

LOC108705441_XL.S	ATGGTGCCAGATGAAGGCAAGAAGGTGGCCACTCCAGCTCACAtgaggATTGCCTTCTAC	60
NM_001011335_xt	-----	0
NM_001095910_xl.L	-----	0
LOC108705441_XL.S	AAGTGGCAGAAGATCAAGCAGGCATTGCAGGGAATTATTCCAGCCAAAA GGACTCTTTCC	120
NM_001011335_xt	-----GATCAAGCAGGA ACTGCAGGGAGCTCCTCCAGCCAAAAATGACTCTATCC	49
NM_001095910_xl.L	----GGCAGAAGATCAATCAAGTACTGCAGGGAATTTCTCCAGCCAAAA ATGACTCTCTCC	56
	***** ** * * ***** * ***** ***** ***** **	
	M T L S	
LOC108705441_XL.S	AAAGAAGTGGAGTATCAGACTTCACAGAATCAGGTTTCCAGCACCAGATTGTACCCAGT	180
NM_001011335_xt	AAAGAAGTGGAGTATCCTGCTCCACAGAAGCAGCTTTCAGCACCAGGTTTGTACCCAGC	109
NM_001095910_xl.L	AAAGAAGTGGAGTATCAGACTCCACAGAAACAAGTTTCCAGCACCAGGTTTGTACCCAGT	116
	***** ** ***** ** ***** * *****	
	K E V E Y P A P Q K Q L S S T G L Y P S	
LOC108705441_XL.S	ACCAAAGAGGTGGAATTCAGTCTAGTTTGGAACAGTGAATGGGAAAATCTCTAGTCA	240
NM_001011335_xt	ACCAAAGACATGGAGTTCAGTCTAGTTTGGAACAGATGAATGGGGAAGTTTTCAGGCA	169
NM_001095910_xl.L	ACCAAAGATGTGGAATTCAGTCTAGTTTGGAACAGATGAATGGGGAATTTTCAGTCA	176
	***** ** * ***** ***** ***** ** * ** * ** *	
	T K D M E F S A S L E Q M N G E V F Q A	
LOC108705441_XL.S	GTTGAGCCTCCAGCAGATCCATGGGAAGGCT ----- GATTATGTTTGGGA	285
NM_001011335_xt	GTGGAGCCTCCAGGAGATCTACGGGCCGGCTGATTATGCACAGCATGGCTATGTTTGGGA	229
NM_001095910_xl.L	GTGGAGCCTCCAGAAGATCTACGGGCAGGCTGATTATGCACAGCATGGCTATGTTTGGGA	236
	** ***** ** * ** * ** * * *****	
	V E P P R R S T G R L I M H S M A M F G	
LOC108705441_XL.S	AGGGAATTTTACTACGCTATGGAGGCAGCCTACGTAACCCCTGTGTTGCTCAGTTTGGGA	345
NM_001011335_xt	AGGGAATTTTGTCTACGCTGTGGAGGCAGCCTTCGTAACCCCTGTCTGCTCAGCGTGGGA	289
NM_001095910_xl.L	AGGGAATTTTGTCTACGCCGTGGAGGCAGCCTATGTAACCCCTGTGTTGCTCAGTGTGGGT	296
	***** ***** ***** ***** ***** *****	
	R E F C Y A V E A A F V T P V L L S V G	
LOC108705441_XL.S	TTGACCAAGAGTTTGTACAGTCTCGTATGGCTCATCAGCCCATCTTGGGATTCATTCTC	405
NM_001011335_xt	TTGCCCAGGAGTTTGTACAGTCTTGTCTGGCTCATCAGCCCATCTTGGGATTCATTCTC	349
NM_001095910_xl.L	TTGCCCAAGAGTTTGTACAGTCTCGTCTGGCTCATCAGCCCATCTTGGGTTTCATTCTC	356
	*** ** ***** ***** ** ***** ***** ***** *****	
	L P R S L Y S L V W L I S P I L G F I L	
LOC108705441_XL.S	CAGCCAGTTGTTGGAAGTGCCAGTGATCACTGTCGCTCTTCATGGGGGAGAAGGAGTCC	465
NM_001011335_xt	CAGCCGGTTCGTTGGGATCTGCCAGTGATTACTGTCGGTCTCGATGGGGGAGAAGGAGGCCT	409
NM_001095910_xl.L	CAGCCAGTTGTTGGATCTGCCAGTGATCATTTGTCGGTCTCGATGGGGGAGAAGGAGGCCT	416
	***** ** * ** * ***** ***** * ***** ** * ***** ***** *****	
	Q P V V G S A S D Y C R S R W G R R R P	
LOC108705441_XL.S	TATATCTTATGTTTGGGGATCATTGTGGTGTGGGTATGACCTTCTATCTAAATGGAGAC	525
NM_001011335_xt	TATATCTTATGTTTGGGGATCATTATGGTGTGGGGATGACACTCTACCTCAATGGAGAT	469
NM_001095910_xl.L	TATATCTTATGTTTGGGGATCATCATGTTGCTGGGCATGACCTCTACCTCAATGGAGAC	476
	***** ***** ***** ***** ***** ***** ***** *****	
	Y I L C L G I I M V L G M T L Y L N G D	
LOC108705441_XL.S	ACTGCAGTATCTGCCGTTCTCGGGAGCAGTGCAGAAAAGAGGACCTGGGCGATAGTTGTT	585
NM_001011335_xt	ACTGCAGTAACCGCGGTTCTCGGGACCAGCCAGAAAAAACGACCTGGGCTATTTGTGATT	529
NM_001095910_xl.L	ACTGCAGTAACGCGGTTCTCGGGACCAGTGCAGAAAAAACGACCTGGGCGATAGTGATT	536
	***** * ***** ***** ** ***** * ***** ** * ** *	
	T A V T A V L G T S P E K T T W A I V I	
LOC108705441_XL.S	ACTAAGCTGGGAGTTGTGGCCTTTGATTTTGTCTGTGG ---- ATCGATGGGCCAATCAAG	640
NM_001011335_xt	ACTATGCTCGGAGTGGTTCGCTTTGATTTTGCAGGACTTTATCGATGGGCCGATCAAG	589
NM_001095910_xl.L	ACTATGCTGGGAGTTGTTCGCTTTGATTTTGTCTGCGGATTTATCGACGGGCCAATCAAG	596
	**** ** * ** * ***** ***** * ***** ***** *****	
	T M L G V V A F D F A A D F I D G P I K	
LOC108705441_XL.S	GCGTATCTGTTTCGATGTGTGCTCACACCATTATAAGGAAAGGGGACTTCATTATCATGTG	700
NM_001011335_xt	GCTTATTTGTTTGTGTTGTTGCTCACACCATGATAAGGAAAGGGGCTTCATTATCACGCA	649
NM_001095910_xl.L	GCGTATTTGTTTCGATGTGTGCTCACACCATGATAAGGAAAGGGGCTTCATTATCATGCG	656
	** ** * ** * ***** ***** * ***** ***** ***** *****	
	A Y L F D V C S H H D K E R G L H Y H A	

LOC108705441_XL.S	<u>CTCTTCACAGGTCTCGGAGGAGTTCTGGGTATTTGACTGGTGCTATGGACTGGGGTTCA</u>	760
NM_001011335_xt	CTCTTCACTGGTCTCGGAGGAGCTCTGGGGTATCTGACTGGTGCTATGGACTGGGGTTCA	709
NM_001095910_xl.L	CTCTTCACTGGTCTTGGAGGAGCTCTGGGTATCTGACTGGTGCTATGGACTGGGGTTCA	716
	***** L F T G L G G A L G Y L T G A M D W G S	
LOC108705441_XL.S	<u>ACATTTCTTGAAGGATAAGGGGATCGGAATTCAGGTCATGTTCTTTTGCTCTTCA</u>	820
NM_001011335_xt	<u>ACTTTTCCTTGAAGGATAATGGGATCTGAATTCAGGTCATGTTCTTTTGCTCTTCA</u>	769
NM_001095910_xl.L	ACTTTTCCTTGAAGGATAATGGGATCCGAATTCAGGTCATGTTCTTTTGCTTCCGCA	776
	***** T F L G R I M G S E F Q V M F F F A S S	
LOC108705441_XL.S	<u>GTCTTTCTCCTTTTGCTTGTGGTGCATTTGTGCAGCATTCTGAAATCACCTGGCAGAT</u>	880
NM_001011335_xt	<u>GTCTTCCCTCATTTTCTTGGCGTGCATTTGTGCAGTATTCTGAAATCCCCCTCGAAGAT</u>	829
NM_001095910_xl.L	GTCTTTCTGATTTTGCTTGTGGTGCATTTGTGCAGCATTCTGAAATCCCCATTGCAGAC	836
	***** V F L I F L A V H L C S I P E I P L E D	
LOC108705441_XL.S	<u>GACAAACAGGAAAGACAGATGCTGCTGAAGCAGGACCAACTGGGTGCTTACGGGTCAATT</u>	940
NM_001011335_xt	<u>GAGAAACAAGAAACACAGATGCTGCTGAAACATGACCATCTCGGTGCTTATGGGTCAATC</u>	889
NM_001095910_xl.L	GAGAAGCAGGAATCACAGATGCTACTGAAACATGACCATCTGGGGCTTACGGGTCAATC	896
	***** E K Q E T Q M L L K H D H L G A Y G S I	
LOC108705441_XL.S	<u>GATAACACCCAAAATGgaattTaaacaaaa-----actacaagaTCATTATCTcaaACA</u>	994
NM_001011335_xt	<u>GATAAAGCTCAAATGGAATTTTAAAAAACAGGAAGACCTCAAGATCATTATCTCAGGTG</u>	949
NM_001095910_xl.L	GATAAAACCCAAAATGGCATTTTAAAAACA---AAGACCACAAGATCATTATCTCAGGTG	953
	***** D K A Q N G I L K N R K T S R S L S Q V	
LOC108705441_XL.S	<u>AAAGAAAACAatccgttatccagaaaaccccagGTACAAAAACGAATGAGCGTTAAGTCG</u>	1054
NM_001011335_xt	<u>GAAGAAAATAACCCAAATGACCGAGAAGAGCAGGTGCAAAAACGGATGACGGTTAAATCA</u>	1009
NM_001095910_xl.L	GAAGAAAATGACTCCAGTGACCGAGAAGAACAGGTGCAAAAACGAATGACTGTTAAATCG	1013
	***** E E N N P N D R E E Q V Q K R M T V K S	
LOC108705441_XL.S	<u>CTGACAACAGCTCTTCTTACCATGCTGctcattatcGTTACCTATGCCTGAGCCACTTT</u>	1114
NM_001011335_xt	<u>CTGATCAGTGCTCTTTTTTACCATGCTGCTCATTATCGCTACCTGTGCCTGAGCCACTTA</u>	1069
NM_001095910_xl.L	CTGATAAATGCCCTTCTAACGATGCCGCTCATTATCGCTACTTATGCATCAGCCACTTA	1073
	***** L I S A L F T M P A H Y R Y L C L S H L	
LOC108705441_XL.S	<u>ATTAGATGGACTGTTTTCTTTCTAATATGCTGTTCTTCACTGACTTCATTGGTCAGATC</u>	1174
NM_001011335_xt	<u>ATTGGATGGACCCTTTCTTTTCAATATGTTGTTCTTTACGACTTTATGGCCAGATC</u>	1129
NM_001095910_xl.L	ATTGGATGGACCCTTTCTTTTCAATATGCTGTTCTTACCAGACTTCATGGCCAGATC	1133
	***** I G W T A F L S N M L F F T D F M G Q I	
LOC108705441_XL.S	<u>GTATACCATGGAATCCATATGCAGAACATAACTCCACGGCATATCACATCTATGAAAGA</u>	1234
NM_001011335_xt	<u>GTATACCATGGAACCCCTATGCAGAACATAACTCCACAGCATATCTAACCTATGAAAGA</u>	1189
NM_001095910_xl.L	GTATACCATGGAATCCATATGCAGAACATAACTCCACGGCATCTTATCTACGAAAGA	1193
	***** V Y H G N P Y A E H N S T A Y L T Y E R	
LOC108705441_XL.S	<u>GGAGTGAAGTAGGCTGCTGGGTATGTGTATCAATGCAATCTCCTCCGCTTTGTATTCA</u>	1294
NM_001011335_xt	<u>GGAGTGAAGTAGGCTGCTGGGGTATGTGTATCAATGCAATCTCCTCAGCGTTGTATTCA</u>	1249
NM_001095910_xl.L	GGAGTGAAGTAGGCTGCTGGGTATGTGTATCAATGCAATCTCCTCCGCTTTGTATTCA	1253
	***** G V E V G C W G M C I N A I S S A L Y S	
LOC108705441_XL.S	<u>TACCTTCAGAAAGCACTTCTTCCATATATTTGGATTAAAAGGCCTATATTTTCTTGCTAC</u>	1354
NM_001011335_xt	<u>TACATTCAGAAAGCACTTCTTCCATATATCGGATTGAAAGGCCTATATTTCTTGCTAC</u>	1309
NM_001095910_xl.L	TACCTTCAGAAAGCACTTCTTCCATTCATCGGATTGAAAGGCCTATATTTCTGGGCTAC	1313
	***** Y I Q K A L L P Y I G L K G L Y F L G Y	
LOC108705441_XL.S	<u>CTCTGTTTGGGCT-CATACGGATTTATTGGGTTATTTCTAATGTCTAATCCACCCTA</u>	1413
NM_001011335_xt	<u>CTTCTGTTTGGATTGGGCACCTGGGTTTATTGGGCTGTTTCCCAATGTTTACTCCACCCTA</u>	1369
NM_001095910_xl.L	CTTCTGTTTGGCTTGGTACTGGATTTATTGGGCTGTTTCCCAACGTTTACTCCACCCTA	1373

