

		-35	P1	-10	
-225	ACAAACATATGCTATGCTTATATAAACACCCTATATATTTGTGTATTTTTCACCTTTAAT				-151
				-35	
-150	GCTAACTAATCTAAAAGCAATAGTTAACTGAATTTTGGGATATTGACTTATTGTAATTTACCAAGAAAAGTAGAT				-76
	P3	-10		RBS	
-75	AAGCTTTAGAGCAAGTAGTGCATGCAGTCGAATAAAGCAAAGTAAAAACAACCTATTCTATAGGAGGAAGTAAGG				-1
1	M T E R K Q V W F E E A N S R L D P G L V G Q L M				25
1	ATGACGGAGAGGAAACAAGTATGGTTTGAAGAAGCCAATCCAGACTAGATCCAGGATTAGTAGGACAGTTGATG				75
26	K K R K E D P N E T S E D T L P V I V K V Y Q N C				50
76	AAAAAAGAAAAGAACCCAAATGAACAAGTGGGACACGCTACCAGTAATTGTGAAAGTTTACCAGAATTGC				150
51	T K D M K E D L L K T C E G D S C N T L N D D M E				75
151	ACAAAGGATATGAAGGAAGATTGTGTTAAAAACATGTGAGGGAGATTCTTGTAATACGTTAAATGATGATATGGAA				225
76	I L H S L Y G D L T P K K I R E L K N H E A V E R				100
226	ATTTTACACTCGTTGTATGGAGATTAAACCCCAAAAGATCAGAGAACTAAAAATCATGAGGCAAGTGAACCT				300
101	I F Y D R D V T A F L D V A T K E I N A V E V Q Q				125
301	ATTTTTTATGACCGAGATGTAACGGCGTTTCTTGATGTGGCTACAAAAGAAATAAATGCGATAGAAGTACAACA				375
126	D L G L T G K D I T I A V I D S G V F P H P D L T				150
376	GATCTTGGTTTAACTGGGAAAGATATTACTATCGCTGTCATTGATTCGGGAGTATTTCGGCATCTGATTAAACA				450
151	K P E N R I V A F K D F V N K Q E E P Y D D N G H				175
451	AAACCGGAGAATAGAATTGTAGCTTTCAAAGATTTTGTTAATAAGCAGGAAGAACCTTATGATGATAATGGCCAT				525
176	G T H C C G D A A G N G H H S N G K Y T G P A P A				200
526	GGGACCCACTGTTGTGGAGACGCTGCAGGAATGGACACCATTCTAATGGAAAGTATACGGGGCCAGCACCGGCT				600
201	A S I V G V K V L N E K G G G K L S T I I R G I E				225
601	GCTTCAATTGTTGGGGTTAAAGTCTTAAATGAAAAGCGCGGGGAAGCTTCCACTATTATACAGGGATAGAA				675
226	W C M K H R E K Y G I R I I S L S L G A E A Y E S				250
676	TGGTGTATGAAGCATCGAGAAAAGTATGGTATACGAATTATTTCTCTATCTCTAGGTGCTGAAGCATATGAATCT				750
251	Y R D D P L T Q A T Q K A W H S G I V V C A A A G				275
751	TACCGTGACGACCCACTACCCAGGCAACCCAAAAAGCCTGGCATAGCGGTATAGTTGTATGTGCTGCAGCCGGA				825
276	N D G G P S R S T I S T P A I D P F I I T V G S A D				300
826	AACGACGGTCCATCAGCAGCACCATTAGTACGCTGCCATTGATCCATTCAATTATTACAGTTGGTTCTGCGGAT				900
301	D Q N T V T R S D A V I S K F S S R G P T I D E L				325
901	GATCAAAACACAGTAACTCGATCAGATGCTGTTATTTCCAAATTTTCGAGTCGTGGTCCAACCATTTGATGAATTA				975
326	V K P D I Y A P G S N I I S L L S P G S A L E K Q				350
976	GTCAAACAGATATTTACGCACCTGGTTCAAATATTATTTCTCTATTATCTCCGGATCGCGCTAGAAAAACAA				1050
351	I P E R V I D E N Y V S L S G T S M A T P I C A G				375
1051	ATACCTGAGCGTGAATAGATGAAAATTATGTATCACTATCTGGCACTTCGATGGCAACACCTATTGTGTCAGGA				1125
376	V I A L M L E A N P Q L S P N D I K S I L Q A T S				400
1126	GTTATCGCTCTAATGCTTGGAGCAAACTCCTCAGCTAAGTCCAAATGACATAAAAGTATTTTACAGCAACATCA				1200
401	Q P T L A D K W G Y I H A K T A V E M A K D Y V Q				425
1201	CAACCAACACTTGCAGATAAATGGGGATATATACATGCTAAGACTGCCGTAGAGATGGCAAAAGATTACGTACAG				1275
426	Q V Q K V N *				431
1276	CAGGTGCAGAAAGTAATTGATTGAATGAGGTGGTTGAGGAGCCCTCTCATCTTGGGGAGCGTTCTCTCATTGA				1350
1351	ATGGTGGAGTCTCTCATCTTGGAGCCAGGTCTCTCATTTGGCATTGATTATGTCCGCTTCAAAATTTGTTACC				1425
1426	CGTCCATTAAAAAGAACATCTCCTACGGGGAGATGTTCTTCCCTTTATTTTCCAAAGCTGTGCTCTGCTAATGCT				1500
1501	GTCACAATTGCATCTTGAATTTGTGGCATGGAGCCTTGGATATAATTGTTTCATCATAATGGAGAAGATTAACTTT				1575
1576	TCCCATCTCTGTTTGTACATAACCCGATAATGTATTACTCCGGTTAAGGAACCGGTTT				1636