```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1021 ACIAD RS00975 WP 004930462.1      MITILSSHHYHTIKVWYVLQH.SLSGFKKLIHYFGD.CETALQPQRLSDWQKLGLHANHLKRLEEVHTL.QGQQQFEKML    77
NTDB id 1388 A4U84 RS04945 WP 062924099.1      .........MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHK.....WIDQAL    66
NTDB id 1050992 O1Q82 RS01880 WP 386688826.1  ........MQ.NIKLLLRLMQVPNLGANAIQEILTQITPQTLLDYDETAFYHIGWQAKQIQRWFHPEQK.....YIEPPL    66
NTDB id 1361 HI 0985 AAC22646.1                ........MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAK.....FIEPAL    67
NTDB id 1250 GC085 RS13065 WP 027219989.1      .........MNNLQPLLALNRMKRIGPRTVLKLQK.RWPDLNLMF...QLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDL    67
NTDB id 1399 DSB67 RS15600 WP 010645755.1      ....MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTEQLQLLGLTAKQLQAW.SQVDK.....EVDACL    70
NTDB id 1152 A1552VC RS00200 WP 000654772.1    .......MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQLVFLTTQAAK.....QAEQCL    68
consensus                                                   *  **  !  ** *!*  * ****   *  ** *    *  *** * ** **     *     ***  !

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1021 ACIAD RS00975 WP 004930462.1      AQL.QTHTDFIVTPDDPAYPSQLIPYQDRPPILFGQGSIQSLIQPQIAVVGSRKPSPHGRQVAYDFSYFLSEKGFYITSG   156
NTDB id 1388 A4U84 RS04945 WP 062924099.1      QWAEQDQQ.QILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSG   145
NTDB id 1050992 O1Q82 RS01880 WP 386688826.1  EWQQADTNHHIVAYYQAEYPQLLKQINSVPPLLFVKGNVENLNLAQLAIVGSRDCSNYGEYWAKYFATELIRSGFIVTSG   146
NTDB id 1361 HI 0985 AAC22646.1                VWSQKEGN.HLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCITYGEYWAKHFATELSLAGFTITSG   146
NTDB id 1250 GC085 RS13065 WP 027219989.1      NWLSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSG   147
NTDB id 1399 DSB67 RS15600 WP 010645755.1      TWVAASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSG   150
NTDB id 1152 A1552VC RS00200 WP 000654772.1    QWRSAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSG   148
consensus                                       *     * ****   * !! *!*** * !**!***! *   * ****!*!!!!   *   !    ** !****   ** **!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1021 ACIAD RS00975 WP 004930462.1      LAHGIDEAAHQGSLV.HHRAIAVVGTGLDLCYPSGNKALKQHIRDQGGAIVSEFLPGTPPLQAHFPRRNRIVSGLSLGVL   235
NTDB id 1388 A4U84 RS04945 WP 062924099.1      LAIGIDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTL   225
NTDB id 1050992 O1Q82 RS01880 WP 386688826.1  LAIGIDGFAHKAVVEMQSKTIAVLGSGLQQIYPSRHKGLAEQILVNNGTLVSEFLPNQPPVATNFPRRNRIISGMSQGVL   226
NTDB id 1361 HI 0985 AAC22646.1                LALGIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTL   226
NTDB id 1250 GC085 RS13065 WP 027219989.1      LALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCTL   226
NTDB id 1399 DSB67 RS15600 WP 010645755.1      LALGIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVL   229
NTDB id 1152 A1552VC RS00200 WP 000654772.1    LALGIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVV   227
consensus                                      !!*!!!* *!  * *  *****!!*!*!****!!  ****!******* *!***!!!  *   *!** *!!*!!!!*!!*!****

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1021 ACIAD RS00975 WP 004930462.1      VVEATLKSGSLITANKAAEQGKVVFAIPGHIYSEFHQGCHQLIREGAILVDHPEQIIEDLALPTHWHSQSTASGEANAD.   314
NTDB id 1388 A4U84 RS04945 WP 062924099.1      VIEATVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEATAWQRQSVHIQPSLFDTK..P   303
NTDB id 1050992 O1Q82 RS01880 WP 386688826.1  VVEANQKSGSLITARYALEQNRDVFALPGNLHNQYSKGCHHLIKQGANLVESVQDIIENLAPYSLPMNG.......FAPN   299
NTDB id 1361 HI 0985 AAC22646.1                VVEATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEID.FDQIAVP   305
NTDB id 1250 GC085 RS13065 WP 027219989.1      VIEAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ..............   292
NTDB id 1399 DSB67 RS15600 WP 010645755.1      VVEAAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSI...........N   298
NTDB id 1152 A1552VC RS00200 WP 000654772.1    VVEAAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSL...........S   296
consensus                                      !*!!   *!!!!!!!*!*!!***!***!*** *   * !** !***!! !!* * *****
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logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1      ....DSGKTDDA...DLPDDLLPLYQLLDWQGQDLDQLAQHYQGSTAELTAQLMELELLGVCIQQSGRYLRCRSPY   383
NTDB id 1388 A4U84 RS04945 WP 062924099.1      KQAVKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....   375
NTDB id 1050992 O1Q82 RS01880 WP 386688826.1  TTSQNTELPFN....VIEPTYPDLYALIGYNPISIDELAEQSKISVDVLLGQLLTLELEELIECERGLYKRRL...   368
NTDB id 1361 HI 0985 AAC22646.1                NYTPPPDPRRL....VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....   373
NTDB id 1250 GC085 RS13065 WP 027219989.1      ..FTSNKPIFSLASGK.....ENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 1399 DSB67 RS15600 WP 010645755.1      QSL....DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG.   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1   EQVPYQATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.   371
consensus                                                *     *     * !*  ****  **! **  *** ** ****!**!!! **** * !*!**
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X non conserved

X similar

X ≥ 50% conserved