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NTDB id 617 LCA RS06480 WP 011375001.1      .MSTFEKLTTLLKHCAKQRVQDLYFTPTIGGWRLTERRQSDLVTNQELDKPTGTRYLNRLKYMAGMDISETRRAQTGRSELQLAD   84
NTDB id 586 KW2 RS10855 WP 011836048.1      ..MVQKKAQELIQKAIEMEASDIYLIASGNLYKIYIRQQLGRTLIEEVNQEIGLALLTHFKFLAGMNTGERRRVQLGACWYELEG   83
NTDB id 584 DLJ51 RS00890 WP 019777327.1    MVEVQELGKELIRQAVEEQAQDIYLLPKPAVYKIYLRFGEKRHLIQTCPPEQAAGLISHFKFLAGMNVGEKRRAQLGACDYAFAD   85
NTDB id 394 FSA28 RS09405 WP 002291652.1    ..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQLGSCDYSYDE   83
NTDB id 385 SMU RS09035 WP 002263435.1      ..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQLGSCDYSYDE   83
NTDB id 429 SGO RS09420 WP 012130942.1      ..MVQKIAQAIVRQAKEECAQDIYFVPKDDCYELYMRIGDERRFIQTYDFDQLAAVISHFKFLAGMNVGEKRRSQLGSCDYRYDD   83
NTDB id 500 SM12261 RS00945 WP 000249545.1  ..MVQEIAQEIIRSARKKGAQDIYFVPKLDAYELHMRVGDERCKIGCYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCDYEYDQ   83
NTDB id 270 KZH43 RS09265 WP 000249564.1   ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH   83
NTDB id 229 SPD RS09895 WP 000249564.1      ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH   83
NTDB id 195 SPR RS09430 WP 000249564.1      ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH   83
NTDB id 160 SP RS10380 WP 000249564.1       ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCDYAYDH   83
consensus                                     ********** *    **!*!**** ***** *!***** *  ** *  *******!**!!!***!*!!*!*!**** **
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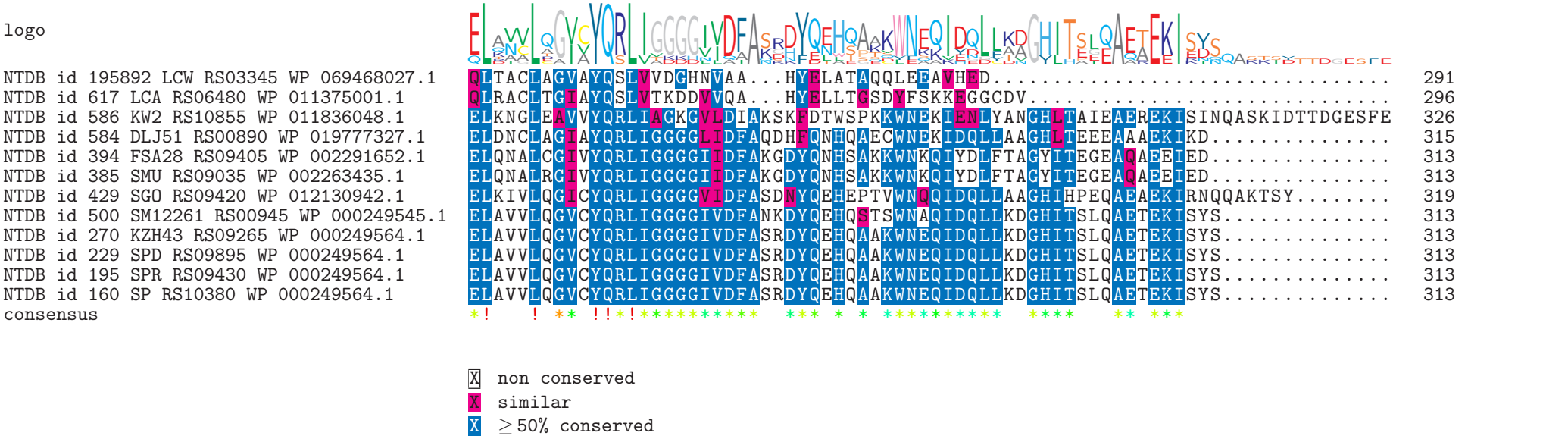


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NTDB id 617 LCA RS06480 WP 011375001.1      .QTIYLRLATVGDFLNRESLVIRFIYPIGAIYHCDDQQILAQLTQMSRQSGLILFAGPTGSGKTTSLYHLAQQSMSAKMVVAIED   168
NTDB id 586 KW2 RS10855 WP 011836048.1      SSAKRLRLSTVGDFEGNESLVIRLLHDQKQELEFWFD.DK..LQDFRCKRGLYLFAGPVGSGKTSLMFDLAHRHFSNAQVITIEE   165
NTDB id 584 DLJ51 RS00890 WP 019777327.1    GETAALRLSTVGDYQGRESLVIRLLFDRKRELKFWFD.GLNALLPKIIGRGLYLFSGPVGSGKTTLMYELVSRKYPDSQIITIED   169
NTDB id 394 FSA28 RS09405 WP 002291652.1    GKVISLRLSSVGDYRGYESLVIRLLFSGRHDLKFWFN.SMDLILNEIKGRGLYLFSGPVGSGKTSLMYQLVKLRFETKQVITIED   167
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NTDB id 229 SPD RS09895 WP 000249564.1      .KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLFKGQQVMSIED   166
NTDB id 195 SPR RS09430 WP 000249564.1      .KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLFKGQQVMSIED   166
NTDB id 160 SP RS10380 WP 000249564.1       .KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLFKGQQVMSIED   166
consensus                                    ** **!!**!!!*** !!!!*!**** ******** ** *    ***!!*!!*!!*!!!!!*** *! *  * * ****!!*
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NTDB id 586 KW2 RS10855 WP 011836048.1      PVELIDSDFIQLQVNDVIGNSYDELIKLSLRHRPDLLIVGEIRDQQTARAVLRASLTGYTVFSTIHAASVKGVVQRLLELGLSDW   250
NTDB id 584 DLJ51 RS00890 WP 019777327.1    PVEIKQDNMLQLQLNPSIGMTYDHLIKLSLRHRPDVLIIGEIRDRETAQAVIRASLTGIRVFSTVHAKSIPGVYARILELGVSQD   254
NTDB id 394 FSA28 RS09405 WP 002291652.1    PVEIKQDNMLQLQLNESIDMTYDNLIKLSLRHRPDILIIGEIRDKETARAVIRASLTGAMVFSTIHAKSIPGVYARMLELGTSSE   252
NTDB id 385 SMU RS09035 WP 002263435.1      PVEIKQDNMLQLQLNESIDMTYDNLIKLSLRHRPDILIIGEIRDKETARAVIRASLTGAMVFSTIHAKSIPGVYARMLELGTSSE   252
NTDB id 429 SGO RS09420 WP 012130942.1      PVEIKQEDMLQLQLNETIGLTYESLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSIPGVYERLLELGVSEE   251
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NTDB id 229 SPD RS09895 WP 000249564.1      PVEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSIRGVYERLLELGVSEE   251
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consensus                                   !*!********!!!*!* ****!**!*!*!!!*!!!*!!*!!!!! *!!******!*!*!**!*!!*!!*!* !!**!*!*!!*!**
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NTDB id 195892 LCW RS03345 WP 069468027.1 QLTACLAGVAYQSLVVDGHNVAA...HYELATAQQLEEAVHED..... 291
NTDB id 617 LCA RS06480 WP 011375001.1 QLRACLTGIAYQSLVTKDDVVQA...HYFLLTGSDYFSKKFGGCDV..... 296
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NTDB id 584 DLJ51 RS00890 WP 019777327.1 ELDNCLAGIAYQRLIGGGGLIDFAQDHFQNHQAECWNEKIDQLLAAGHLTEEEAAAEKIKD..... 315
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NTDB id 385 SMU RS09035 WP 002263435.1 ELQNALRGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEEIED..... 313
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consensus
X non conserved
X similar
X ≥ 50% conserved