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logo
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NTDB id 493 SM12261 RS04300 WP 000387351.1   .......MEAIIEKIKEYKIIV.ICTGLGLLVGGFFLLKPAPQTPVKETNLQAE...VVAVSKDSVSEKEVKKEEKEEPL  69
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NTDB id 188 SPR RS04295 WP 000387330.1       .......MEAIIEKIKEYKIIV.ICTGLGLLVGGFFLLKPAPQTPVKETNLQAE...VAAVSKDLVSEKEVNKEEKEEPL  69
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NTDB id 1126 NGFG RS09375 WP 003703428.1     ..........................................................................MSRGG  5
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consensus
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logo
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NTDB id 222 SPD RS04535 WP 000387330.1       EQDLITVDVKGAVKSPGIYDLPVGSRVNDAV............QKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAV  137
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NTDB id 153 SP RS04730 WP 000387344.1        EQDLITVDVKGAVKSPGIYDLPVGSRVNDAV............QKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAV  137
NTDB id 1069 ABD1 RS03060 WP 043960841.1     ............MQYSMRFWKN....K.YFVLIMLCLGVISPSVCAQSFDQNFQEWKVKQQM..YDQK.............  49
NTDB id 1041 HON27 RS14740 WP 005124713.1    ............MQYSMRFWKN....K.YFLLIMLCLGVISPSVCAQSFDQNFQEWKAKQQM..YDQK.............  49
NTDB id 36 MW RS08230 WP 001793467.1         NKGPVYVDVKGAVKHPNVYKMTSKDRVVD.LL............DKAQLLEDADVSQINLSEKLTDQKMIFIPHKGQKNV  147
NTDB id 20 SA RS08005 WP 001802022.1         NKGPVYVDVKGAVKHPNVYKMTSKDRVVD.LL............DKAQLLDDADVSRINLSEKLTDQKMIFIPHKGQKNV  147
NTDB id 105 BSU 25590 NP 390437.1            SNETIVIDIKGAVQHPGVYEM.RTGDRVS.......QAI....EKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETA  125
NTDB id 1014 ACIAD RS13855 WP 004924483.1    ......MSIRHFFT...FFWAT........LLTLFSMQI....VFAQGFDQQYDAW..............KTQQKAHDTR  45
NTDB id 1127 NGFG RS10560 WP 003703428.1     ATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLF.....................................  44
NTDB id 1126 NGFG RS09375 WP 003703428.1     ATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLF.....................................  44
NTDB id 1125 NGFG RS07215 WP 003703428.1     ATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLF.....................................  44
NTDB id 1108 NGFG RS06525 WP 003703428.1     ATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLF.....................................  44
NTDB id 85260 RC06 RS08585 WP 002855574.1    ........................MKKLLFLF..FA.....................................  10
NTDB id 1242 Cj0011c YP 002343483.1          ........................MKKLLFLF..FA.....................................  10
consensus                                          * **  *    **   *  *    *              *      *
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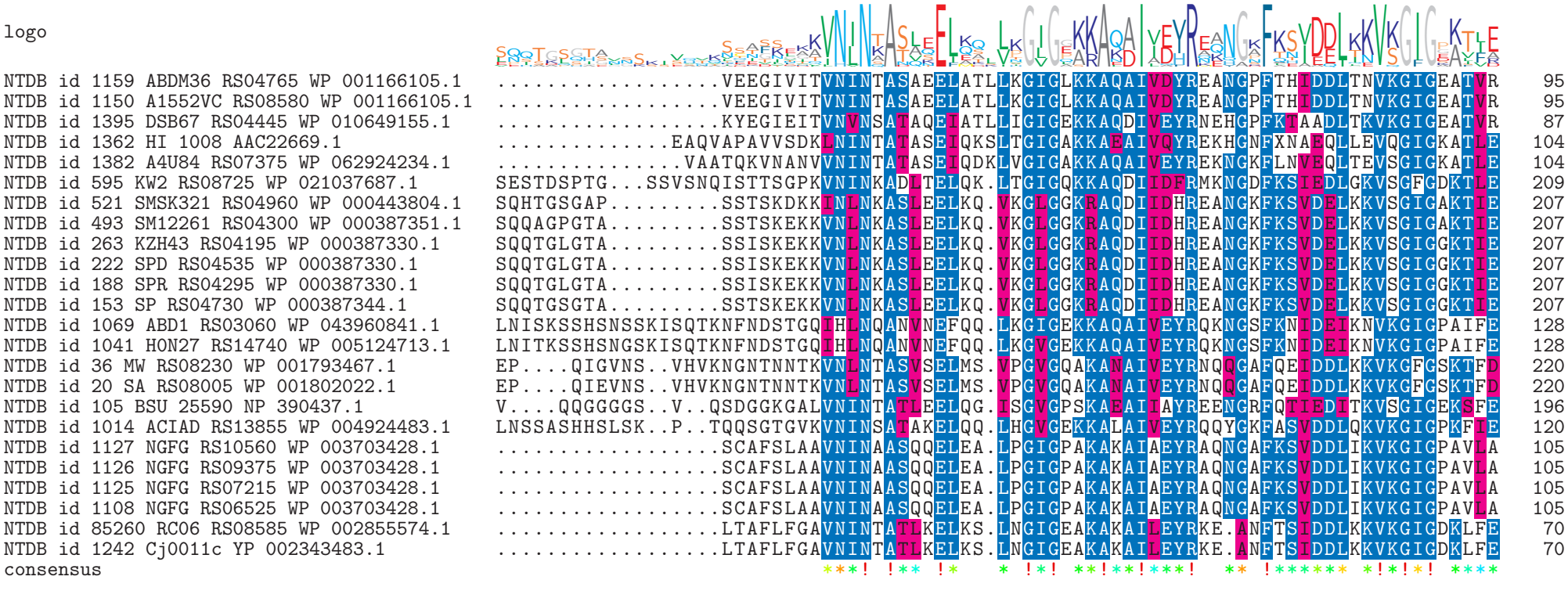
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NTDB id 1395 DSB67 RS04445 WP 010649155.1 .....KYEGIEITVNVNSATAQEIATLLIGIGEKKAQDIVEYRNEHGPFKTAADLTKVKGIGEATVR 87
NTDB id 1362 HI 1008 AAC22669.1 .....EAQVAPAVVSDKLNINTATASEIQKSLTGIGAKKAEAIVQYREKHGNFXNAEQLLEVQGIGKATLE 104
NTDB id 1382 A4U84 RS07375 WP 062924234.1 .....VAATQKVNANVVNINTATASEIQDKLVGIGAKKAQAIVEYREKNGKFLNVEQLTEVSGIGKATLE 104
NTDB id 595 KW2 RS08725 WP 021037687.1 SESTDSPTG...SSVSNQISTTSGPKVNINKADLTELQK.LTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLE 209
NTDB id 521 SMSK321 RS04960 WP 000443804.1 SQHTGSGAP.....SSTSKDKKINLNKASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIE 207
NTDB id 493 SM12261 RS04300 WP 000387351.1 SQQAGPGTA.....SSTSKEKKVNLNKASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIE 207
NTDB id 263 KZH43 RS04195 WP 000387330.1 SQQTGLGTA.....SSISKEKKVNLNKASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIE 207
NTDB id 222 SPD RS04535 WP 000387330.1 SQQTGLGTA.....SSISKEKKVNLNKASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIE 207
NTDB id 188 SPR RS04295 WP 000387330.1 SQQTGLGTA.....SSISKEKKVNLNKASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIE 207
NTDB id 153 SP RS04730 WP 000387344.1 SQQTGSGTA.....SSTSKEKKVNLNKASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIE 207
NTDB id 1069 ABD1 RS03060 WP 043960841.1 LNISKSSHSNSSKISQTKNFNDSTGQIHLNQANVNEFQQ.LKGIGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFE 128
NTDB id 1041 HON27 RS14740 WP 005124713.1 LNITKSSHSNGSKISQTKNFNDSTGQIHLNQANVNEFQQ.LKGVGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFE 128
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NTDB id 105 BSU 25590 NP 390437.1 V....QQGGGGS..V..QSDGGKGALVNINTATLEELQG.ISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFE 196
NTDB id 1014 ACIAD RS13855 WP 004924483.1 LNSSASHHSLSK..P..TQQSGTGVKVNINSATAKELQQ.LHGVGEKKALAIVEYRQQYGKFASVDDLQKVKGIGPKFIE 120
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NTDB id 1126 NGFG RS09375 WP 003703428.1 .....SCAFSLAAVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLA 105
NTDB id 1125 NGFG RS07215 WP 003703428.1 .....SCAFSLAAVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLA 105
NTDB id 1108 NGFG RS06525 WP 003703428.1 .....SCAFSLAAVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLA 105
NTDB id 85260 RC06 RS08585 WP 002855574.1 .....LTAFLFGAVNINTATLKELKS.LNGIGEAKAKAILEYRKE.ANFTSIDDLKKVKGIGDKLFE 70
NTDB id 1242 Cj0011c YP 002343483.1 .....LTAFLFGAVNINTATLKELKS.LNGIGEAKAKAILEYRKE.ANFTSIDDLKKVKGIGDKLFE 70
consensus
logo
NTDB id 1159 ABDM36 RS04765 WP 001166105.1 NNAARILL..... 103
NTDB id 1150 A1552VC RS08580 WP 001166105.1 NNAARILL..... 103
NTDB id 1395 DSB67 RS04445 WP 010649155.1 KNEDRILL..... 95
NTDB id 1362 HI 1008 AAC22669.1 KNRDRIIF..... 112
NTDB id 1382 A4U84 RS07375 WP 062924234.1 KNRDCIVIE..... 113
NTDB id 595 KW2 RS08725 WP 021037687.1 KLKDEISID..... 218
NTDB id 521 SMSK321 RS04960 WP 000443804.1 KLKDYVTVD..... 216
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NTDB id 188 SPR RS04295 WP 000387330.1 KLKDYVTVD..... 216
NTDB id 153 SP RS04730 WP 000387344.1 KLKDYVTVD..... 216
NTDB id 1069 ABD1 RS03060 WP 043960841.1 KNKSRLAL..... 136
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NTDB id 36 MW RS08230 WP 001793467.1 KLKSYFTI..... 228
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NTDB id 85260 RC06 RS08585 WP 002855574.1 KIKNDTTVE..... 79
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consensus

X non conserved

X similar

X $\geq$ 50% conserved