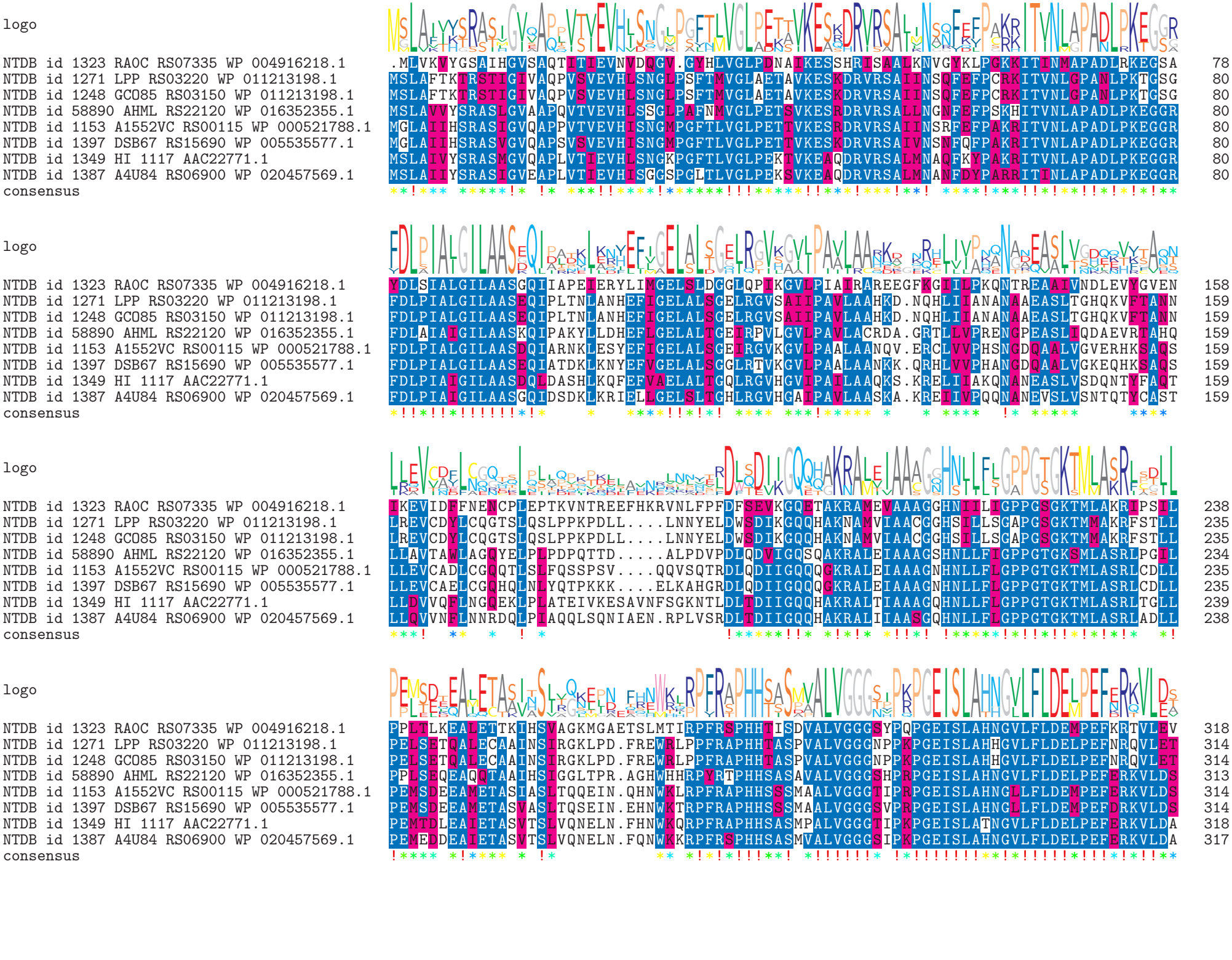
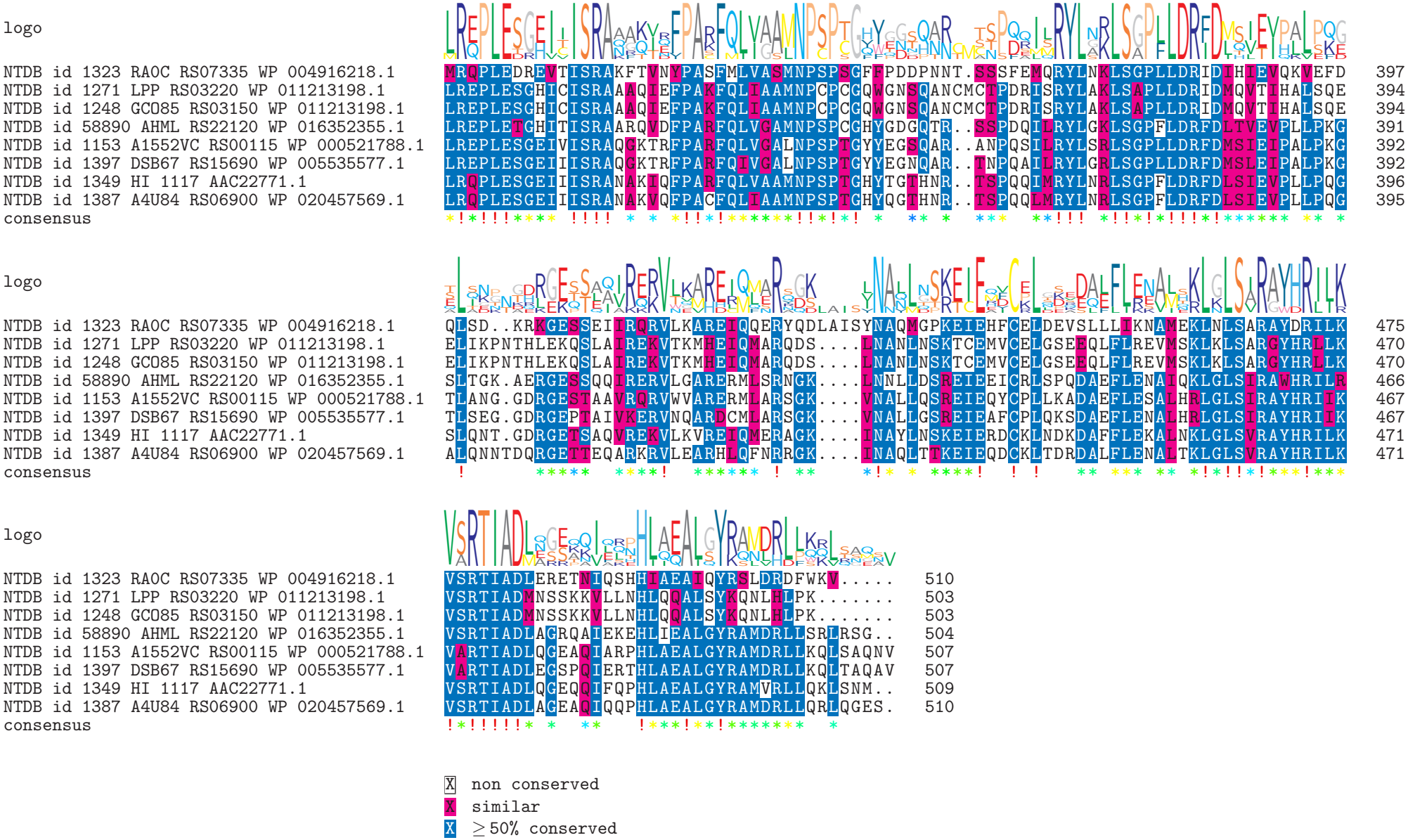

logo
NTDB id 1323 RA0C RS07335 WP 004916218.1 .MLVKVYGSAIHGVSAQTITIEVNVDQGV.GYHLVGLPDNAIKESSHRISAALKNVGYKLPGKKITINMAPADLRKEGSA 78
NTDB id 1271 LPP RS03220 WP 011213198.1 MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGSG 80
NTDB id 1248 GCO85 RS03150 WP 011213198.1 MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGSG 80
NTDB id 58890 AHML RS22120 WP 016352355.1 MSLAVVYSRASLGVAAPQVTVEVHLSSGLPAFNMVGLPETSVKESRDRVRSALLNGNFEFPSKHITVNLAPADLPKEGGR 80
NTDB id 1153 A1552VC RS00115 WP 000521788.1 MGLAIIHSRASIGVQAPPVTVEVHISNGMPGFTLVGLPETTVKESRDRVRSAIINSRFEFPAKRITVNLAPADLPKEGGR 80
NTDB id 1397 DSB67 RS15690 WP 005535577.1 MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSAIVNSNFQFPAKRITVNLAPADLPKEGGR 80
NTDB id 1349 HI 1117 AAC22771.1 MSLAIVYSRASMGVQAPLVTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAKRITVNLAPADLPKEGGR 80
NTDB id 1387 A4U84 RS06900 WP 020457569.1 MSLAIIYSRASIGVEAPLVTIEVHISGGSPGLTLVGLPEKSVKEAQDRVRSALMNANFDYPARRITINLAPADLPKEGGR 80
consensus
logo
YDLSIALGILAASGQIIAPEIERYLIMGELSLDGGLQPIKGVLPIAIRAREEGFKGIILPKQNTREAAIVNDLEVYGVEN 158
NTDB id 1271 LPP RS03220 WP 011213198.1 FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLIIANANAAEASLTGHQKVFTANN 159
NTDB id 1248 GCO85 RS03150 WP 011213198.1 FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLIIANANAAEASLTGHQKVFTANN 159
NTDB id 58890 AHML RS22120 WP 016352355.1 FDLAIAIGILAASKQIPAKYLLDHEFLGELALTGEIRPVLGVLPAVLACRDA.GRTLLVPRENGPEASLIQDAEVRTAHQ 159
NTDB id 1153 A1552VC RS00115 WP 000521788.1 FDLPIALGILAASDQIARNKLESYEFIGELALSGEIRGVKGVLPAALAANQV.ERCLVVPHSNGDQAALVGVERHKSAQS 159
NTDB id 1397 DSB67 RS15690 WP 005535577.1 FDLPIALGILAASEQIATDKLKNYEFVGELALSGGLRTVKGVLPAALAANKK.QRHLVVPHANGDQAALVGKEQHKSAQS 159
NTDB id 1349 HI 1117 AAC22771.1 FDLPIAIGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQKS.KRELIIAKQNANEASLVSDQNTYFAQT 159
NTDB id 1387 A4U84 RS06900 WP 020457569.1 FDLPIAIGILAASGQIDSDKLKRIELLGELSLTGHLRGVHGAIPAVLAASKA.KRETIVPQQNANEVSLVSNTQTYCAST 159
consensus
logo
IKEVIDFFNENCPLEPTKVNTREEFHKRVNLFPFDFSEVKGQETAKRAMEVAAAGGHNILLIGPPGSGKTMLAKRIPSIL 238
NTDB id 1271 LPP RS03220 WP 011213198.1 LREVCDYLCQGTSLQSLPPKPDLL....LNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL 235
NTDB id 1248 GCO85 RS03150 WP 011213198.1 LREVCDYLCQGTSLQSLPPKPDLL....LNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL 235
NTDB id 58890 AHML RS22120 WP 016352355.1 LLAVTAWLAGQYELPLPDPQTTD.....ALPDVPDLQDVIGQSQAKRALEIAAAGSHNLLFIGPPGTGKSMLASRLPGIL 234
NTDB id 1153 A1552VC RS00115 WP 000521788.1 LLEVCADLCGQQTLSLFQSSPSV....QQVSQTRDLQDIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL 235
NTDB id 1397 DSB67 RS15690 WP 005535577.1 LLEVCAELCGQHQLNLYQTPKKK....ELKAHGRDLQDIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL 235
NTDB id 1349 HI 1117 AAC22771.1 LLDVVQFLNGQEKLPLATEIVKESAVNFSGKNTLDLTDIIGQQHAKRALTIAAAGQHNLLFLGPPGTGKTMLASRLTGLL 239
NTDB id 1387 A4U84 RS06900 WP 020457569.1 LLQVVNFLNNRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALIIAASGQHNLLFLGPPGTGKTMLASRLADLL 238
consensus
logo
PPLTLKEALETTKIHSVAGKMGAETSLMTIRPFRSPHHTISDVALVGGGSYPQPGEISLAHNGVLFLDEMPEFKRTVLEV 318
NTDB id 1271 LPP RS03220 WP 011213198.1 PELSETQALECAAINSIRGKLPD.FREWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLDELPEFNRQVLET 314
NTDB id 1248 GCO85 RS03150 WP 011213198.1 PELSETQALECAAINSIRGKLPD.FREWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLDELPEFNRQVLET 314
NTDB id 58890 AHML RS22120 WP 016352355.1 PPLSEQEAQQTAAIHSIGGLTPR.AGHWHHRPYRTPHHSASAVALVGGGSHPRPGEISLAHNGVLFLDELPEFERKVLDS 313
NTDB id 1153 A1552VC RS00115 WP 000521788.1 PEMSDEEAMETASIASLTQQEIN.QHNWKLRPFRAPHHSSSMAALVGGGTIPRPGEISLAHNGLLFLDEMPEFERKVLDS 314
NTDB id 1397 DSB67 RS15690 WP 005535577.1 PEMSDEEAMETASVASLTQSEIN.EHNWKTRPFRAPHHSSSMAALVGGGSVPRPGEISLAHNGLLFLDEMPEFDRKVLDS 314
NTDB id 1349 HI 1117 AAC22771.1 PEMTDLEAIETASVTSLVQNELN.FHNWKQRPFRAPHHSASMPALVGGGTIPKPGEISLATNGVLFLDELPEFERKVLDA 318
NTDB id 1387 A4U84 RS06900 WP 020457569.1 PEMEDDEAIETASVTSLVQNELN.FQNWKKRPFRSPHHSASMVALVGGGSIPKPGEISLAHNGVLFLDELPEFERKVLDA 317
consensus


logo
NTDB id 1323 RA0C RS07335 WP 004916218.1 MRQPLEDREVTISRAKFTVNYPASFMLVASMNPSPSGFFPDDPNNT.SSSFEMQRYLNKLSGPLLDRIDIHIEVQKVEFD 397
NTDB id 1271 LPP RS03220 WP 011213198.1 LREPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRIDMQVTIHALSQE 394
NTDB id 1248 GCO85 RS03150 WP 011213198.1 LREPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRIDMQVTIHALSQE 394
NTDB id 58890 AHML RS22120 WP 016352355.1 LREPLETGHITISRAARQVDFPARFQLVGAMNPSPCGHYGDGQTR..SSPDQILRYLGKLSGPFLDRFDLTVEVPLLPKG 391
NTDB id 1153 A1552VC RS00115 WP 000521788.1 LREPLESGEIVISRAQGKTRFPARFQLVGALNPSPTGYYEGSQAR..ANPQSILRYLSRLSGPLLDRFDMSIEIPALPKG 392
NTDB id 1397 DSB67 RS15690 WP 005535577.1 LREPLESGEIIISRAQGKTRFPARFQIVGALNPSPTGYYEGNQAR..TNPQAILRYLGRLSGPLLDRFDMSLEIPALPKG 392
NTDB id 1349 HI 1117 AAC22771.1 LRQPLESGEIIISRANAKTQFPARFQLVAAMNPSPTGHYTGTHNR..TSPQQIMRYLNRLSGPFLDRFDLSIEVPLLPQG 396
NTDB id 1387 A4U84 RS06900 WP 020457569.1 LRQPLESGEIIISRANAKVQFPACFQLIAAMNPSPTGHYQGTHNR..TSPQQLMRYLNRLSGPFLDRFDLSIEVPLLPQG 395
consensus
logo
NTDB id 1323 RA0C RS07335 WP 004916218.1 QLSD..KRKGESSEIIRQRVLKAREIQQERYQDLAISYNAQMGPKEIEHFCELDEVSLLLIKNAMEKLNLSARAYDRILK 475
NTDB id 1271 LPP RS03220 WP 011213198.1 ELIKPNTHLEKQSLAIREKVTKMHEIQMARQDS....LNANLNSKTCEMVCELGSEEQLFLREVMSKLKLSARGYHRLLK 470
NTDB id 1248 GCO85 RS03150 WP 011213198.1 ELIKPNTHLEKQSLAIREKVTKMHEIQMARQDS....LNANLNSKTCEMVCELGSEEQLFLREVMSKLKLSARGYHRLLK 470
NTDB id 58890 AHML RS22120 WP 016352355.1 SLTGK.AERGESSQQIRERVLGARERMLSRNGK....LNNLLDSREIEEICRLSPQDAEFLENAIQKLGLSIRAWHRILR 466
NTDB id 1153 A1552VC RS00115 WP 000521788.1 TLANG.GDRGESTAAVRQRVWVARERMLARSGK....VNALLQSREIEQYCPLLKADAEFLESALHRLGLSIRAYHRIIK 467
NTDB id 1397 DSB67 RS15690 WP 005535577.1 TLSEG.GDRGEPTAIVKERVNQARDCMLARSGK....VNALLGSREIEAFCPLQKSDAEFLENALHRLGLSIRAYHRIIK 467
NTDB id 1349 HI 1117 AAC22771.1 SLQNT.GDRGETSAQVREKVLKVREIQMERAGK....INAYLNSKEIERDCKLNDKDAFFLEKALNKLGLSVRAYHRILK 471
NTDB id 1387 A4U84 RS06900 WP 020457569.1 ALQNNTDQRGETTEQARKRVLEARHLQFNRRGK....INAQLTTKEIEQDCKLTDRDALFLENALTKLGLSVRAYHRILK 471
consensus
logo
NTDB id 1323 RA0C RS07335 WP 004916218.1 VSRTIADLERETNIQSHHIAEAIQYRSLDRDFWKV..... 510
NTDB id 1271 LPP RS03220 WP 011213198.1 VSRTIADMNSSKKVLLNHLQQALSYKQNLHLPK..... 503
NTDB id 1248 GCO85 RS03150 WP 011213198.1 VSRTIADMNSSKKVLLNHLQQALSYKQNLHLPK..... 503
NTDB id 58890 AHML RS22120 WP 016352355.1 VSRTIADLACRQAIEKEHLIEALGYRAMDRLLSRLRSG.. 504
NTDB id 1153 A1552VC RS00115 WP 000521788.1 VARTIADLQGEAQIARPHLAEALGYRAMDRLLKQLSAQNV 507
NTDB id 1397 DSB67 RS15690 WP 005535577.1 VARTIADLEGSPQIERTHLAEALGYRAMDRLLKQLTAQAV 507
NTDB id 1349 HI 1117 AAC22771.1 VSRTIADLQGEQQIFQPHLAEALGYRAMVRLLQKLSNM.. 509
NTDB id 1387 A4U84 RS06900 WP 020457569.1 VSRTIADLACEAQIQQPHLAEALGYRAMDRLLQRLQGES. 510
consensus
X non conserved
X similar
X ≥ 50% conserved