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NTDB id 1388 A4U84 RS04945 WP 062924099.1  .....MTHLTKLLALLQVPQLGAQRIG....RLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHKWIDQALQWAEQ   71
NTDB id 1361 HI 0985 AAC22646.1           ....MNDITYTLLRLMQVPKLGGVGID....KILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAKFIEPALVWSQK   72
NTDB id 1250 GCO85 RS13065 WP 027219989.1 .....MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLN...LMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWLSS   72
NTDB id 363062 FEL06 RS24875 WP 000228544.1 .....MVDTEIWLRLMSISSLYGDDMVRIA.HWLARQS.....HIDAVVLQQTGLTLRQAQRFLSFPRKSIESSLCWLEQ   69
NTDB id 1399 DSB67 RS15600 WP 010645755.1  MTPQNDIDLAAWLKLSCLPGIGGVKMN....KLLSKDTPSNIVQYSTEQLQLLGLTAKQLQAW.SQVDKEVDACLTWVAA   75
NTDB id 1152 A1552VC RS00200 WP 000654772.1 ...MKDQDLAAWLALCFTPKLGSKTIS....HLLATRLPAQLQSFTPKQWLACGLKPEQLVFLTTQAAKQAEQCLQWRSA   73
consensus                                    *   ! !  ** ***  *     ***         * **    *   !*   *** *      * **  ! !
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NTDB id 1388 A4U84 RS04945 WP 062924099.1  DQQQ.ILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIGI  150
NTDB id 1361 HI 0985 AAC22646.1           EGNH.LVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALGI  151
NTDB id 1250 GCO85 RS13065 WP 027219989.1 SENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALGI  152
NTDB id 363062 FEL06 RS24875 WP 000228544.1 PNHH.LIPADSEFYPPQLLATTDYPGALFVEGELHALHSFQLAVVGSRAHSWYGERWGRLFCETLAKHGVTITSGLARGI  148
NTDB id 1399 DSB67 RS15600 WP 010645755.1  SSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLALGI  155
NTDB id 1152 A1552VC RS00200 WP 000654772.1 ANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLALGI  153
consensus                                    **  ***      !! *!*     !**!***! * **  ***!*!!!!  *  !   ** !  **  *** **!!!!*!!
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NTDB id 1388 A4U84 RS04945 WP 062924099.1  DGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIEAT  230
NTDB id 1361 HI 0985 AAC22646.1           DGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEAT  231
NTDB id 1250 GCO85 RS13065 WP 027219989.1 DAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITEN.GLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEAA  231
NTDB id 363062 FEL06 RS24875 WP 000228544.1 DGVAHKAALQVNGVSIAVLGNGLNTIHPRRHARLAASLLEQGGALVSEFPLDVPPLAYNFPRRNRIISGLSKGVLVVEAA  228
NTDB id 1399 DSB67 RS15600 WP 010645755.1  DGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAEN.GALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVEAA  234
NTDB id 1152 A1552VC RS00200 WP 000654772.1 DGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIAQ.GALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVEAA  232
consensus                                  !* *! **** *! **!!!!*!*****! *! *!*  **** !*!*!!! *  *!*! *!!*!!!!!!!!!!****!*!!*
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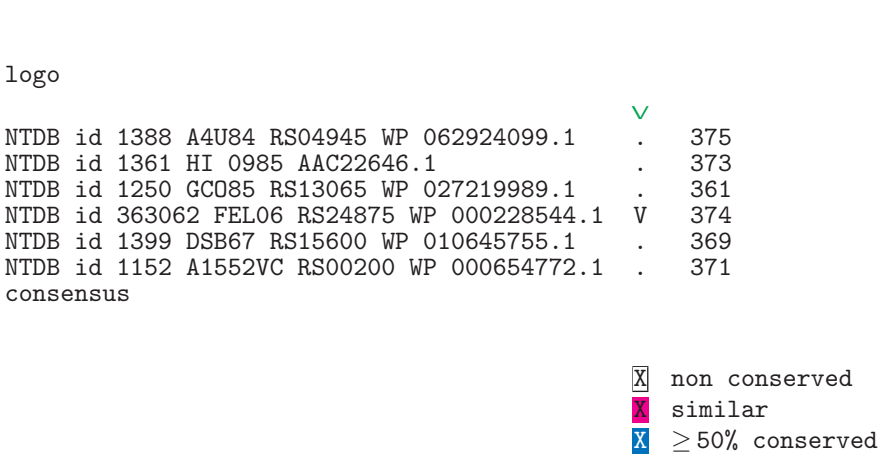


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NTDB id 1361 HI 0985 AAC22646.1           EKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHS..IHSQTEIDFDQIAVPNYTP  309
NTDB id 1250 GCO85 RS13065 WP 027219989.1 IKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSN.............K..  297
NTDB id 363062 FEL06 RS24875 WP 000228544.1 LRSGSLVTARCALEQGREVFALPGPIGNPGSEGPHWLIKQGAILVTEPEEILENLQFGLHWLPDA.............P..  294
NTDB id 1399 DSB67 RS15600 WP 010645755.1  EKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQ.............SL.  301
NTDB id 1152 A1552VC RS00200 WP 000654772.1 EKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSE.............QVP  300
consensus                                   *!!!!*!!!*!*!!*!*!***!*** ** * ! * !***!! !!     ****  *          *
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NTDB id 1388 A4U84 RS04945 WP 062924099.1  KSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT.............  375
NTDB id 1361 HI 0985 AAC22646.1           PPDPR...RL.VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV.............  373
NTDB id 1250 GCO85 RS13065 WP 027219989.1 ...PIFSLASGK.....ENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER........  361
NTDB id 363062 FEL06 RS24875 WP 000228544.1 .ENSFYSPDQEDVALPFPELLANVGDEVTPVDVVAERAGQPVPEVVTQLLELELAGWLAAVPGGYVRLRRACHVRRTNVF  373
NTDB id 1399 DSB67 RS15600 WP 010645755.1  ...DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG.........  369
NTDB id 1152 A1552VC RS00200 WP 000654772.1 YQATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.........  371
consensus                                        **     *      * !* *** * * *! ** ** * *  ****!**!!! * **** !*!**
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NTDB id 1388 A4U84 RS04945 WP 062924099.1 . 375
NTDB id 1361 HI 0985 AAC22646.1 . 373
NTDB id 1250 GCO85 RS13065 WP 027219989.1 . 361
NTDB id 1250 GCO85 RS13065 WP 027219989.1 V 374
NTDB id 1399 DSB67 RS15600 WP 010645755.1 . 369
NTDB id 1152 A1552VC RS00200 WP 000654772.1 . 371
consensus
X non conserved
X similar
X ≥ 50% conserved