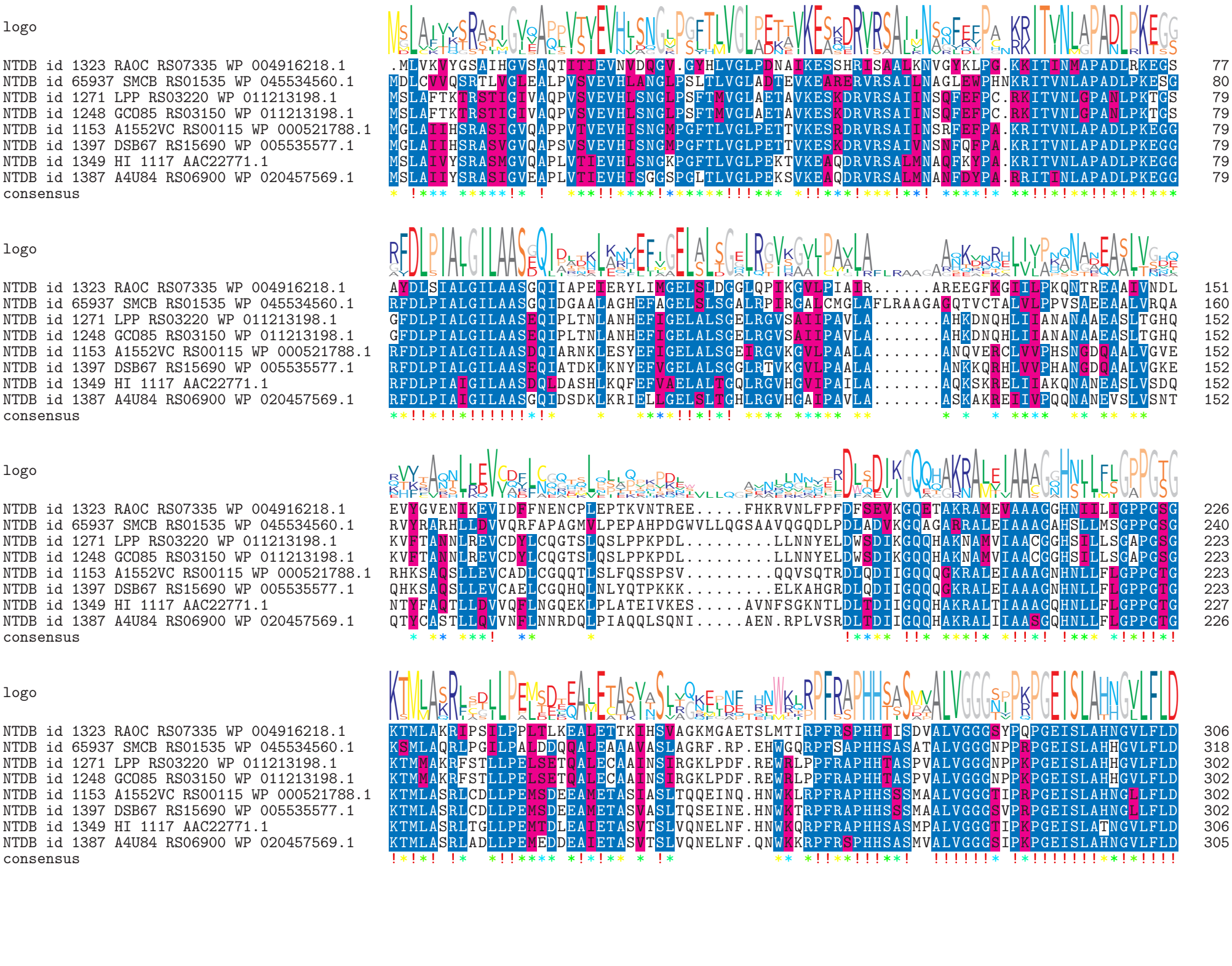
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NTDB id 65937 SMCB RS01535 WP 045534560.1 MDLCVVQSRTLVGLEALPVSVEVHLANGLPSLTLVGLADTEVKEARERVRSAILNAGLEWPHNKRITVNLAPADLPKESG 80
NTDB id 1271 LPP RS03220 WP 011213198.1 MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPC.RKITVNLGPANLPKTGS 79
NTDB id 1248 GCO85 RS03150 WP 011213198.1 MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPC.RKITVNLGPANLPKTGS 79
NTDB id 1153 A1552VC RS00115 WP 000521788.1 MGLAIIHSRASIGVQAPPVTVEVHISNGMPGFTLVGLPETTVKESRDRVRSAIINSRFEFPA.KRITVNLAPADLPKEGG 79
NTDB id 1397 DSB67 RS15690 WP 005535577.1 MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSAIVNSNFQFPA.KRITVNLAPADLPKEGG 79
NTDB id 1349 HI 1117 AAC22771.1 MSLAIVYSRASMGVQAPLVTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPA.KRITVNLAPADLPKEGG 79
NTDB id 1387 A4U84 RS06900 WP 020457569.1 MSLAIIYSRASIGVEAPLVTIEVHISGGSPGLTLVGLPEKSVKEAQDRVRSALMNANFDYPA.RRITINLAPADLPKEGG 79
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NTDB id 1323 RA0C RS07335 WP 004916218.1 AYDLSIALGILAASGQIIAPETERYLIMGELSLDGGLQPIKGVLPIAIR.....AREEGFKGIILPKQNTREAAIVNDL 151
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NTDB id 1271 LPP RS03220 WP 011213198.1 GFDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLA.....AHKDNQHLIIANANAAEASLTGHQ 152
NTDB id 1248 GCO85 RS03150 WP 011213198.1 GFDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLA.....AHKDNQHLIIANANAAEASLTGHQ 152
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NTDB id 1397 DSB67 RS15690 WP 005535577.1 RFDLPIALGILAASEQIATDKLKNYEFVGELALSGGLRTVKGVLPAALA.....ANKKQRHLVVPHANGDQAALVGKE 152
NTDB id 1349 HI 1117 AAC22771.1 RFDLPIAIGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILA.....AQKSKRELIIAKQNANEASLVSDQ 152
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consensus
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NTDB id 1323 RA0C RS07335 WP 004916218.1 EVYGVENIKEVIDFFNENCPLEPTKVNTREE.....FHKRVNLFPFDFSEVKGQETAKRAMEVAAAGGHNIILIGPPGSG 226
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NTDB id 1271 LPP RS03220 WP 011213198.1 KVFTANNLREVCDYLCQGTSLQSLPPKPDL.....LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSG 223
NTDB id 1248 GCO85 RS03150 WP 011213198.1 KVFTANNLREVCDYLCQGTSLQSLPPKPDL.....LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSG 223
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NTDB id 1397 DSB67 RS15690 WP 005535577.1 QHKSAQSLLEVCAELCGQHQLNLYQTPKKK.....ELKAHGRDLQDIIGQQQGKRALEIAAAGNHNLLFLGPPGTG 223
NTDB id 1349 HI 1117 AAC22771.1 NTYFAQTLLDVVQFLNGQEKLPLATEIVKES.....AVNFSGKNTLDLTDIIGQQHAKRALTIAAAGQHNLLFLGPPGTG 227
NTDB id 1387 A4U84 RS06900 WP 020457569.1 QTYCASTLLQVVNFLNNRDQLPIAQQLSQNI.....AEN.RPLVSRDLTDIIGQQHAKRALIIAASGQHNLLFLGPPGTG 226
consensus
logo
NTDB id 1323 RA0C RS07335 WP 004916218.1 KTMLAKRIPSILPPLTLKEALETTKIHSVAGKMGAETSLMTIRPFRSPHHTISDVALVGGGSYPQPGEISLAHNGVLFLD 306
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NTDB id 1271 LPP RS03220 WP 011213198.1 KTMMAKRFSTLLPELSETQALECAAINSIRGKLPDF.REWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLD 302
NTDB id 1248 GCO85 RS03150 WP 011213198.1 KTMMAKRFSTLLPELSETQALECAAINSIRGKLPDF.REWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLD 302
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NTDB id 1387 A4U84 RS06900 WP 020457569.1 KTMLASRLADLLPEMEDDEAIETASVTSLVQNELNF.QNWKKRPFRSPHHSASMVALVGGGSIPKPGEISLAHNGVLFLD 305
consensus

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NTDB id 1271 LPP RS03220 WP 011213198.1      ELPEFNRQVLETLREPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRI   382
NTDB id 1248 GCO85 RS03150 WP 011213198.1    ELPEFNRQVLETLREPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRI   382
NTDB id 1153 A1552VC RS00115 WP 000521788.1  EMPEFERKVLDSLREPLESGEIVISRAQGKTRFPARFQLVGALNPSPTGYYEGSQAR..ANPQSILRYLSRLSGPLLDRF   380
NTDB id 1397 DSB67 RS15690 WP 005535577.1    EMPEFDRKVLDSLREPLESGEIIISRAQGKTRFPARFQIVGALNPSPTGYYEGNQAR..TNPQAILRYLGRLSGPLLDRF   380
NTDB id 1349 HI 1117 AAC22771.1              ELPEFERKVLDALRQPLESGEIIISRANAKIQFPARFQLVAAMNPSPTGHYTGTHNR..TSPQQIMRYLNRLSGPFLDRF   384
NTDB id 1387 A4U84 RS06900 WP 020457569.1    ELPEFERKVLDALRQPLESGEIIISRANAKVQFPACFQLIAAMNPSPTGHYQGTHNR..TSPQQLMRYLNRLSGPFLDRF   383
consensus                                    !*!!! ! *!* *!*!!!**** !!!! * * *!!*!******!!*!*! * **      **  * !!* *!!*!*!!!
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NTDB id 1323 RA0C RS07335 WP 004916218.1     DIHIEVQKVEFDQLSDK..RKGESSEIIRQRVLKAREIQQERYQDLAISYNAQMGPKEIEHFCELDEVSLLLIKNAMEKL   463
NTDB id 65937 SMCB RS01535 WP 045534560.1    DLHVEVPLLPPGQLLDS..AAAETSAAVRERVAQARERALQRQGH....ANHTLHGPALQRHAALEPAAAQLLQQAATRL   472
NTDB id 1271 LPP RS03220 WP 011213198.1      DMQVTIHALSQEELIKPNTHLEKQSLAIREKVTKMHEIQMARQDS....LNANLNSKTCEMVCELGSEEQLFLREVMSKL   458
NTDB id 1248 GCO85 RS03150 WP 011213198.1    DMQVTIHALSQEELIKPNTHLEKQSLAIREKVTKMHEIQMARQDS....LNANLNSKTCEMVCELGSEEQLFLREVMSKL   458
NTDB id 1153 A1552VC RS00115 WP 000521788.1  DMSIEIPALPKGTLANG.GDRGESTAAVRQRVWVARERMLARSGK....VNALLQSREIEQYCPLLKADAEFLESALHRL   455
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NTDB id 1349 HI 1117 AAC22771.1              DLSIEVPLLPQGSLQNT.GDRGETSAQVREKVLKVREIQMERAGK....INAYLNSKEIERDCKLNDKDAFFLEKALNKL   459
NTDB id 1387 A4U84 RS06900 WP 020457569.1    DLSIEVPLLPQGALQNNTDQRGETTEQARKRVLEARHLQFNRRGK....INAQLTTKEIEQDCKLTDRDALFLENALTKL   459
consensus                                    !* **** ** * !      *****  ****!  ****** ! *     *!* * *****  * !   ** **  ** *!
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NTDB id 1323 RA0C RS07335 WP 004916218.1     NLSARAYDRILKVSRTIADLERETNIQSHHIAEAIQYRSLDRDFWKV.....   510
NTDB id 65937 SMCB RS01535 WP 045534560.1    GWSGRATHRALRVARTIADLAASERIHGAHLAEAVQYRQPGNP.........   515
NTDB id 1271 LPP RS03220 WP 011213198.1      KLSARGYHRLLKVSRTIADMNSSKKVLLNHLQQALSYKQNLHLPK.......   503
NTDB id 1248 GCO85 RS03150 WP 011213198.1    KLSARGYHRLLKVSRTIADMNSSKKVLLNHLQQALSYKQNLHLPK.......   503
NTDB id 1153 A1552VC RS00115 WP 000521788.1  GLSIRAYHRIIKVARTIADLQGEAQIARPHLAEALGYRAMDRLLKQLSAQNV   507
NTDB id 1397 DSB67 RS15690 WP 005535577.1    GLSIRAYHRIIKVARTIADLEGSPQIERTHLAEALGYRAMDRLLKQLTAQAV   507
NTDB id 1349 HI 1117 AAC22771.1              GLSVRAYHRILKVSRTIADLQGEQQIFQPHLAEALGYRAMVRLLQKLSNM..   509
NTDB id 1387 A4U84 RS06900 WP 020457569.1    GLSVRAYHRILKVSRTIADLAGEAQIQQPHLAEALGYRAMDRLLQRLQGES.   510
consensus                                    **! !****!***!*!!!!!* *  **    !***!* !* * **    *
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X non conserved

X similar

X ≥ 50% conserved