

gi		22507319	ref	NP_082666.1	KLGEKKNVFSGOVNIKQKMQELNNDINLQOTVIYQASQALNCCVDEEHGKGSLEEEAEERLLLIATEKRALLIDELNKLKSEGPORRNTAVASQSGFAPSKGSVTLSEICLPLKADFVCSIAOKTIDASNYYYLIMLKAGAEQMVATPLA	846
gi		109505143	ref	XP_225479.4	KLSEKNGVFSGOVNIKQKMQELNNDINLQOTVIYQASQALNCCVDEEHGKGSLEEEAEERLLLIATEKRALLIDELNKLKSEGPORRNTAVASQSGFAPSKGSVTLSEICLPLKADFVCSIAOKTIDASNYYYLIMLKAGAEQMVATPLA	802
gi		31657094	ref	NP_061155.2	KLDEKNNAFPCCOVNIKQKMQELNNEINMQOTVIYQASQALNCCVDEEHGKGSLEEEAEERLLLIATEKRLLIDELNKLKNEGPORRNTAVASQSGFAPSKGSVTLSEIRLPLKADFVCSIVOKPDAANYYFLIILKAGAEINMVAITPLA	849
gi		114612844	ref	XP_001169854.1	KLDEKNNAFPCCOVNIKQKMQELNNEINMQOTVIYQASQALNCCVDEEHGKGSLEEEAEERLLLIATEKRLLIDELNKLKNEGPORRNTAVASQSGFAPSKGSVTLSEIRLPLKADFVCSIVOKPDAANYYFLIILKAGAEINMVAITPLA	813
gi		73976597	ref	XP_539518.2	KLDEKNNAFPCCOVNIKQKMQELNNEINLQOTVIYQASQALNCCVDEEHGKGSLEEEAEERLLLIATEKRLLIDELNKLKNEGPORRNTAVASQSGFAPSKGSVTLSEIRLPLKADFVCSIVOKPDAANYYFLIILKAGAEINMVAITPLA	846
gi		119891026	ref	XP_596461.3	KLDEKNNAFPCCOVNIKQKMQELNNEINLQOTVIYQASQALNCCVDEEHGKGSLEEEAEERLLLIATEKRLLIDELNKLKNEGPORRNTAVASQSGFAPSKGSVTLSEIRLPLKADFVCSIVOKPDAANYYFLIILKAGAEINMVAITPLA	887
gi		118086193	ref	XP_418836.2	KLDEKNNAFPCCOVNIKQKMQELNNEINMQOTVIYQASQALNCCVDEEHGKGSLEEEAEERLLLIATEKRLLIDELNKLKNEGPORRNTAVASQSGFAPSKGSVTLSEIRLPLKADFVCSIVOKPDAANYYFLIILKAGAEINMVAITPLA	846
gi		189531458	ref	XP_687779.3	ICSKK-----PINVKERIKALNEAAKIQITITITLQALSCCDEEHGKGSQEEAEAEKLLLVSEKRAALLAEVNRLEGEF-----GEPESQNAFLQPCRGIVSISIIQLPLKVEFVCSAR--TGRFRHYFFVLRVYGFCLIMATPLA	672



gi		22507319	ref	NP_082666.1	STANSLSGDALTFPTTFLLHDVSNDFEINIEVYSLVQKDDSLGPDKKKASKSKAITPKRLLTSITKSSLSHSSVMASPGGLGAVRTSNFTLVGSHLTLSSVGDTKFALDKVPFLLSLEGHICLKISCOVNSVVEKGFLLTFEDVSGF	996
gi		109505143	ref	XP_225479.4	STANSLSGDALTFPTTFLLHDVSNDFEINIEVYSLVQKDDSLGPEKKKASKSKAITPKRLLTSITKSSLSHSSVMASPGGLGAVRTSNFTLVGSHLTLSSVGDTKFALDKVPFLLSLEGHICLKISCOVNSVVEKGFLLTFEDVSGF	952
gi		31657094	ref	NP_061155.2	STNSLNGDALTFPTTFLLQDVSNDFEINIEVYSLVQKDDPSGLDKKKASKSKAITPKRLLTSITKSNHSSVMASPGGLGAVRTSNFALVGSYTLTLSSVGNFKFVLDKVPFLLSLEGHYILKIKCOVNSVVEKGFLLTFEDVSGF	999
gi		114612844	ref	XP_001169854.1	STNSLNGDALTFPTTFLLQDVSNDFEINIEVYSLVQKDDPSGLDKKKASKSKAITPKRLLTSITKSNHSSVMASPGGLGAVRTSNFALVGSYTLTLSSVGNFKFVLDKVPFLLSLEGHYILKIKCOVNSVVEKGFLLTFEDVSGF	963
gi		73976597	ref	XP_539518.2	CTNSLNGDALTFPTTFLLQDVSNDFEINIEVYSLVQKDDPSGLDKKKASKSKAITPKRLLTSITKSSVHSSVMASPGGLNAVRTSNFALVGSYTLTLSSVGNFKFVLDKVPFLLSLEGHYILKIKCOVNSVVEKGFLLTFEDVSGF	996
gi		119891026	ref	XP_596461.3	STSTSLNGDALTFPTTFLLQDVSNDFEINIEVYSLVQKDDPSGLDKKKASKSKAITPKRLLTSITKSSLSHSSVMAS---LNAVRTSNFALVGSYTLTLSSVGNFKFALDRVPFLLSLEGHYILKIKCOVNSVVEKGFLLTFEDVSGF	1034
gi		118086193	ref	XP_418836.2	STASLNGDALTFPTTFLLHDVSNDFEINIEVYSLVQKDEAPSTDKKKASKSKAITPKRLLTSITKSNMIFSTAMASPGGPNVARTTNFVILVGTGKLSLSSVGHAKFALEKVPVLSLEGHYILKIKCOVNSVVEKGFLLTFEDVSGF	996
gi		189531458	ref	XP_687779.3	TAADAQNGDTITPTPTITLDRWFEYLHRODIRSSFIDEVWLSLNTQSNICSLNVQFRSSKSRKSNQASATLPCLAQRSSNFTLVGSHKILTLNLSLQSKFPLDKVPFLLSLEGHYILRLHSEHNSVQHEGFLTMFEDVSGF	822



gi		22507319	ref	NP_082666.1	GAWHRRWCVLSSGNCISYWTYPDDEKRKNPIGRINLANCTSHQIEPANREFCARRNTELELITVRPQREDDRETLVSCQDRLCVTKNWLSDATKKEERDLWMOKLNQVLDIRLWQPDACYKPVGKPK-----	1121
gi		109505143	ref	XP_225479.4	GAWHRRWCVLSSGNCISYWTYPDDEKRKNPIGRINLANCTSHQIEPANREFCARRNTELELITVRPQREDDRETLVSCQDRLCVTKNWLSDATKKEERDLWMOKLNQVLDIRLWQPDACYKPVGKPK-----	1077
gi		31657094	ref	NP_061155.2	GAWHRRWCVLSSGNCISYWTYPDDEKRKNPIGRINLANCTSHQIEPANREFCARRNTELELITVRPQREDDRETLVSCQDRLCVTKNWLSDATKKEERDLWMOKLNQVLDIRLWQPDACYKPVGKPK-----	1124
gi		114612844	ref	XP_001169854.1	GAWHRRWCVLSSGNCISYWTYPDDEKRKNPIGRINLANCTSHQIEPANREFCARRNTELELITVRPQREDDRETLVSCQDRLCVTKNWLSDATKKEERDLWMOKLNQVLDIRLWQPDACYKPVGKPK-----	1088
gi		73976597	ref	XP_539518.2	GAWHRRWCVLSSGNCISYWTYPDDEKRKNPIGRINLANCTSHQIEPANREFCARRNTELELITVRPQREDDRETLVSCQDRLCVTKNWLSDATKKEERDLWMOKLNQVLDIRLWQPDACYKPVGKPK-----	1121
gi		119891026	ref	XP_596461.3	GAWHRRWCVLSSGNCISYWTYPDDEKRKNPIGRINLANCTSHQIEPVNREFCARRNTELELITVRPQREDDRETLVSCQDRLCVTKNWLSDATKKEERDLWMOKLNQVLDIRLWQPDACYKPVGKPK-----	1159
gi		118086193	ref	XP_418836.2	GAWHRRWCVLSSGNCISYWTYPDDEKRKNPIGRINLANCTSHQIEPVNREFCARRNTELELITVRPQREDDRETLVSCQDRLCVTKNWLSDATKKEERDLWMOKLNQVLDIRLWQPDACYKPVGKPK-----	1121
gi		189531458	ref	XP_687779.3	GAWQRFYFLLEGHLLWNNYPNEMGSKPADGSLSLYGFC-----VVRPVERECCARPHIFELVETSTFKEDSOTLK-----KCFWSDATREERSDWMEKLNQVLDIRLWQPDACYKPVGKPK-----SSTSGHSRESLII	948

