

gi	68299781	ref	NP_001019808.1	-----	
gi	68299811	ref	NP_991346.1	-----	
gi	66392192	ref	NP_001018147.1	-----	
gi	114647371	ref	XP_001147407.1	MSRFQOOLGTANSWLFPLLEDGKAKLPSLALDTPFAISWEGPLGORLLKVTINYSAGPKAHPPGSGQSGVACPLGAQAKEVGGQPGYGVVAGQSSSLPSRGGRAEAPLTRTGRLLARRGADPPTSLPEGAAGRAEGLLTSCKRGACRRRPA	150
gi	6679078	ref	NP_032731.1	-----	
gi	55926145	ref	NP_114021.2	-----	
gi	45384260	ref	NP_990378.1	-----	
gi	41053595	ref	NP_571002.1	-----	
gi	17506807	ref	NP_492761.1	-----	
gi	18413214	ref	NP_567346.1	-----	
gi	115483468	ref	NP_001065404.1	-----	-----MCGLYIILFCL
gi	145601735	ref	XP_363038.2	-----	
gi	32405858	ref	XP_323542.1	-----	
gi	50306511	ref	XP_453229.1	-----	
gi	45185325	ref	NP_983042.1	-----	
gi	6322783	ref	NP_012856.1	-----	
gi	19113769	ref	NP_592857.1	-----	

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

gi	68299781	ref	NP_001019808.1	-----MANSERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	144
gi	68299811	ref	NP_991346.1	-----MANSERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	144
gi	66392192	ref	NP_001018147.1	-----MANLERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	144
gi	114647371	ref	XP_001147407.1	PPASRTMANLERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	300
gi	6679078	ref	NP_032731.1	-----MANLERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	144
gi	55926145	ref	NP_114021.2	-----MANLERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	144
gi	45384260	ref	NP_990378.1	-----MAANCERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	145
gi	41053595	ref	NP_571002.1	-----MAGKERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	145
gi	17506807	ref	NP_492761.1	-----MSNERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	144
gi	18413214	ref	NP_567346.1	LRITSNKKTMEOTFIMIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	160
gi	115483468	ref	NP_001065404.1	-----MALRQTFIMIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	142
gi	145601735	ref	XP_363038.2	-----MSLEOTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	143
gi	32405858	ref	XP_323542.1	-----MSNQOTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	144
gi	50306511	ref	XP_453229.1	-----MSNERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	144
gi	45185325	ref	NP_983042.1	-----MSDERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	143
gi	6322783	ref	NP_012856.1	-----MSQERTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	145
gi	19113769	ref	NP_592857.1	-----MSLEOTFIAIKPDGVSRLVGEIIRKRFQKGFRLIAMKLIQASDILLKEHYIDLKDRPPFAGLVKYMNSGPVVAMVWEGLVVVKTRVLMGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVEAЕКEIGLWFPPEELVDYKS	143

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



gi	68299781	ref	NP_001019808.1	-CAQNWIYE--	152
gi	68299811	ref	NP_991346.1	-CAQNWIYE--	152
gi	66392192	ref	NP_001018147.1	-CAHDWVYE--	152
gi	114647371	ref	XP_001147407.1	-CAHDWVYE--	308
gi	6679078	ref	NP_032731.1	-CAHDWVYE--	152
gi	55926145	ref	NP_114021.2	-CAHDWVYE--	152
gi	45384260	ref	NP_990378.1	-CAHDWVYE--	153
gi	41053595	ref	NP_571002.1	-CAQEWIYE--	153
gi	17506807	ref	NP_492761.1	PFINSWVYE--	153
gi	18413214	ref	NP_567346.1	-SVHPVWVET-	169
gi	115483468	ref	NP_001065404.1	-NQHPWIYEV-	151
gi	145601735	ref	XP_363038.2	-SQASWIYEK-	153
gi	32405858	ref	XP_323542.1	-HSAAWIFE--	152
gi	50306511	ref	XP_453229.1	-NQLSWIYE--	152
gi	45185325	ref	NP_983042.1	-NQLSWIYE--	151
gi	6322783	ref	NP_012856.1	-NQAKWIYE--	153
gi	19113769	ref	NP_592857.1	-TIEPWIYE--	151

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