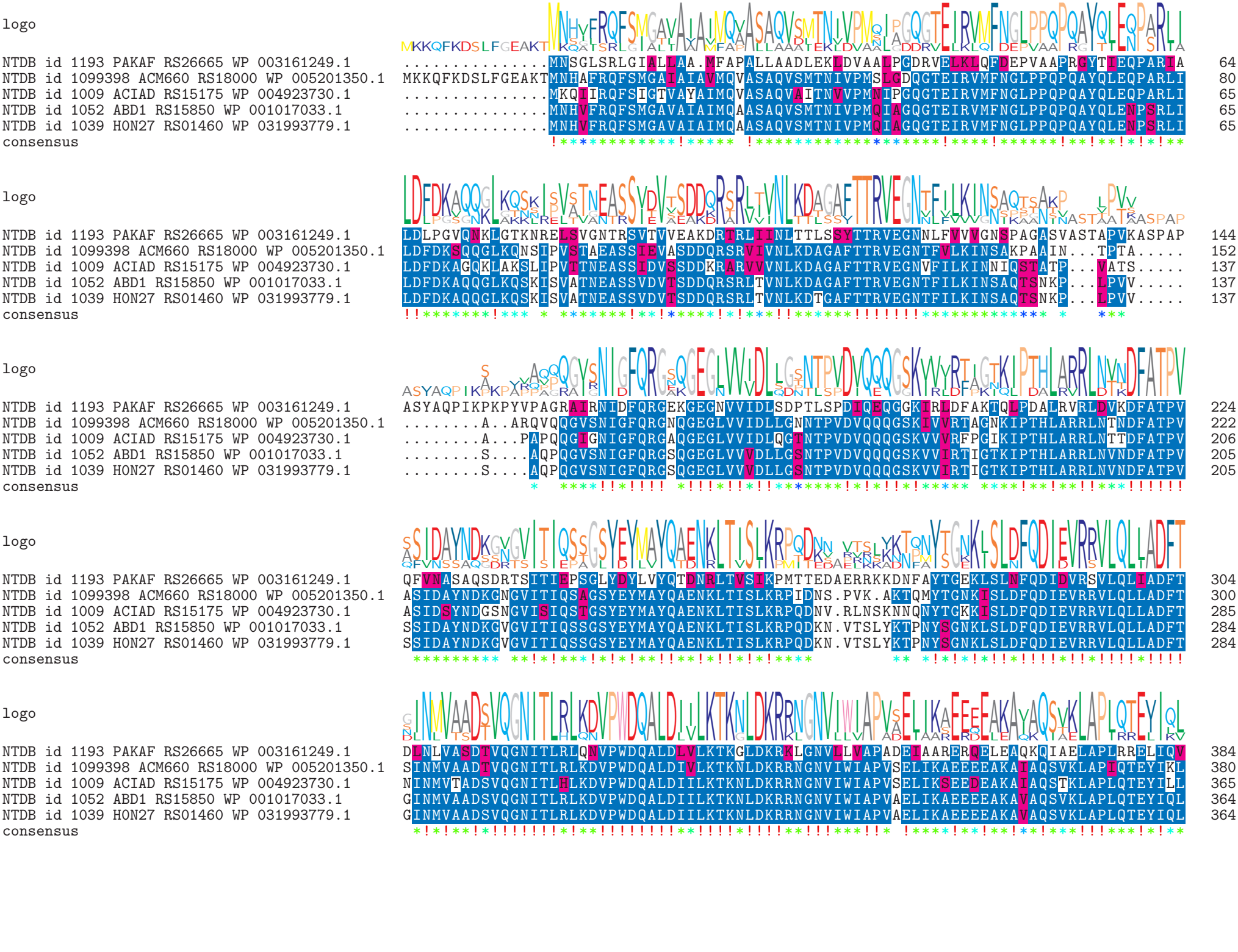
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NTDB id 1099398 ACM660 RS18000 WP 005201350.1 MKKQFKDSLFGEAKTMNHAFRQFSMGAIAIAVMQVASAQVSMTNIVPMSLGDQGTEIRVMFNGLPPQPQAYQLEQPARLI 80
NTDB id 1009 ACIAD RS15175 WP 004923730.1 MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGQGTEIRVMFNGLPPQPQAYQLEQPARLI 65
NTDB id 1052 ABD1 RS15850 WP 001017033.1 MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPPQPQAYQLENPSRLI 65
NTDB id 1039 HON27 RS01460 WP 031993779.1 MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPPQPQAYQLENPSRLI 65
consensus
logo
NTDB id 1193 PAKAF RS26665 WP 003161249.1 LDLPGVQNKLGTKNRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNNLFVVVGNSPAGASVASTAPVKASPAP 144
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NTDB id 1009 ACIAD RS15175 WP 004923730.1 LDFDKAGQKLAKSLIPVTTNEASSIDVSSDDKRARVVVNLKDAGAFTTRVEGNVFILKINNIQSTATP...VATS..... 137
NTDB id 1052 ABD1 RS15850 WP 001017033.1 LDFDKAQQGLKQSKISVATNEASSVDVTSDDQRSRLTVNLKDAGAFTTRVEGNTFILKINSAQTSNKP...LPVV..... 137
NTDB id 1039 HON27 RS01460 WP 031993779.1 LDFDKAQQGLKQSKISVATNEASSVDVTSDDQRSRLTVNLKDTGAFTTRVEGNTFILKINSAQTSNKP...LPVV..... 137
consensus
logo
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NTDB id 1099398 ACM660 RS18000 WP 005201350.1 ....A..ARQVQQGVSNIGFQRGNQQGEGLVVIDLLGNNTPVDVQQQGSKIVVRTAGNKIPTHLARRLNTNDFATPV 222
NTDB id 1009 ACIAD RS15175 WP 004923730.1 ....A...PAPQQGIGNIGFQRGAQQGEGLVVIDLQGTNTPVDVQQQGSKVVVRFPGIKIPTHLARRLNTTDFATPV 206
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NTDB id 1039 HON27 RS01460 WP 031993779.1 ....S....AQPQGVSNIGFQRGSQQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPTHLARRLNVNDFATPV 205
consensus
logo
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NTDB id 1099398 ACM660 RS18000 WP 005201350.1 ASIDAYNDKGNGVITIQSAGSYEYMAYQAENKLTISLKRPIDNS.PVK.AKTQMYTGNKISLDFQDIEVRRVLQLLADFT 300
NTDB id 1009 ACIAD RS15175 WP 004923730.1 ASIDSYNDGSNGVISIQSTGSYEYMAYQAENKLTISLKRPQDNV.RLNSKNNQNYTGKKISLDFQDIEVRRVLQLLADFT 285
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NTDB id 1039 HON27 RS01460 WP 031993779.1 SSIDAYNDKGVGVITIQSSGSYEYMAYQAENKLTISLKRPQDKN.VTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFT 284
consensus
logo
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NTDB id 1099398 ACM660 RS18000 WP 005201350.1 SINMVAADTVQGNITLRLKDVPWDQALDIVLKTKNLDKRRNGNVIWIAPVSELIKAEEEEAKAIAQSVKLAPIQTEYIKL 380
NTDB id 1009 ACIAD RS15175 WP 004923730.1 NINMVTADSVQGNITLHLKDVPWDQALDIILKTKNLDKRRNGNVIWIAPVSELIKSEEDEAKAIAQSTKLAPLQTEYILL 365
NTDB id 1052 ABD1 RS15850 WP 001017033.1 GINMVAADSVQGNITLRLKDVPWDQALDIILKTKNLDKRRNGNVIWIAPVAELIKAEEEEAKAVAQSVKLAPLQTEYIQL 364
NTDB id 1039 HON27 RS01460 WP 031993779.1 GINMVAADSVQGNITLRLKDVPWDQALDIILKTKNLDKRRNGNVIWIAPVAELIKAEEEEAKAVAQSVKLAPLQTEYIQL 364
consensus

logo

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NTDB id 1193 PAKAF RS26665 WP 003161249.1      NYAKAADIAKLFQSVTSDGGQEGK.........................EGGRGSITVDDRTNSIIAYQPQERLDELRR  438
NTDB id 1099398 ACM660 RS18000 WP 005201350.1  SYSKAADILKLIEDARDSKGAIGN....GT.........TNTNSLALESLLSSRGSAVADTRTNTLIINDTAQNIDKIRK  447
NTDB id 1009 ACIAD RS15175 WP 004923730.1      KYAKAADIEKLITQGRNSGTSNSN.........TNGSATVEPLGDSVGTLLSPRGTISLDPRTNTLIINDTSQKIDQIRK  436
NTDB id 1052 ABD1 RS15850 WP 001017033.1       KYAKAGDIMGLITQGSNNSNGLQHTSGGGTSTSTNLNTGVDSLGNNVGSLLSPRGTITQDDRTNTLIINDTAQSIDQIRK  444
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consensus                                      *!*!!*!!**!******  **    **  **  *****  *******!!***  !*!!!**!****** *!**!*
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logo

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NTDB id 1009 ACIAD RS15175 WP 004923730.1      MIDLLDIPVKQVMIEARIVRATTSFSKEMGVKWGILSQGINQNSNLLVGGSETTLWNLRNPD...SN.....GTYTI...  505
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consensus                                      ****!!* !*!!!*!!!!!*!*********!!*!!*****************!************    *    *******
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logo

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NTDB id 1193 PAKAF RS26665 WP 003161249.1      SKSPSPFVDLGAKDA.TSGIGIGFI.TDNIILDLQLSAMEKTGNGEIVSQPKVVTSDKETAKILKGSEVPYQEASSSCAT  591
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NTDB id 1009 ACIAD RS15175 WP 004923730.1      ERPDNLNVDLGVTTTGASSIAFGLISLSDFMLDLELSALQADGYGEVISTPKVMSADKQKAKVATGVEVPYQSTTNSAAG  585
NTDB id 1052 ABD1 RS15850 WP 001017033.1       ERPDNLNVDLGVSNP.AGSIAFGLISMSDFMLDLELSALQADGYGEVISTPKVMTADKQTAKVATGQQVPYQSTTNSAAG  597
NTDB id 1039 HON27 RS01460 WP 031993779.1      ERPDNLNVDLGVSNP.AGSIAFGLISMSDFMLDLELSALQADGYGEVISTPKVMTADKQTAKVATGQQVPYQSTTNSAAG  597
consensus                                      *******!!!!**  *  ***!**!*!******!!!*!!!****!*!!**!*!!!***!!**!!***!   *!!********!*
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logo

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NTDB id 1193 PAKAF RS26665 WP 003161249.1      ...STSFKEAALSLEVTPQITPDNRIIVEVKVTKDAPDYQNMLNGVPPINKNEVNAKILVNDGETIVIGGVFSNEQSKSV  668
NTDB id 1099398 ACM660 RS18000 WP 005201350.1  AVPKTEFIDATLSLDVTPSITPEGKVMMKLNITKDSPSNP.TPTGQLTINKNSIDTNVLVDNGETVVLGGIFEQENINSQ  680
NTDB id 1009 ACIAD RS15175 WP 004923730.1      STATTSFKEALLSLEVTPNITPDGKILMELNIANDSINSY.AQNGEAILNKNTINTNVLVNNGETVVLGGVFEQTTNNAV  664
NTDB id 1052 ABD1 RS15850 WP 001017033.1       STATTSFKDALLSLNVTPSITPDGKIQMKLDISKDSVAGA.APNGELILNKNNINTNVLVDNGETVILGGVFEQTTMNSQ  676
NTDB id 1039 HON27 RS01460 WP 031993779.1      STATTSFKDALLSLNVTPSITPDGKIQMKLDISKDSVAGA.APNGELILNKNNINTNVLVDNGETVILGGVFEQTTMNSQ  676
consensus                                      ****!*!**!*!!!*!!!*!!!*********  ***!**    ***!****!!!  *****!!**!!!***!!*!*****
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logo

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NTDB id 1193 PAKAF RS26665 WP 003161249.1      EKVPFLGELPYLGRLFRRDTVTDRKNELLVFLTPRIMNNQAIAIGR  714
NTDB id 1099398 ACM660 RS18000 WP 005201350.1  TKVPFLGDIPYLGKLFRRERKTDNKRELLIFVTPRIVNDTLTRNH.  725
NTDB id 1009 ACIAD RS15175 WP 004923730.1      TKVPFLGDLPYVGRLFKKTAKSEAKNELLIFVTPRIVNDTIVGNH.  709
NTDB id 1052 ABD1 RS15850 WP 001017033.1       TKVPFFGDIPVVGRLFRKDVKSDDKQELLIFVTPRIVNDTLARNH.  721
NTDB id 1039 HON27 RS01460 WP 031993779.1      TKVPFFGDIPVVGRLFRKDVKSDDKQELLIFVTPRIVNDTLARNH.  721
consensus                                      *!!!!*!**!**!*!!***  ***  !*!!!*!*!!!!*!***  ***
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X non conserved
X similar
X ≥ 50% conserved