

gi | 189491755 | ref | NP_001121640.1 | MS DGLDNEEKPPAPPLR --- MNSNDRSSALNHSSKPLPMAPEEKNK -ARLRIFPGGDKTKKKKERPEISLPDFEHTIHVGFDAVTGFEFTNSPFQTSRP --- VIVASSOSEGKMPDLYGSMCPGKLPPEGIPEOWARL 137
gi | 57113963 | ref | NP_001009039.1 | MS DGLDNEEKPPAPPLR --- MNSNDRSSALNHSSKPLPMAPEEKNK -ARLRIFPGGDKTKKKKERPEISLPDFEHTIHVGFDAVTGFEFTNSPFQTSRP --- PDLYGSQMCPEGIPEOWARL 116
gi | 194680463 | ref | XP_001252146.2 | MS DGLDNEEKPPAPPLR --- MNSNDRSSALNHSSKPLPMAPEEKNK -ARLRIFPGGDKTKKKKERPEISLPDFEHTIHVGFDAVTGFEFTNSPFQTSRP --- GIPEOWARL 101
gi | 117606272 | ref | NP_032804.2 | MS DGLDNEEKPPAPPLR --- MNSNDRSSALNHSSKPLPMAPEEKNK -ARLRIFPGGDKTKKKKERPEISLPDFEHTIHVGFDAVTGFEFTNSPFQTSRP --- GIPEOWARL 101
gi | 9506947 | ref | NP_062083.1 | MS DGLDNEEKPPAPPLR --- MNSNDRSSALNHSSKPLPMAPEEKNK -ARLRIFPGGDKTKKKKERPEISLPDFEHTIHVGFDAVTGFEFTNSPFQTSRP --- GIPEOWARL 101
gi | 74008107 | ref | XP_863427.1 | MS DGLDNEEKPPAPPLR --- MNSNDRSSALNHSSKPLPMAPEEKNK -ARLRIFPGGDKTKKKKERPEISLPDFEHTIHVGFDAVTGFEFTNSPFQTSRP --- VSKLLIVSRNHVHVPYLSHFVVCVCVCVLRSAFPFLFCGCGIPEOWARL 144
gi | 118089619 | ref | XP_420314.2 | MS DGLDNEEKPPAPPLR --- MNSNDRSSALNHSSKPLPMAPEEKNK -ARLRIFPGGDKTKKKKERPEISLPDFEHTIHVGFDAVTGFEFTNSPFQTSRP --- GIPEOWARL 101
gi | 292623515 | ref | XP_002665332.1 | MS DNGEVEDKPPAPPMRNTSTMITGSGKDGSLPHNGSKPLPNPEDKRREGFTIRSLTGGGDKTKKKK -ERPEISLPDFEHTIHVGFDAVTGFEFTNSPFQTSRP --- GMPEOWARL 105



gi | 189491755 | ref | NP_001121640.1 | LQTSNITKLEQKKNPQAVLDVLFKFDYDKEIVNNQKYSFTSGDKSAHGYYIAAHPSSTKTASEPPLAPPVSEEDDEEEEEEDNEPPPVIAPRPEHTKSIYTRSVVESIASPAVPNKEVTPPSAENANSSTLYRNTDRORKSKMTDEEIT 287
gi | 57113963 | ref | NP_001009039.1 | LQTSNITKLEQKKNPQAVLDVLFKFDYDKEIVNNQKYSFTSGDKSAHGYYIAAHPSSTKTASEPPLAPPVSEEDDEEEEEEDNEPPPVIAPRPEHTKSIYTRSVVESIASPAVPNKEVTPPSAENANSSTLYRNTDRORKSKMTDEEIT 266
gi | 194680463 | ref | XP_001252146.2 | LQTSNITKLEQKKNPQAVLDVLFKFDYDKEIVNNQKYSFTSGDKSAHGYYIAAHPSSTKTASEPPLAPPVSEEDDEEEEEEDNEPPPVIAPRPEHTKSIYTRSVVESIASPAVPNKEVTPPSAENANSSTLYRNTDRORKSKMTDEEIT 251
gi | 117606272 | ref | NP_032804.2 | LQTSNITKLEQKKNPQAVLDVLFKFDYDKEIVNNQKYSFTSGDKSAHGYYIAAHPSSTKTASEPPLAPPVSEEDDEEEEEEDNEPPPVIAPRPEHTKSIYTRSVVESIASPAVPNKEVTPPSAENANSSTLYRNTDRORKSKMTDEEIT 251
gi | 9506947 | ref | NP_062083.1 | LQTSNITKLEQKKNPQAVLDVLFKFDYDKEIVNNQKYSFTSGDKSAHGYYIAAHPSSTKTASEPPLAPPVSEEDDEEEEEEDNEPPPVIAPRPEHTKSIYTRSVVESIASPAVPNKEVTPPSAENANSSTLYRNTDRORKSKMTDEEIT 251
gi | 74008107 | ref | XP_863427.1 | LQTSNITKLEQKKNPQAVLDVLFKFDYDKEIVNNQKYSFTSGDKSAHGYYIAAHPSSTKTASEPPLAPPVSEEDDEEEEEEDNEPPPVIAPRPEHTKSIYTRSVVESIASPAVPNKEVTPPSAENANSSTLYRNTDRORKSKMTDEEIT 294
gi | 118089619 | ref | XP_420314.2 | LQTSNITKLEQKKNPQAVLDVLFKFDYDKEIVNNQKYSFTSGDKSAHGYYIAAHPSSTKTASEPPLAPPVSEEDDEEEEEEDNEPPPVIAPRPEHTKSIYTRSVVESIASPAVPNKEVTPPSAENANSSTLYRNTDRORKSKMTDEEIT 250
gi | 292623515 | ref | XP_002665332.1 | LQTSNITKLEQKKNPQAVLDVLFKFDYDKEIVNNQKYSFTSGDKSAHGYYIAAHPSSTKTASEPPLAPPVSEEDDEEEEEEDNEPPPVIAPRPEHTKSIYTRSVVESIASPAVPNKEVTPPSAENANSSTLYRNTDRORKSKMTDEEIT 223



gi | 189491755 | ref | NP_001121640.1 | LEKLRISIVSGDPKKKYTRFEKIGQASGVYALDIATGQEVAIKQMNLOQPKKELIINEILVMRENKKNPNIVNLYDSYLVGDELWVMEYLAGGSLTDVVTETCMDEGQIAAVCR 405
gi | 57113963 | ref | NP_001009039.1 | LEKLRISIVSGDPKKKYTRFEKIGQASGVYALDIATGQEVAIKQMNLOQPKKELIINEILVMRENKKNPNIVNLYDSYLVGDELWVMEYLAGGSLTDVVTETCMDEGQIAAVCR 384
gi | 194680463 | ref | XP_001252146.2 | LEKLRISIVSGDPKKKYTRFEKIGQASGVYALDIATGQEVAIKQMNLOQPKKELIINEILVMRENKKNPNIVNLYDSYLVGDELWVMEYLAGGSLTDVVTETCMDEGQIAAVCR 369
gi | 117606272 | ref | NP_032804.2 | LEKLRISIVSGDPKKKYTRFEKIGQASGVYALDIATGQEVAIKQMNLOQPKKELIINEILVMRENKKNPNIVNLYDSYLVGDELWVMEYLAGGSLTDVVTETCMDEGQIAAVCR 369
gi | 9506947 | ref | NP_062083.1 | LEKLRISIVSGDPKKKYTRFEKIGQASGVYALDIATGQEVAIKQMNLOQPKKELIINEILVMRENKKNPNIVNLYDSYLVGDELWVMEYLAGGSLTDVVTETCMDEGQIAAVCR 369
gi | 74008107 | ref | XP_863427.1 | LEKLRISIVSGDPKKKYTRFEKIGQASGVYALDIATGQEVAIKQMNLOQPKKELIINEILVMRENKKNPNIVNLYDSYLVGDELWVMEYLAGGSLTDVVTETCMDEGQIAAVCR 444
gi | 118089619 | ref | XP_420314.2 | LEKLRISIVSGDPKKKYTRFEKIGQASGVYALDIATGQEVAIKQMNLOQPKKELIINEILVMRENKKNPNIVNLYDSYLVGDELWVMEYLAGGSLTDVVTETCMDEGQIAAVCR 368
gi | 292623515 | ref | XP_002665332.1 | LEKLRISIVSGDPKKKYTRFEKIGQASGVYALDIATGQEVAIKQMNLOQPKKELIINEILVMRENKKNPNIVNLYDSYLVGDELWVMEYLAGGSLTDVVTETCMDEGQIAAVCR 336



gi | 189491755 | ref | NP_001121640.1 | ECLQALDFLHNSQVIHRDIKSDNILLGMDGSKVLTDFGFCQITPEQSKRSTMGVTPYWMAPEVVTTRKAYGPKVDIWSLGIMAIEMVEGEPYLNENPLR 521
gi | 57113963 | ref | NP_001009039.1 | ECLQALDFLHNSQVIHRDIKSDNILLGMDGSKVLTDFGFCQITPEQSKRSTMGVTPYWMAPEVVTTRKAYGPKVDIWSLGIMAIEMVEGEPYLNENPLR 500
gi | 194680463 | ref | XP_001252146.2 | ECLQALDFLHNSQVIHRDIKSDNILLGMDGSKVLTDFGFCQITPEQSKRSTMGVTPYWMAPEVVTTRKAYGPKVDIWSLGIMAIEMVEGEPYLNENPLR 485
gi | 117606272 | ref | NP_032804.2 | ECLQALDFLHNSQVIHRDIKSDNILLGMDGSKVLTDFGFCQITPEQSKRSTMGVTPYWMAPEVVTTRKAYGPKVDIWSLGIMAIEMVEGEPYLNENPLR 485
gi | 9506947 | ref | NP_062083.1 | ECLQALDFLHNSQVIHRDIKSDNILLGMDGSKVLTDFGFCQITPEQSKRSTMGVTPYWMAPEVVTTRKAYGPKVDIWSLGIMAIEMVEGEPYLNENPLR 485
gi | 74008107 | ref | XP_863427.1 | ITCFLIQCLQALDFLHNSQVIHRDIKSDNILLGMDGSKVLTDFGFCQITPEQSKRSTMGVTPYWMAPEVVTTRKAYGPKVDIWSLGIMAIEMVEGEPYLNENPLRKRERQRHREKQAPCRPDSPLNVALVLIATNGTPELONP 594
gi | 118089619 | ref | XP_420314.2 | ECLQALDFLHNSQVIHRDIKSDNILLGMDGSKVLTDFGFCQITPEQSKRSTMGVTPYWMAPEVVTTRKAYGPKVDIWSLGIMAIEMVEGEPYLNENPLR 484
gi | 292623515 | ref | XP_002665332.1 | ECLQALEFLHNSQVIHRDIKSDNILLGMDGSKVLTDFGFCQITPEQSKRSTMGVTPYWMAPEVVTTRKAYGPKVDIWSLGIMAIEMVEGEPYLNENPLR 452



gi | 189491755 | ref | NP_001121640.1 | ERLSAVFRDFLNRCEMDVDRRGSAKELLQHPFLKLAQPLSSLPPLIIAAKEAIKNSSR 580
gi | 57113963 | ref | NP_001009039.1 | ERLSAVFRDFLNRCEMDVDRRGSAKELLQHPFLKLAQPLSSLPPLIIAAKEAIKNSSR 559
gi | 194680463 | ref | XP_001252146.2 | ERLSAVFRDFLNRCEMDVDRRGSAKELLQHPFLKLAQPLSSLPPLIIAAKEAIKNSSR 544
gi | 117606272 | ref | NP_032804.2 | ERLSAVFRDFLNRCEMDVDRRGSAKELLQHPFLKLAQPLSSLPPLIIAAKEAIKNSSR 544
gi | 9506947 | ref | NP_062083.1 | ERLSAVFRDFLNRCEMDVDRRGSAKELLQHPFLKLAQPLSSLPPLIIAAKEAIKNSSR 544
gi | 74008107 | ref | XP_863427.1 | ERLSAVFRDFLNRCEMDVDRRGSAKELLQHPFLKLAQPLSSLPPLIIAAKEAIKNSSR 653
gi | 118089619 | ref | XP_420314.2 | ERLSAVFRDFLNRCEMDVDRRGSAKELLQHPFLKLAQPLSSLPPLIIAAKEAIKNSSR 543
gi | 292623515 | ref | XP_002665332.1 | ERLSAVFRDFLNRCEMDVEKRGSAKELLQHPFLKLAQPLSSLPPLIIAAKEAIKNSSR 510

