



gi		74005261		ref		XP_860529.1		MIMESGAENQSGDAAVTEAENQOMTVQAQPQIATLAQVSMSPAHAHATSSAPTITLVLPNGQTVVHGVIQAAQPSVIOQSPQVQTVG-----ISTIAESEDSQESVDSVTDQKRRREILSRRPSYRKILNDLSSDAPGVPR	136
gi		27805857		ref		NP_776710.1		--MESGAENQSGDAAVTEAESQOMTVQAQPQIATLAQVSMSPAHAHATSSAPTITLVLPNGQTVVHGVIQAAQPSVIOQSPQVQTVG-----ISTIAESEDSQESVDSVTDQKRRREILSRRPSYRKILNDLSSDAPGVPR	134
gi		19745184		ref		NP_604391.1		MIMESGAENQSGDAAVTEAENQOMTVQAQPQIATLAQVSMSPAHAHATSSAPTITLVLPNGQTVVHGVIQAAQPSVIOQSPQVQTVGSSCKDLKRLFGTQISTIAESEDSQESVDSVTDQKRRREILSRRPSYRKILNDLSSDAPGVPR	150
gi		114582952		ref		XP_001139927.1		MIMESGAENQSGDAAVTEAENQOMTVQAQPQIATLAQVSMSPAHAHATSSAPTITLVLPNGQTVVHGVIQAAQPSVIOQSPQVQTVGSSCKDLKRLFGTQISTIAESEDSQESVDSVTDQKRRREILSRRPSYR-----	135
gi		82546874		ref		NP_598589.2		MIMESGADNQGSDAAVTEAENQOMTVQAQPQIATLAQVSMSPAHAHATSSAPTITLVLPNGQTVVHGVIQAAQPSVIOQSPQVQTVG-----ISTIAESEDSQESVDSVTDQKRRREILSRRPSYRKILNDLSSDAPGVPR	136
gi		19745186		ref		NP_604392.1		MIMDSGADNQGSDAAVTEAESQOMTVQAQPQIATLAQVSMSPAHAHATSSAPTITLVLPNGQTVVHGVIQAAQPSVIOQSPQVQTVG-----ISTIAESEDSQESVDSVTDQKRRREILSRRPSYKILNDLSSDAPGVPR	136
gi		45383261		ref		NP_989781.1		MIMESGAENQSGDAAVTEAETQOMTVQAQPQIATLAQVSMSPAHAHATSSAPTITLVLPNGQTVVHGVIQAAQPSVIOQSPQVQTVG-----ISTIAESEDSQESVDSVTDQKRRREILSRRPSYRKILNDLSSDAPGVPR	136
gi		41053871		ref		NP_957203.1		MIMEAGADVCGGDTAVSETDTQ-----QIATLAQVSMSPAHAHATSSAPTITLVLPNGQTVVHGVIQAAQPSVIOQSPQVQTVG-----ISTIAESDDSQESVDSVTDQKRRREILSRRPSYRKILNDLSSDAPAVPR	128

1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150



gi		74005261		ref		XP_860529.1		IEEEKSEETSAPAITITVTVPTPIYQTSSGQYIAITQGGAIQLANNQTDGVOGLQTLTMTNAAAAPQPTIILQYAOTTDGQOILVPSNQVVVQDLSLDPANVSYTMCPLLFFSAASGDVQYQIRTAPTSTIAPGVVMASSPALPT	286
gi		27805857		ref		NP_776710.1		IEEEKSEETSAPAITITVTVPTPIYQTSSGQYIAITQGGAIQLANNQTDGVOGLQTLTMTNAAAAPQPTIILQYAOTTDGQOILVPSNQVVVQ-----AASGDVQYQIRTAPTSTIAPGVVMASSPALPT	260
gi		19745184		ref		NP_604391.1		IEEEKSEETSAPAITITVTVPTPIYQTSSGQYIAITQGGAIQLANNQTDGVOGLQTLTMTNAAAAPQPTIILQYAOTTDGQOILVPSNQVVVQ-----AASGDVQYQIRTAPTSTIAPGVVMASSPALPT	276
gi		114582952		ref		XP_001139927.1		---EKSEETSAPAITITVTVPTPIYQTSSGQYIAITQGGAIQLANNQTDGVOGLQTLTMTNAAAAPQPTIILQYAOTTDGQOILVPSNQVVVQ-----AASGDVQYQIRTAPTSTIAPGVVMASSPALPT	258
gi		82546874		ref		NP_598589.2		IEEEKSEETSAPAITITVTVPTPIYQTSSGQYIAITQGGAIQLANNQTDGVOGLQTLTMTNAAAAPQPTIILQYAOTTDGQOILVPSNQVVVQ-----AASGDVQYQIRTAPTSTIAPGVVMASSPALPT	262
gi		19745186		ref		NP_604392.1		IEEEKSEETSAPAITITVTVPTPIYQTSSGQYIAITQGGAIQLANNQTDGVOGLQTLTMTNAAAAPQPTIILQYAOTTDGQOILVPSNQVVVQ-----AASGDVQYQIRTAPTSTIAPGVVMASSPALPT	262
gi		45383261		ref		NP_989781.1		IEEEKSEETAAPAIAITVTVPTPIYQTSSGQYIAITQGGAIQLANNQTDGVOGLQTLTMTNAAAAPQPTIILQYAOTTDGQOILVPSNQVVVQ-----AASGDVQYQIRTAPTSTIAPGVVMASSPALPT	262
gi		41053871		ref		NP_957203.1		IEEEKSEED-ETPAITITVTVPTPIYQTSSGQYIAITQGGAIQLANNQTDGVOGLQTLTMTNAAAAPQPTIILQYAOTSDGQOILVPSNQVVVQ-----AASGDVQYQIRTAASSTIAPGVVMASSPALPS	253

.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300



gi		74005261		ref		XP_860529.1		QPAEEAARKREVRMLKNREAAECCRKKKEYVKLENRVAVLENQNTLIEELKALKDLYCHKSD	351
gi		27805857		ref		NP_776710.1		QPAEEAARKREVRMLKNREAAECCRKKKEYVKLENRVAVLENQNTLIEELKALKDLYCHKSD	325
gi		19745184		ref		NP_604391.1		QPAEEAARKREVRMLKNREAAECCRKKKEYVKLENRVAVLENQNTLIEELKALKDLYCHKSD	341
gi		114582952		ref		XP_001139927.1		QPAEEAARKREVRMLKNREAAECCRKKKEYVKLENRVAVLENQNTLIEELKALKDLYCHKSD	323
gi		82546874		ref		NP_598589.2		QPAEEAARKREVRMLKNREAAECCRKKKEYVKLENRVAVLENQNTLIEELKALKDLYCHKSD	327
gi		19745186		ref		NP_604392.1		QPAEEAARKREVRMLKNREAAECCRKKKEYVKLENRVAVLKNQNTLIEELKALKDLYCHKSD	327
gi		45383261		ref		NP_989781.1		QPAEEAARKREVRMLKNREAAECCRKKKEYVKLENRVAVLENQNTLIEELKALKDLYCHKSD	327
gi		41053871		ref		NP_957203.1		QGAEEATRKREVRMLKNREAAECCRKKKEYVKLENRVAVLENQNTLIEELKALKDLYCHKSE	318

.....310.....320.....330.....340.....350.....360.....

