

gi 41393610 |ref| NP_958834.1 |MLWEEI GAAPAPARAS DLPYRISSDHLKKEEKMIMMAHOYP |SWIFINEKTFITREQLNSLLKTYNIFYENOKN 150
gi 114594303 |ref| XP_526588.2 |MLWEEI GAAPAPARAS DLPYRISSDHLKKEEKMIMMAHOYP |SWIFINEKTFITREQLNSLLKTYNIFYENOKN 150
gi 110431380 |ref| NP_082754.2 |MTAMDHOFP |SWIVVNESSTISRBEOLNLYLETYNVIFYENOKN 150
gi 71043682 |ref| NP_001020842.1 |MTMDHRFP |SRIPVNERSTITREQLNSLLETYNVIFYENOKN 150
gi 73975395 |ref| XP_539314.2 |MAVKRVSDVSVGWVHIHLRGFFLSHAQFTYKPIKGFVHFLAVPGNCITSRSPKLEKLTHCVLQQLVWVNEEGDAFIPSCARKAKHKHLLSSLEEFSLLVNSDDVKEGEEKIMMAHQHSSWIFVNDRTLPVTGEQLNSLLKTYNIFYGNQKN 150
gi 194668067 |ref| XP_598333.4 |MIVGRALPGAERALPPLLE |HLAPTSPPFP | 150
gi 118090254 |ref| XP_420607.2 |MKAHHL |SFAINKEKTFITREQLNSLLKTYNIFYSDPE 150
gi 113679990 |ref| NP_001038804.1 |MNAVGSN |LVVOVGAGNVCSEAEFFSLIENLYNCFIKNTH 150
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

gi 41393610 |ref| NP_958834.1 |LHILYGE TEDGKLIVEGMLDIFWGVKRPIQLKIODEKPFSS -FTSMKSSD---VFSSKG -MTRWGEFDDLRYRISELDRTQIPMSEKRNQEDYLSYHNTILKPH --AKDEPD SPVLYRITMSEAAALVRKRMKPLMMDRKERQ ---KNRAS 300
gi 114594303 |ref| XP_526588.2 |LHILYGE TEDGKLIVEGMLDIFWGVKRPIQLKIODEKPFSS -FTSMKSSD---VFSSKG -MTRWGEFDDLRYRISELDRTQIPMSEKRNQEDYLSYHNTILKPH --AKDEPD SPVLYRITMSEAAALVRKRMKPLMMDRKERQ ---KNRAS 300
gi 110431380 |ref| NP_082754.2 |LHILYGQ TEDGQLIVEGMLDIFWGVKRPIQLKIODEKQISS -FDLLNTPF---TFSSKGRMTRWGEFDDLRYRISELDRTHTVLASEARHSPEDYLSYH --ILTPY --ADEEPSPLLYRTMSEAAALVRKRMRAPEMYRKDRMGVLSNHRAS 300
gi 71043682 |ref| NP_001020842.1 |LHILYGQ TEDGQLIVEGMLDIFWGVKRPIQLKIODEKQISS -FDLLKSPF---TFSSKGRMTRWGEFDDLRYRISEMDKTQALAPEARHSPEDYLSYH --VLKQC --ADEEPSPLLYRTMSEAAALVRKRMRAPEMYRKDRMGVLSNHRAS 300
gi 73975395 |ref| XP_539314.2 |LHILYGQ TEEGELIVEGMLDISWGVKRPIQLKIODEKQIPS -FTMLRSPD---VFSSKG -MTRWGEFDDLRYRISELDRTQIPEPEATV SQGDYLSYHSSSTLKPY --AEEEPSPLLYRTMSEAAALVRKRMKPLMMDRKERQ ---KHRAS 300
gi 194668067 |ref| XP_598333.4 |GQ TEDGKLIVEGMLDIFWGVKRPIQLKIODEKQIPS -FVLSSEPE---AFSSKRG -MTRWGEFDDLRYRISELDRTQIPEPEATV SQGDYLSYHSSSTLKPY --AEEEPSPLLYRTMSEAAALVRKRMKPLMMDRKERQ ---KHRAS 300
gi 118090254 |ref| XP_420607.2 |LQLSMDREGGKPFIEGILSIFWGVVHPIRLQIODEKQIPS -FVLLKSTENVGLFSPKRGMTWRWGEFDLHHSI --ELLSK IEEKLNSSEKSYSYESSTLKSK --SEBHDCAITLPRAVSSTA AVRKRITKESMIARTEVE ---THRFS 300
gi 113679990 |ref| NP_001038804.1 |LQLTVHEYA -GNVILEGILVYVGVKRPIRLQIODEKQTCSESSSVKSPDPIPLGNKRGMTWRWGEFDLHNSIAELEAAGSPE ---NPTEDYTVVEIMTLRPSRTMQINEDSYLIRITMSDASLVKMRVSKKMIESGKN ---RNRHFS 300
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300

gi 41393610 |ref| NP_958834.1 |INGHFYNHETSIFIPAFES ETKVRVNSNMRTEEVIKQLLQKFKIENSPODFALHIIIFANGQRRLLKKDIPLLQRLLQGPEKRNARIFLMDKDAEEISSDVAQYINFHFLLESILQRLNEEEKREIQRIVTKFNKEKATILKCLQNKLV 450
gi 114594303 |ref| XP_526588.2 |INGHFYNHETSIFIPAFES ETKVRVNSNMRTEEVIKQLLQKFKIENSPODFALHIIIFANGQRRLLKKDIPLLQRLLQGPEKRNARIFLMDKDAEEISSDVAQYINFHFLLESILQRLNEEEKREIQRIVTKFNKEKATILKCLQNKLV 450
gi 110431380 |ref| NP_082754.2 |INGHVYDHEETSIFTPVFGSETKVRANSIMRTEEVIKQLLQKFKIENSPPDFALYIIFGTGEQRLLKKTIDVPLLQRLLQGPSSKRNARIFLMDKDAEEISSDVAQYINFHFLLESILQRLDEEEKMEIERIMAKFNTERAFILKCLQSKQA 450
gi 71043682 |ref| NP_001020842.1 |INGHVYDHEETSIFTPVFGSETKVRANSIMRTEEVIKQLLQKFKIENSPPDFALYIIFGTGEQRLLKKTIDVPLLQRLLQGPSSKRNARIFLMDKDAEEISSDVAQYINFHFLLESILQRLDEEEKMEIERIMAKFNTERAFILKCLQSKRA 450
gi 73975395 |ref| XP_539314.2 |INGHFYNHETSIFIPAFGES ETKVRINSNMRTEEVIEQLLQKFKIENSPODFALYIIFATGERKRLLKEIDVPLLHRLLQGPSSKRNARIFLMDKDAEEISSDVAQYINFHFLLESILQRLNEEEKREIQRITVAKFSTEKATILKCLQSKRA 450
gi 194668067 |ref| XP_598333.4 |INGHFYNHETSIFTPVFGSETKVRVNSNMRTEEVIKQLLQKFKIENSPODFALYIIFGTGEQRLLKKTIDVPLLHRLLQGPSSKTNARIFLMDKDAEEISSDVAQYINFHFLLESILQRLNEEEKREIQRITVAKFSTEKATILKCLQSKRV 450
gi 118090254 |ref| XP_420607.2 |INGHFYNHETSIFTPVFGSETKRIRINSNMRTEEVIEQLLQKFKIENSPPDFALYIIFVSGEKKQLRSGDIPLLHRLLQGPSSKRNARIFLMDKDAEEISSDVAQYINFHFLLESILQRIKIEEEOEIQRITVAKFSTEKATILKCLQSKRV 450
gi 113679990 |ref| NP_001038804.1 |INGHFYNKTSVFPSPGATVNHINSRMTTEVITQLLHKKFVENSPEFSLYCIHQGKRRLLSSDLPWVERVLQGPSNFIMKMLMPTDEBEISLDVAQYINLEMPILKVLQKLEEQENLEIQRITKAKYOKERSLLQLCLRKKMP 450
.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450

gi 41393610 |ref| NP_958834.1 |IKTETTV 457
gi 114594303 |ref| XP_526588.2 |IKTETTV 457
gi 110431380 |ref| NP_082754.2 |AKTETTV 457
gi 71043682 |ref| NP_001020842.1 |AKTETTV 457
gi 73975395 |ref| XP_539314.2 |VKTETTV 457
gi 194668067 |ref| XP_598333.4 |IKTETTV 457
gi 118090254 |ref| XP_420607.2 |KKTETTV 457
gi 113679990 |ref| NP_001038804.1 |VKTETTV 457
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