arg Val
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 Arg Ala Ala Thr Val Gly Ser Leu Ala Gly Gln Pro Leu Gln Glu Arg
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 Ala Gln Ala Trp Gly Glu Arg Leu Arg Ala Arg Met Glu Glu Met Gly
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 Ser Arg Thr Arg Asp Arg Leu Asp Glu Val Lys Glu Gln Val Ala Glu
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 Val Arg Ala Lys Leu Glu Glu Gln Ala Gln Gln Ile Arg Leu Gln Ala
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Ala 465	Ala	Lys	Ala	Ala	Gln 470	Phe	Gly	Leu	Val	Pro 475	Gly	Val	Gly	Val	Ala 480
Pro	Gly	Val	Gly 485	Val	Ala	Pro	Gly	Val	Gly 490	Val	Ala	Pro	Gly 495	Val	Gly
Leu	Ala	Pro	Gly 500	Val	Gly	Val	Ala	Pro 505	Gly	Val	Gly	Val	Ala 510	Pro	Gly
Val	Gly	Val 515	Ala	Pro	Gly	Ile	Gly 520	Pro	Gly	Gly	Val	Ala 525	Ala	Ala	Ala
Lys	Ser 530	Ala	Ala	Lys	Val	Ala 535	Ala	Lys	Ala	Gln	Leu 540	Arg	Ala	Ala	Ala
Gly 545	Leu	Gly	Ala	Gly	Ile 550	Pro	Gly	Leu	Gly	Val 555	Gly	Val	Gly	Val	Pro 560
Gly	Leu	Gly	Val	Gly 565	Ala	Gly	Val	Pro	Gly 570	Leu	Gly	Val	Gly	Ala 575	Gly
Val	Pro	Gly	Phe 580	Gly	Ala	Gly	Ala	Asp 585	Glu	Gly	Val	Arg	Arg 590	Ser	Leu
Ser	Pro	Glu 595	Leu	Arg	Glu	Gly	Asp 600	Pro	Ser	Ser	Ser	Gln 605	His	Leu	Pro
Ser	Thr 610	Pro	Ser	Ser	Pro	Arg 615	Val	Pro	Gly	Ala	Leu 620	Ala	Ala	Ala	Lys

Ala Ala Lys Tyr Gly Ala Ala Val Pro Gly Val Leu Gly Gly Leu Gly
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Ala Leu Gly Gly Val Gly Ile Pro Gly Gly Val Val Gly Ala Gly Pro
645 650 655

Ala Ala Ala Ala Ala Ala Lys Ala Ala Lys Ala Ala Gln Phe
660 665 670

Gly Leu Val Gly Ala Ala Gly Leu Gly Gly Leu Gly Val Gly Gly Leu
675 680 685

Gly Val Pro Gly Val Gly Gly Leu Gly Gly Ile Pro Pro Ala Ala Ala
690 695 700

Ala Lys Ala Ala Lys Tyr Gly Ala Ala Gly Leu Gly Gly Val Leu Gly
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Gly Ala Gly Gln Phe Pro Leu Gly Gly Val Ala Ala Arg Pro Gly Phe
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