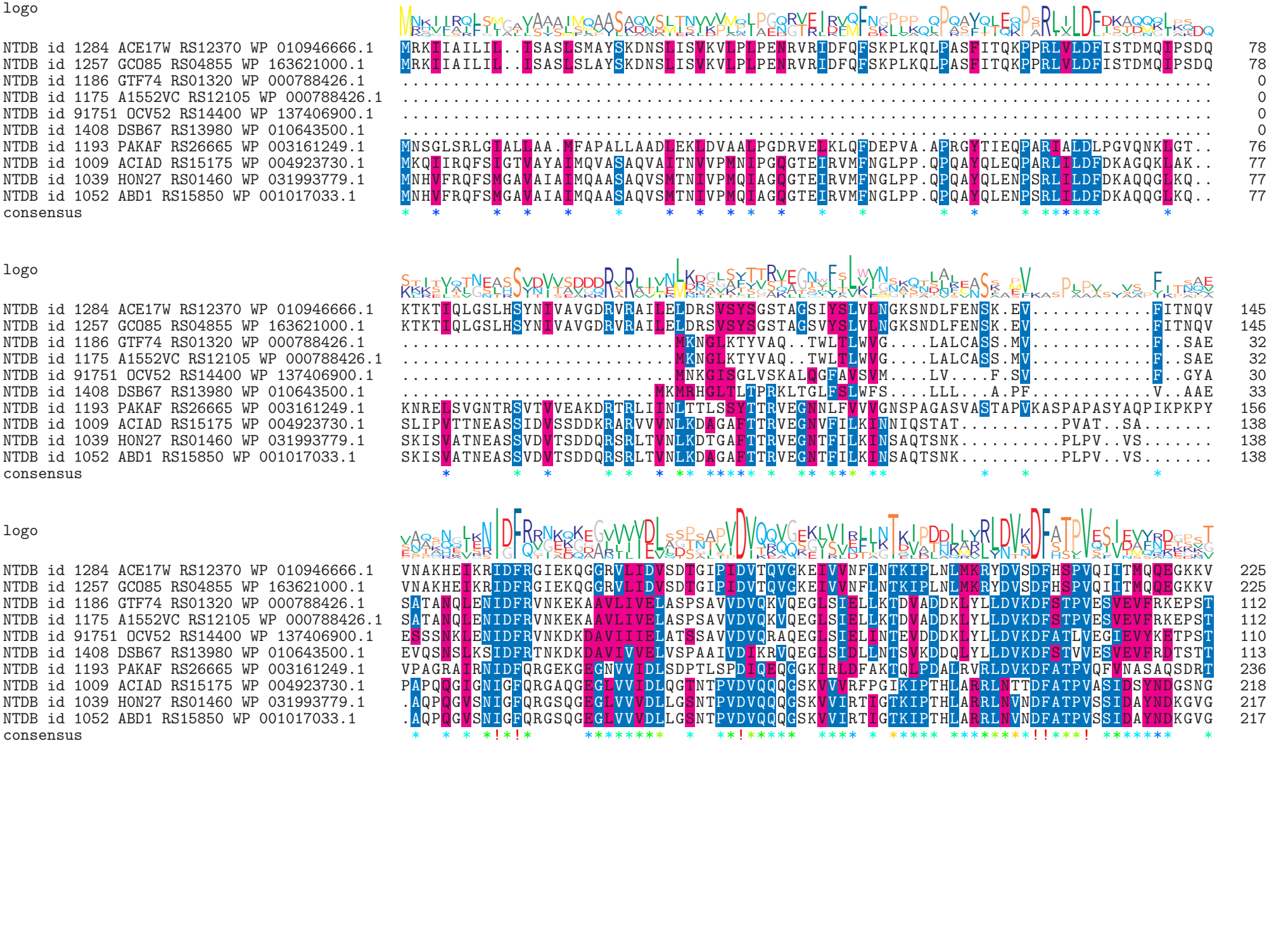
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NTDB id 1257 GCO85 RS04855 WP 163621000.1 MRKIIAILIL..ISASLSLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ 78
NTDB id 1186 GTF74 RS01320 WP 000788426.1 0
NTDB id 1175 A1552VC RS12105 WP 000788426.1 0
NTDB id 91751 OCV52 RS14400 WP 137406900.1 0
NTDB id 1408 DSB67 RS13980 WP 010643500.1 0
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NTDB id 1009 ACIAD RS15175 WP 004923730.1 MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGQGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLAK.. 77
NTDB id 1039 HON27 RS01460 WP 031993779.1 MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQQGLKQ.. 77
NTDB id 1052 ABD1 RS15850 WP 001017033.1 MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQQGLKQ.. 77
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NTDB id 1284 ACE17W RS12370 WP 010946666.1 KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDLFENSK.EV.....FITNQV 145
NTDB id 1257 GCO85 RS04855 WP 163621000.1 KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSK.EV.....FITNQV 145
NTDB id 1186 GTF74 RS01320 WP 000788426.1 .....MKNGLKTYVAQ..TWLTLWVG....LALCASS.MV.....F..SAE 32
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NTDB id 91751 OCV52 RS14400 WP 137406900.1 .....MNKGISGLVSKALQGFAVSVM....LV....F.SV.....F..GYA 30
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consensus
logo
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NTDB id 1257 GCO85 RS04855 WP 163621000.1 VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV 225
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NTDB id 1009 ACIAD RS15175 WP 004923730.1 PAPQQGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQQGSKVVVRFPGIKIPTHLARRLNTTDFATPVASIDSYNDGSNG 218
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NTDB id 1052 ABD1 RS15850 WP 001017033.1 .AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPTHLARRLNVNDFATPVSSIDAYNDKGVG 217
consensus

logo

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NTDB id 1009 ACIAD RS15175 WP 004923730.1 VISIQSTGSYEYMAYQAENKLTISLKRPQDNV.RLNSKNNQNYTGKKISLDFQDIEVRRVLQLLADFTNINMVTADSVQG 297
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NTDB id 1052 ABD1 RS15850 WP 001017033.1 VITIQSSGSYEYMAYQAENKLTISLKRPQDKN.VTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSVQG 296
consensus                                  *** * *** *  **  * * * * ** ***     *    **!***!**!!*! *! !!!!*!!****!*!**!*!*!
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logo

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NTDB id 1009 ACIAD RS15175 WP 004923730.1 NITLHLKDVPWDQALDIILKTKNLDKRRNGNVIWIAPVSELIKSEEDEAKAIAQSTKLAPLQTEYILLKYAKAADIEKLI 377
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consensus                                  **!!*! **!!*!*!!**! ***!!!!* !!!**************!** *   *  * *********!****!!!*!!* **
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logo

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NTDB id 1284 ACE17W RS12370 WP 010946666.1 KDKQ..............................NSLLSDRGKISVDARTNTIWIQDTGTKIEEVRELIKQLDIPVKQV 434
NTDB id 1257 GCO85 RS04855 WP 163621000.1 KDKQ..............................NSLLSDRGKISVDARTNTIWIQDTGTKIEEVRELIKQLDIPVKQV 434
NTDB id 1186 GTF74 RS01320 WP 000788426.1 GGEGN............................VNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQV 321
NTDB id 1175 A1552VC RS12105 WP 000788426.1 GGEGN............................VNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQV 321
NTDB id 91751 OCV52 RS14400 WP 137406900.1 GGEGA............................VSMLSDRGSITIDERTNSLLIRELEENIAVIRGIIESLDIPVKQV 319
NTDB id 1408 DSB67 RS13980 WP 010643500.1 NGEGN............................ISMLSDRGSMTIDERTNSLLIRELPENIEVIREIIESLDIPVKQV 322
NTDB id 1193 PAKAF RS26665 WP 003161249.1 QSVTSDGGQEG.......................KEGGRGSITVDDRTNSIIAYQPQERLDELRRIVSQLDIPVRQV 450
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NTDB id 1052 ABD1 RS15850 WP 001017033.1 TQGSNNSNGLQHTSGGGTSTSTNLNTGVDSLGNNVGSLLSPRGTITQDDRTNTLIINDTAQSIDQIRKMIDLLDVQVKQV 456
consensus                                     *                  *****!!*****!*!!!******* * **  *!**** !!**!*!!
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logo

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NTDB id 1284 ACE17W RS12370 WP 010946666.1   LIEARIVEVTKDFSQDIGIRWGVSRPTH...L...SGTLEGANEL.........ARGTAPANVV.....PLERRLNLDLAA  495
NTDB id 1257 GCO85 RS04855 WP 163621000.1    LIEARIVEVTKDFSQDIGIRWGVSRPTH...L...SGTLEGANEL.........ARGTAPANVV.....PLERRLNLDLAA  495
NTDB id 1186 GTF74 RS01320 WP 000788426.1    QIEARIVTVKEGNLEELGVRWGVMSTNGSHSV...GGSIESNLWQK.......GL...LADDEF.....PVDEFLNVNLAS  384
NTDB id 1175 A1552VC RS12105 WP 000788426.1  QIEARIVTVKEGNLEELGVRWGVMSTNGSHSV...GGSIESNLWQK.......GL...LADDEF.....PVDEFLNVNLAS  384
NTDB id 91751 OCV52 RS14400 WP 137406900.1   QIEARIVTVIEGNLDELGVRWGVSSTNGSFTV...GGSIEGNHPSAITPY.......DDSSSS.....VIDDYLNVNLAA  384
NTDB id 1408 DSB67 RS13980 WP 010643500.1    QIEARIVTINEGNMDELGVRWGFTSINGSHTV...GGSIENNLAT.IGLYDGGGEGDDGGSSV.....GIDDFLNVNLAA  393
NTDB id 1193 PAKAF RS26665 WP 003161249.1    MIEARIVEANVGYDKSLGVRWGGAYHKGNWSG....YGKDGN.IGIKDEDGMNCGPIAGSCTFPTTGTSKSPSPFVDLGA  525
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NTDB id 1039 HON27 RS01460 WP 031993779.1    MVEARIVRASTSFTKELGVKWGILSQGITNNNNLLVGGSETTLWNLREPK...KDETTGGYKYTI...ERPDNLNVDLGV  530
NTDB id 1052 ABD1 RS15850 WP 001017033.1     MVEARIVRASTSFTKELGVKWGILSQGITNNNNLLVGGSETTLWNLREPK...KDETTGGYKYTI...ERPDNLNVDLGV  530
consensus                                    **!!!!!! ** *** **!**!!***  ** **     *********          **  *      *** ****!**
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logo

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NTDB id 1257 GCO85 RS04855 WP 163621000.1    VPLTGATPASVGIALAKLNDNILLDLELSALESEGRAELISSPRLITTNQQAAVIESGEEIPYQEATSSGA...TAVAFK  572
NTDB id 1186 GTF74 RS01320 WP 000788426.1    T...SANASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...STVAFK  458
NTDB id 1175 A1552VC RS12105 WP 000788426.1  T...SANASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...STVAFK  458
NTDB id 91751 OCV52 RS14400 WP 137406900.1   T...SPNASSIAFQVAKLGSDTLLDLELSALQQESKAEIISSPRLITTNKKPAYIEQGTEIPYLESSSSGA...TSVAFK  458
NTDB id 1408 DSB67 RS13980 WP 010643500.1    T...SPNATSIAFQVAKLGSDTLLDLELSALQQESKAEIISSPRLITTNKKPAYIEQGTEIPYLESSSSGA...TSVTFK  467
NTDB id 1193 PAKAF RS26665 WP 003161249.1    K...DA.TSGIGIGFI.T.DNITLDLQLSAMEKTGNGEIVSQPKVVTSDKETAKILKGSEVPYQEASSSGA...TSTSFK  596
NTDB id 1009 ACIAD RS15175 WP 004923730.1    T...TTGASSIAFGLISL.SDFMLDLELSALQADGYGEVISTPKVMSADKQKAKVATGVEVPYQSTTNSAAGSTATTSFK  593
NTDB id 1039 HON27 RS01460 WP 031993779.1    S...NP.AGSIAFGLISM.SDFMLDLELSALQADGYGEVISTPKVMTADKQTAKVATGQQVPYQSTTNSAAGSTATTSFK  605
NTDB id 1052 ABD1 RS15850 WP 001017033.1     S...NP.AGSIAFGLISM.SDFMLDLELSALQADGYGEVISTPKVMTADKQTAKVATGQQVPYQSTTNSAAGSTATTSFK  605
consensus                                    *   ** ********** ** *!!!*!!!** ****!**!*!******** ! ***!***!!*****!*!   ****!!
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logo

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NTDB id 1284 ACE17W RS12370 WP 010946666.1   KAVLSLKVTPQITPDGKILMDLQINQDTPSPQT.FLGVP...AIITKEIQTNVLVNNGQTIVLGGIYKQDKNKVINRIPF  648
NTDB id 1257 GCO85 RS04855 WP 163621000.1    KAVLSLKVTPQITPDGKILMDLQINQDTPSPQT.FLGVP...AIITKEIQTNVLVNNGQTIVLGGIYKQDKNKVINRIPF  648
NTDB id 1186 GTF74 RS01320 WP 000788426.1    KAVLSLKVTPQITPDNRLVLDLSVTQDRRGETV.KTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPL  537
NTDB id 1175 A1552VC RS12105 WP 000788426.1  KAVLSLKVTPQITPDNRLVLDLSVTQDRRGETV.KTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPL  537
NTDB id 91751 OCV52 RS14400 WP 137406900.1   KAVLSLKVTPQITPDNRLVLDLSVTQDRPGQVV.KTGTGEAVAIDTQRIGTQVLVNNGETVVLGGIFQHSVRSTVDKVPL  537
NTDB id 1408 DSB67 RS13980 WP 010643500.1    KAVLSLKVTPQITPDNRLVLDLSVTQDRPGQVV.KTGTGEAVAIDTQRIGTQVLVNNGETVVLGGIFQHSITNSVDKVPL  546
NTDB id 1193 PAKAF RS26665 WP 003161249.1    EAALSLEVTPQITPDNRIIVEVKVTKDAPDYQNMLNGVP...PINKNEVNAKILVNDGETIVIGGVFSNEQSKSVEKVPF  673
NTDB id 1009 ACIAD RS15175 WP 004923730.1    EALLSLEVTPNITPDGKILMELNIANDSINS.YAQNGEA...ILNKNTINTNVLVNNGETVVLGGVFEQTTNNAVTKVPF  669
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NTDB id 1052 ABD1 RS15850 WP 001017033.1     DALLSLNVTPSITPDGKIQMKLDISKDSVAG.AAPNGEL...ILNKNNINTNVLVDNGETVILGGVFEQTTMNSQTKVPF  681
consensus                                    *!*!!!*!!!*!!!! ****** ***!***      ! *    * ** *****!!**!*!***!!** ** *******!*
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logo

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NTDB id 1284 ACE17W RS12370 WP 010946666.1   FGELPVVGILFSNRQITLKNEELLIFITPRIITNALSITTIEGREKDVYK   698
NTDB id 1257 GCO85 RS04855 WP 163621000.1    FGELPVVGILFSNRQITLKNEELLIFITPRIITNALSITTIEGREKDVYK   698
NTDB id 1186 GTF74 RS01320 WP 000788426.1    LGDLPVLGALFRRTYEQMGKSELLIFVTPKVVIQ.................   571
NTDB id 1175 A1552VC RS12105 WP 000788426.1  LGDLPVLGALFRRTYEQMGKSELLIFVTPKVVIQ.................   571
NTDB id 91751 OCV52 RS14400 WP 137406900.1   LGDLPLLGALFRRSYENVGKSELLIFVTPKVVIQ.................   571
NTDB id 1408 DSB67 RS13980 WP 010643500.1    LGDLPLLGALFRRSYENVGKSELLIFVTPKVVIQ.................   580
NTDB id 1193 PAKAF RS26665 WP 003161249.1    LGELPYLGRLFRRDTVTDRKNELLVFLTPRIMNNQAIAIGR..........   714
NTDB id 1009 ACIAD RS15175 WP 004923730.1    LGDLPYVGRLFKKTAKSEAKNELLIFVTPRIVNDTIVGNH..........   709
NTDB id 1039 HON27 RS01460 WP 031993779.1    FGDIPVVGRLFRKDVKSDDKQELLIFVTPRIVNDTLARNH..........   721
NTDB id 1052 ABD1 RS15850 WP 001017033.1     FGDIPVVGRLFRKDVKSDDKQELLIFVTPRIVNDTLARNH..........   721
consensus                                    *!**!**! !!***  **** !!!*!*!!*** * *
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X non conserved

X similar

X ≥ 50% conserved