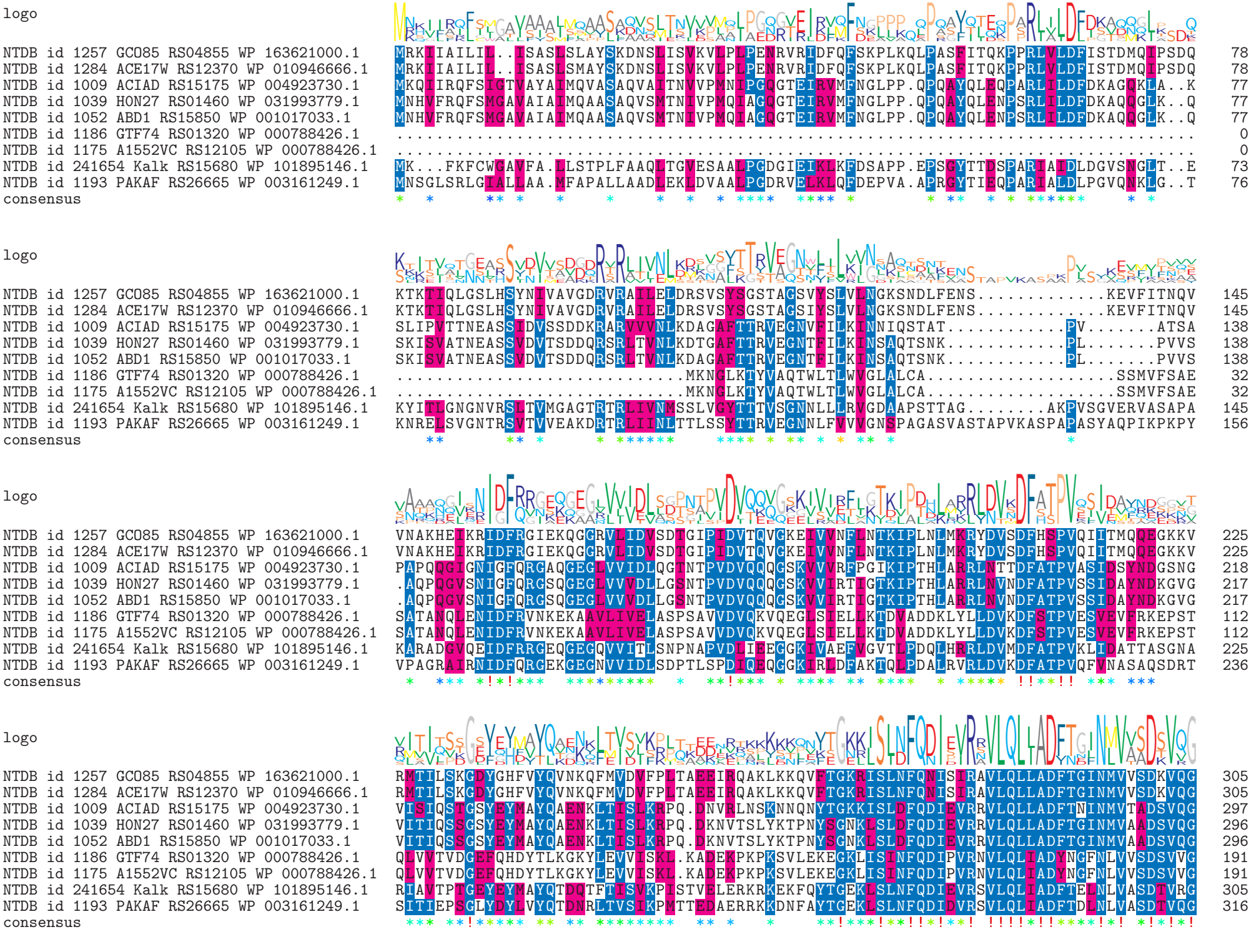
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NTDB id 1009 ACIAD RS15175 WP 004923730.1 MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGQGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLA..K 77
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NTDB id 1052 ABD1 RS15850 WP 001017033.1 MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQQGLK..Q 77
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consensus
logo
NTDB id 1257 GCO85 RS04855 WP 163621000.1 KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENS.....KEVFITNQV 145
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consensus
logo
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consensus
logo
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consensus

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NTDB id 1039 HON27 RS01460 WP 031993779.1  NITLRLKDVPWDQALDIILKTKNLDKRRNGNVIWIAPVAELIKAEEEEAKAVAQSVKLAPLQTEYIQLKYAKAGDIMGLI  376
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NTDB id 1186 GTF74 RS01320 WP 000788426.1  NLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLREKQALEKARLAEELGDLKSEIIKINFAKASDIAAMI  271
NTDB id 1175 A1552VC RS12105 WP 000788426.1 NLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLREKQALEKARLAEELGDLKSEIIKINFAKASDIAAMI  271
NTDB id 241654 Kalk RS15680 WP 101895146.1 RITLRLQNVPWDQALDLILKTKGLDKRKVGNVMLVAPADEIAARERKLELESQRQVKELAPLRTEYLTVNYAKAGEVAELV  385
NTDB id 1193 PAKAF RS26665 WP 003161249.1  NITLRLQNVPWDQALDLVLKTKGLDKRKLGNVLLVAPADEIAARERQELEAQKQIAELAPLRRELIQVNYAKAADIAKLF  396
consensus                                  **!!*! **!!*!*!!**!****!!!!* !!!***** ** * !***** * *!**********!!!**** **
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NTDB id 1257 GCO85 RS04855 WP 163621000.1  KD.............................KQNSLLSDRGKISVDARTNTIWIQDTGTKIEEVRELIKQLDIPVKQV  434
NTDB id 1284 ACE17W RS12370 WP 010946666.1 KD.............................KQNSLLSDRGKISVDARTNTIWIQDTGTKIEEVRELIKQLDIPVKQV  434
NTDB id 1009 ACIAD RS15175 WP 004923730.1  TQGRNSGTSNSN.........TNGSATVEPLGDSVGTLLSPRGTISLDPRTNTLIINDTSQKIDQIRKMIDLLDIPVKQV  448
NTDB id 1039 HON27 RS01460 WP 031993779.1  TQGSNNSNGLQHTSGGGTSTSTNLNTGVDSLGNNVGSLLSPRGTITQDDRTNTLIINDTAQSIDQIRKMIDLLDVQVKQV  456
NTDB id 1052 ABD1 RS15850 WP 001017033.1   TQGSNNSNGLQHTSGGGTSTSTNLNTGVDSLGNNVGSLLSPRGTITQDDRTNTLIINDTAQSIDQIRKMIDLLDVQVKQV  456
NTDB id 1186 GTF74 RS01320 WP 000788426.1  GG....E.........................GNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQV  321
NTDB id 1175 A1552VC RS12105 WP 000788426.1 GG....E.........................GNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQV  321
NTDB id 241654 Kalk RS15680 WP 101895146.1 TN...............................SGFLSERGTITVDERTNVLLIQDTSGNIDEVRFMLEQLDIPVRQV  432
NTDB id 1193 PAKAF RS26665 WP 003161249.1  QSVTSDG..........................GQEGKEGGRGSITVDDRTNSIIAYQPQERLDELRRIVSQLDIPVRQV  450
consensus                                                                   * *****!!*!**!*!!!******   ** *! *** !!**!*!!
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NTDB id 1257 GCO85 RS04855 WP 163621000.1  LIEARIVEVTKDFSQDIGIRWGVSRPTHL.......SGTLEGANELARGT...........APANVVPLERRLNLDLAAV  496
NTDB id 1284 ACE17W RS12370 WP 010946666.1 LIEARIVEVTKDFSQDIGIRWGVSRPTHL.......SGTLEGANELARGT...........APANVVPLERRLNLDLAAA  496
NTDB id 1009 ACIAD RS15175 WP 004923730.1  MIEARIVRATTSFSKEMGVKWGILSQGINQNSNLLVGGS.ETTLWNLRNPDSN.........GTYTIERPDNLNVDLGVT  518
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NTDB id 1052 ABD1 RS15850 WP 001017033.1   MVEARIVRASTSFTKELGVKWGILSQGITNNNNLLVGGS.ETTLWNLREPKKDETTGG....YKYTIERPDNLNVDLGVS  531
NTDB id 1186 GTF74 RS01320 WP 000788426.1  QIEARIVTVKEGNLEELGVRWGVMSTNGSH....SVGGSIESNLWQ.KGLLADDEF...........PVDEFLNVNLAST  385
NTDB id 1175 A1552VC RS12105 WP 000788426.1 QIEARIVTVKEGNLEELGVRWGVMSTNGSH....SVGGSIESNLWQ.KGLLADDEF...........PVDEFLNVNLAST  385
NTDB id 241654 Kalk RS15680 WP 101895146.1 MIEARIVIANTDAVEELGVRWGLGAFNIGSDRLSYLGGNANGAEGNIANIVNGDDFEIG..........TGTLALDLGTV  502
NTDB id 1193 PAKAF RS26665 WP 003161249.1  MIEARIVEANVGYDKSLGVRWGGAYH.KGN....WSG...YGKDGNIG.IKDEDGMNCGPIAGSCTFPTTGTSK.SPSPF  520
consensus                                  **!!!!! **  ** **!**!!***          **** ** *****    **            **  * ****** *
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NTDB id 1009 ACIAD RS15175 WP 004923730.1  .....TTGASSIAFGLI.SLSDFMLDLELSALQADGYGEVISTPKVMSADKQKAKVATGVEVPYQSTTNSAAGSTATTSF  592
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NTDB id 1193 PAKAF RS26665 WP 003161249.1  SDLAA.TSASRITFGF.FDADNGLIDLELSALESDGRADIVSQPKVMTADQQTAKIQSGTEVPYQEASSSGAT...STSF  577
NTDB id 1193 PAKAF RS26665 WP 003161249.1  VDLGAKDATSGIGIGF..ITDNILLDLQLSAMEKTGNGEIVSQPKVVTSDKETAKILKGSEVPYQEASSSGAT...STSF  595
consensus                                        *  ********  * *  **!!*!!!** ********!*!********* !** *! **!!*****!*!*    ***!
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logo

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NTDB id 1257 GCO85 RS04855 WP 163621000.1   KKAVLSLKVTPQITPDGKILMDLQINQDTPS...PQTFLGVPAIITKEIQTNVLVNNGQTIVLGGIYKQDKNKVINRIPF   648
NTDB id 1284 ACE17W RS12370 WP 010946666.1  KKAVLSLKVTPQITPDGKILMDLQINQDTPS...PQTFLGVPAIITKEIQTNVLVNNGQTIVLGGIYKQDKNKVINRIPF   648
NTDB id 1009 ACIAD RS15175 WP 004923730.1   KEALLSLEVTPNITPDGKILMELNIANDSIN...SYAQNGEAILNKNTINTNVLVNNGETVVLGGVFEQTTNNAVTKVPF   669
NTDB id 1039 HON27 RS01460 WP 031993779.1   KDALLSLNVTPSITPDGKIQMKLDISKDSVA...GAAPNGELILNKNNINTNVLVDNGETVILGGVFEQTTMNSQTKVPF   681
NTDB id 1052 ABD1 RS15850 WP 001017033.1    KDALLSLNVTPSITPDGKIQMKLDISKDSVA...GAAPNGELILNKNNINTNVLVDNGETVILGGVFEQTTMNSQTKVPF   681
NTDB id 1186 GTF74 RS01320 WP 000788426.1   KKAVLSLKVTPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPL   537
NTDB id 1175 A1552VC RS12105 WP 000788426.1 KKAVLSLKVTPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPL   537
NTDB id 241654 Kalk RS15680 WP 101895146.1  KEAVLSLEVTPQITPDGRVIMDLKVNQDS..V..GDIFNGVPSIETNEIETSVIVDNGQTVVLGGVFRSQEVHEVVKTPF   653
NTDB id 1193 PAKAF RS26665 WP 003161249.1   KEAALSLEVTPQITPDNRIIVEVKVTKDAPDY..QNMLNGVPPINKNEVNAKILVNDGETIVIGGVFSNEQSKSVEKVPF   673
consensus                                   !*!*!!! !!!*!!!!*******  ***!*       * **    * **  *******!**!*!***!!** **  ****  **!*
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logo

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NTDB id 1284 ACE17W RS12370 WP 010946666.1  FGELPVVGILFSNRQITLKNEELLIFITPRIITNALSITTIEGREKDVYK   698
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
NTDB id 1186 GTF74 RS01320 WP 000788426.1   LGDLPVLGALFRRTYEQMGKSELLIFVTPKVVIQ................   571
NTDB id 1175 A1552VC RS12105 WP 000788426.1 LGDLPVLGALFRRTYEQMGKSELLIFVTPKVVIQ................   571
NTDB id 1193 PAKAF RS26665 WP 003161249.1   LGELPYLGRLFRRDTVTDRKNELLVFLTPRIMNNQAIAIGR.........   714
consensus                                   *!**!**!*!!**    *  * !!!*!*!!***** *
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X non conserved
X similar
X ≥ 50% conserved