

gi | 47777351 | ref | NP_034272.1 | **SGHLKLP** **PKREIFVAIKTLKSGYTEKORRDFLSEASIMGQFDHPNVIHLEGGVTKSTPVMII** **EFMENGSLDSFLRQNDGQFTVIQLVGMLR** **GIAAGMKYLADMN** **YVHRDLAARNILVNSNLVCKVSD** **FGLSRFLEDDTSDPT** **YTSALGG** 900
gi | 109475684 | ref | XP_233574.4 | **SGHLKLP** **PKREIFVAIKTLKSGYTEKORRDFLSEASIMGQFDHPNVIHLEGGVTKSTPVMII** **EFMENGSLDSFLRQNDGQFTVIQLVGMLR** **GIAAGMKYLADMN** **YVHRDLAARNILVNSNLVCKVSD** **FGLSRFLEDDTSDPT** **YTSALGG** 900
gi | 21396504 | ref | NP_004433.2 | **SGHLKLP** **PKREIFVAIKTLKSGYTEKORRDFLSEASIMGQFDHPNVIHLEGGVTKSTPVMII** **EFMENGSLDSFLRQNDGQFTVIQLVGMLR** **GIAAGMKYLADMN** **YVHRDLAARNILVNSNLVCKVSD** **FGLSRFLEDDTSDPT** **YTSALGG** 900
gi | 114554617 | ref | XP_513189.2 | **SGHLKLP** **PKREIFVAIKTLKSGYTEKORRDFLSEASIMGQFDHPNVIHLEGGVTKSTPVMII** **EFMENGSLDSFLRQNDGQFTVIQLVGMLR** **GIAAGMKYLADMN** **YVHRDLAARNILVNSNLVCKVSD** **FGLSRFLEDDTSDPT** **YTSALGG** 900
gi | 194665021 | ref | XP_885612.3 | **SGHLKLP** **PKREIFVAIKTLKSGYTEKORRDFLSEASIMGQFDHPNVIHLEGGVTKSTPVMII** **EFMENGSLDSFLRQNDGQFTVIQLVGMLR** **GIAAGMKYLADMN** **YVHRDLAARNILVNSNLVCKVSD** **FGLSRFLEDDTSDPT** **YTS--GG** 900
gi | 73950250 | ref | XP_544506.2 | **SGHLKLP** **PKREIFVAIKTLKSGYTEKORRDFLSEASIMGQFDHPNVIHLEGGVTKSTPVMII** **EFMENGSLDSFLRQNDGQFTVIQLVGMLR** **GIAAGMKYLADMN** **YVHRDLAARNILVNSNLVCKVSD** **FGLSRFLEDDTSDPT** **YTSALGG** 900
gi | 46395489 | ref | NP_996834.1 | **SGHLKLP** **PKREIFVAIKTLKSGYTEKORRDFLSEASIMGQFDHPNVIHLEGGVTKSTPVMII** **EFMENGSLDSFLRQNDGQFTVIQLVGMLR** **GIAAGMKYLADMN** **YVHRDLAARNILVNSNLVCKVSD** **FGLSRFLEDDTSDPT** **YTSALGG** 900
gi | 292627011 | ref | XP_001920022.2 | **SGNRLR** **LPKREILVAIKTLKSGYTEKORRDFLSEASIMGQFDHPNIIHLEGGVTKSTPVMII** **EFMENGSLDSFLRQNDGQFTVIQLVGMLR** **GIAAGMKYLADMN** **YVHRDLAARNILVNSNLVCKVSD** **FGLSRFLEDDTSDPT** **YTSALGG** 900
.....760.....770.....780.....790.....800.....810.....820.....830.....840.....850.....860.....870.....880.....890.....900



gi | 47777351 | ref | NP_034272.1 | **KIPIRWT** **APEAIQVRKFTS** **ASDVWSY** **GIVMWEVMSYGERP** **YWDMNQDVINAIEQDYRLPPMDCP** **SALHQLMLDCWQKDRNHRPKFGQIVNTL** **DKMIRNPNSLKAMAPLSSGINLPLLDRT** **IPDYTSFNTVDEWLEAIKMGQYKESFAN** 1050
gi | 109475684 | ref | XP_233574.4 | **KIPIRWT** **APEAIQVRKFTS** **ASDVWSY** **GIVMWEVMSYGERP** **YWDMNQDVINAIEQDYRLPPMDCP** **SALHQLMLDCWQKDRNHRPKFGQIVNTL** **DKMIRNPNSLKAMAPLSSGINLPLLDRT** **IPDYTSFNTVDEWLEAIKMGQYKESFTN** 1050
gi | 21396504 | ref | NP_004433.2 | **KIPIRWT** **APEAIQVRKFTS** **ASDVWSY** **GIVMWEVMSYGERP** **YWDMNQDVINAIEQDYRLPPMDCP** **SALHQLMLDCWQKDRNHRPKFGQIVNTL** **DKMIRNPNSLKAMAPLSSGINLPLLDRT** **IPDYTSFNTVDEWLEAIKMGQYKESFAN** 1050
gi | 114554617 | ref | XP_513189.2 | **KIPIRWT** **APEAIQVRKFTS** **ASDVWSY** **GIVMWEVMSYGERP** **YWDMNQDVINAIEQDYRLPPMDCP** **SALHQLMLDCWQKDRNHRPKFGQIVNTL** **DKMIRNPNSLKAMAPLSSGINLPLLDRT** **IPDYTSFNTVDEWLEAIKMGQYKESFAN** 1050
gi | 194665021 | ref | XP_885612.3 | **KIPIRWT** **APEAIQVRKFTS** **ASDVWSY** **GIVMWEVMSYGERP** **YWDMNQDVINAIEQDYRLPPMDCP** **SALHQLMLDCWQKDRNHRPKFGQIVNTL** **DKMIRNPNSLKAMAPLSSGINLPLLDRT** **IPDYTSFNTVDEWLEAIKMGQYKESFAN** 1050
gi | 73950250 | ref | XP_544506.2 | **KIPIRWT** **APEAIQVRKFTS** **ASDVWSY** **GIVMWEVMSYGERP** **YWDMNQDVINAIEQDYRLPPMDCP** **SALHQLMLDCWQKDRNHRPKFGQIVNTL** **DKMIRNPNSLKAMAPLSSGINLPLLDRT** **IPDYTSFNTVDEWLEAIKMGQYKESFAN** 1050
gi | 46395489 | ref | NP_996834.1 | **KIPIRWT** **APEAIQVRKFTS** **ASDVWSY** **GIVMWEVMSYGERP** **YWDMNQDVINAIEQDYRLPPMDCP** **SALHQLMLDCWQKDRNHRPKFGQIVNTL** **DKMIRNPNSLKAMAPLSSGINLPLLDRT** **IPDYTSFNTVDEWLEAIKMGQYKESFAS** 1050
gi | 292627011 | ref | XP_001920022.2 | **KIPIRWT** **APEAIQVRKFTS** **ASDVWSY** **GIVMWEVMSYGERP** **YWDMNQDVINAIEQDYRLPPMDCP** **SALHQLMLDCWQKDRNHRPKFSQIVNTL** **DKMIRNPNSLKATTP** **SSGVHLP** **PLLDRT** **IPDFSSFS** **VDEWLEAIKMSQYKENFAN** 1050
.....910.....920.....930.....940.....950.....960.....970.....980.....990.....1000.....1010.....1020.....1030.....1040.....1050



gi | 47777351 | ref | NP_034272.1 | **AGFTS** **FDVVSQMMMEDILR** **VGVTLAGHQK** **KILNSIQVMRAQMNQIQSVEV** 1100
gi | 109475684 | ref | XP_233574.4 | **AGFTS** **FDVVSQMMMEDILR** **VGVTLAGHQK** **KILNSIQVMRAQMNQIQSVEV** 1100
gi | 21396504 | ref | NP_004433.2 | **AGFTS** **FDVVSQMMMEDILR** **VGVTLAGHQK** **KILNSIQVMRAQMNQIQSVEV** 1100
gi | 114554617 | ref | XP_513189.2 | **AGFTS** **FDVVSQMMMEDILR** **VGVTLAGHQK** **KILNSIQVMRAQMNQIQSVEV** 1100
gi | 194665021 | ref | XP_885612.3 | **AGFTS** **FDVVSQMMMEDILR** **VGVTLAGHQK** **KILNSIQVMRAQMNQIQSVEV** 1100
gi | 73950250 | ref | XP_544506.2 | **AGFTS** **FDVVSQMMMEDILR** **VGVTLAGHQK** **KILNSIQVMRAQMNQIQSVEV** 1100
gi | 46395489 | ref | NP_996834.1 | **AGFT** **TFDIVSQMTVEDILR** **VGVTLAGHQK** **KILNSIQVMRAQMNQIQSVEV** 1100
gi | 292627011 | ref | XP_001920022.2 | **EDLTF** **FEAVSQMTMDDILR** **VGVTLAGHQK** **KILNSIQVMRAQMNQIQSVEV** 1100
.....1060.....1070.....1080.....1090.....1100

