

logo

NTDB id 1034 TT RS08100 WP 024119555.1	.....	0
NTDB id 1310 DR RS09495 WP 010888490.1	.....	0
NTDB id 1272 LPP RS04360 WP 010946546.1	.....	0
NTDB id 1249 GC085 RS04230 WP 010946546.1	.....	0
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	.....	0
NTDB id 1150 A1552VC RS08580 WP 001166105.1	.....	0
NTDB id 300 STER RS07485 WP 011681496.1	.....	0
NTDB id 613 LCA RS05340 WP 231952379.1	.....	0
NTDB id 1041 HON27 RS14740 WP 005124713.1	.....	0
NTDB id 1069 ABD1 RS03060 WP 043960841.1	.....	0
NTDB id 521 SMSK321 RS04960 WP 000443804.1	.....	0
NTDB id 493 SM12261 RS04300 WP 000387351.1	.....	0
NTDB id 263 KZH43 RS04195 WP 000387330.1	.....	0
NTDB id 222 SPD RS04535 WP 000387330.1	.....	0
NTDB id 188 SPR RS04295 WP 000387330.1	.....	0
NTDB id 153 SP RS04730 WP 000387344.1	.....	0
NTDB id 1382 A4U84 RS07375 WP 062924234.1	.....	0
NTDB id 1362 HI 1008 AAC22669.1	.....	0
NTDB id 36 MW RS08230 WP 001793467.1	.....	0
NTDB id 20 SA RS08005 WP 001802022.1	.....	0
NTDB id 595 KW2 RS08725 WP 021037687.1	.....	0
NTDB id 1416 SGL RS14595 WP 010873643.1	MGKLNRGWKPNPVVIFVALALLVAIAVIGIGKVDPLGLGQSLARPDPPLPQQEEIQVYFNLNNAKGADFIDPDRDFKRQGD	80
NTDB id 1014 ACIAD RS13855 WP 004924483.1	.....	0
NTDB id 1242 Cj0011c YP 002343483.1	.....	0
NTDB id 105 BSU 25590 NP 390437.1	.....	0
NTDB id 197471 BH682 RS36735 WP 223304542.1	.....	0
NTDB id 1127 NGFG RS10560 WP 003703428.1	.....	0
NTDB id 1126 NGFG RS09375 WP 003703428.1	.....	0
NTDB id 1125 NGFG RS07215 WP 003703428.1	.....	0
NTDB id 1108 NGFG RS06525 WP 003703428.1	.....	0
consensus	.....	0

logo

NTDB id 1034 TT RS08100 WP 024119555.1	.....	0
NTDB id 1310 DR RS09495 WP 010888490.1	.....	0
NTDB id 1272 LPP RS04360 WP 010946546.1	.....	0
NTDB id 1249 GC085 RS04230 WP 010946546.1	.....	0
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NTDB id 300 STER RS07485 WP 011681496.1	.....	0
NTDB id 613 LCA RS05340 WP 231952379.1	.....	0
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NTDB id 521 SMSK321 RS04960 WP 000443804.1	.....	0
NTDB id 493 SM12261 RS04300 WP 000387351.1	.....	0
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NTDB id 222 SPD RS04535 WP 000387330.1	.....	0
NTDB id 188 SPR RS04295 WP 000387330.1	.....	0
NTDB id 153 SP RS04730 WP 000387344.1	.....	0
NTDB id 1382 A4U84 RS07375 WP 062924234.1	.....	0
NTDB id 1362 HI 1008 AAC22669.1	.....	0
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NTDB id 20 SA RS08005 WP 001802022.1	.....	0
NTDB id 595 KW2 RS08725 WP 021037687.1	.....	0
NTDB id 1416 SGL RS14595 WP 010873643.1	NFEQIILEQIDQAQSTIDLAVQELRLPRIAQALVEKQKTGVRVRLVLENTYNQTIKEAVETEKDPFRYRGPLAYLDQNQD	160
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NTDB id 197471 BH682 RS36735 WP 223304542.1	.....	0
NTDB id 1127 NGFG RS10560 WP 003703428.1	.....	0
NTDB id 1126 NGFG RS09375 WP 003703428.1	.....	0
NTDB id 1125 NGFG RS07215 WP 003703428.1	.....	0
NTDB id 1108 NGFG RS06525 WP 003703428.1	.....	0
consensus	.....	0

logo

NTDB id 1034 TT RS08100 WP 024119555.1	.....	0
NTDB id 1310 DR RS09495 WP 010888490.1	.....	0
NTDB id 1272 LPP RS04360 WP 010946546.1	.....	0
NTDB id 1249 GC085 RS04230 WP 010946546.1	.....	0
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NTDB id 1150 A1552VC RS08580 WP 001166105.1	.....	0
NTDB id 300 STER RS07485 WP 011681496.1	.....	0
NTDB id 613 LCA RS05340 WP 231952379.1	.....	0
NTDB id 1041 HON27 RS14740 WP 005124713.1	.....	0
NTDB id 1069 ABD1 RS03060 WP 043960841.1	.....	0
NTDB id 521 SMSK321 RS04960 WP 000443804.1	.....	0
NTDB id 493 SM12261 RS04300 WP 000387351.1	.....	0
NTDB id 263 KZH43 RS04195 WP 000387330.1	.....	0
NTDB id 222 SPD RS04535 WP 000387330.1	.....	0
NTDB id 188 SPR RS04295 WP 000387330.1	.....	0
NTDB id 153 SP RS04730 WP 000387344.1	.....	0
NTDB id 1382 A4U84 RS07375 WP 062924234.1	.....	0
NTDB id 1362 HI 1008 AAC22669.1	.....	0
NTDB id 36 MW RS08230 WP 001793467.1	.....	0
NTDB id 20 SA RS08005 WP 001802022.1	.....	0
NTDB id 595 KW2 RS08725 WP 021037687.1	.....	0
NTDB id 1416 SGL RS14595 WP 010873643.1	GRISPAESAERDAIEILRTQKIPLIDDTEDGSKGSGLMHHKFMVLDNKTIVIVTSANFTPSDQHGDYDDNFTRGNANLLV	240
NTDB id 1014 ACIAD RS13855 WP 004924483.1	.....	0
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NTDB id 105 BSU 25590 NP 390437.1	.....	0
NTDB id 197471 BH682 RS36735 WP 223304542.1	.....	0
NTDB id 1127 NGFG RS10560 WP 003703428.1	.....	0
NTDB id 1126 NGFG RS09375 WP 003703428.1	.....	0
NTDB id 1125 NGFG RS07215 WP 003703428.1	.....	0
NTDB id 1108 NGFG RS06525 WP 003703428.1	.....	0
consensus	.....	0

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MEALIEKIK

NTDB id 1034 TT RS08100 WP 024119555.1	.....	0
NTDB id 1310 DR RS09495 WP 010888490.1	.....	0
NTDB id 1272 LPP RS04360 WP 010946546.1	.....	0
NTDB id 1249 GC085 RS04230 WP 010946546.1	.....	0
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	.....	0
NTDB id 1150 A1552VC RS08580 WP 001166105.1	.....	0
NTDB id 300 STER RS07485 WP 011681496.1	.....	0
NTDB id 613 LCA RS05340 WP 231952379.1	.....MKEKILAYVK.....	10
NTDB id 1041 HON27 RS14740 WP 005124713.1	.....MMWQDYWQRY.....	10
NTDB id 1069 ABD1 RS03060 WP 043960841.1	.....	0
NTDB id 521 SMSK321 RS04960 WP 000443804.1	.....MESIIEKIK.....	9
NTDB id 493 SM12261 RS04300 WP 000387351.1	.....MEAIIEKIK.....	9
NTDB id 263 KZH43 RS04195 WP 000387330.1	.....MEAIIEKIK.....	9
NTDB id 222 SPD RS04535 WP 000387330.1	.....MEAIIEKIK.....	9
NTDB id 188 SPR RS04295 WP 000387330.1	.....MEAIIEKIK.....	9
NTDB id 153 SP RS04730 WP 000387344.1	.....MEAIIEKIK.....	9
NTDB id 1382 A4U84 RS07375 WP 062924234.1	.....	0
NTDB id 1362 HI 1008 AAC22669.1	.....	0
NTDB id 36 MW RS08230 WP 001793467.1	.....MVLLYQFLLRYKDF.....	14
NTDB id 20 SA RS08005 WP 001802022.1	.....MVLLYQFLLRYKDF.....	14
NTDB id 595 KW2 RS08725 WP 021037687.1	.....MEKILDKIK.....	9
NTDB id 1416 SGL RS14595 WP 010873643.1	VQSPAVAHLFTEEFNLLWGDGPGAEKDSLFGINKPSRPAKVLKVGETTVTVKFSPPDRRAIPFPNTSNGLIAQYLN.....	315
NTDB id 1014 ACIAD RS13855 WP 004924483.1	.....	0
NTDB id 1242 Cj0011c YP 002343483.1	.....	0
NTDB id 105 BSU 25590 NP 390437.1	.....MNWLN.....	5
NTDB id 197471 BH682 RS36735 WP 223304542.1	.....	0
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NTDB id 1126 NGFG RS09375 WP 003703428.1	.....	0
NTDB id 1125 NGFG RS07215 WP 003703428.1	.....	0
NTDB id 1108 NGFG RS06525 WP 003703428.1	.....	0
consensus		

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..EYKLIYICTGLGLLVGGFFLLKAPSTIEVKETNLQA.EVVAI.SKDSSTE.....KEVKKEEKEEPLEQDLITVD

NTDB id 1034 TT RS08100 WP 024119555.1	.....	0
NTDB id 1310 DR RS09495 WP 010888490.1	.....	0
NTDB id 1272 LPP RS04360 WP 010946546.1	.....	0
NTDB id 1249 GC085 RS04230 WP 010946546.1	.....	0
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	.....	0
NTDB id 1150 A1552VC RS08580 WP 001166105.1	.....	0
NTDB id 300 STER RS07485 WP 011681496.1	..DNRLFVSVIAVLMVIFC.FFLWMTCGAGNSMEAETSYPDVTALSTSSSKQSSQLSE.ASSQSKTEGSEKVKSKVTVD	86
NTDB id 613 LCA RS05340 WP 231952379.1	RRFWVWPCLVL.LGIIAGGFY..WHQSQQK.QKVTQNE..QLL.A.TSASKT.....KPATKKTHQAATKKKGGFVD	74
NTDB id 1041 HON27 RS14740 WP 005124713.1	.....	0
NTDB id 1069 ABD1 RS03060 WP 043960841.1	.....	0
NTDB id 521 SMSK321 RS04960 WP 000443804.1	..EYKIIIVICTGLGLLVGGFFLLKPAPHTP.VKETNLQA.EVVAI.SKDSSTE.....KDVKKEEKEEPVEQDLITVD	77
NTDB id 493 SM12261 RS04300 WP 000387351.1	..EYKIIIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQA.EVVAV.SKDSVSE.....KEVKKEEKEEPLEQDLITVD	77
NTDB id 263 KZH43 RS04195 WP 000387330.1	..EYKIIIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQA.EVAAV.SKDLVSE.....KEVNKEEKEEPLEQDLITVD	77
NTDB id 222 SPD RS04535 WP 000387330.1	..EYKIIIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQA.EVAAV.SKDLVSE.....KEVNKEEKEEPLEQDLITVD	77
NTDB id 188 SPR RS04295 WP 000387330.1	..EYKIIIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQA.EVAAV.SKDLVSE.....KEVNKEEKEEPLEQDLITVD	77
NTDB id 153 SP RS04730 WP 000387344.1	..EYKIIIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQA.EVAAV.SKDSSTE.....KEVKKEEKEEPLEQDLITVD	77
NTDB id 1382 A4U84 RS07375 WP 062924234.1	.....	0
NTDB id 1362 HI 1008 AAC22669.1	.....	0
NTDB id 36 MW RS08230 WP 001793467.1	LTQWKLYIISAVVLIMVLIGFIFWRQDDYT.SRNFENKD.NAL...KQSTSENSSLSKVEDVQVKDGDNSKNKGPVYVD	88
NTDB id 20 SA RS08005 WP 001802022.1	LTQWKLYIISAVVLIMVLIGFIFWRQDDYT.SRNFENKD.TAL...KQSTSENSSLSKLEDVQVKDGDNSKNKGPVYVD	88
NTDB id 595 KW2 RS08725 WP 021037687.1	.EYWKIMLLVVCALIAGGIFYIFTNSPKPA...ETLSV.ENL...SSSSTKS.....SVSKFNSSSSEKNKNEIMVD	73
NTDB id 1416 SGL RS14595 WP 010873643.1	.QAQQKIQLAL.....FVFSEQAL.S...NVINQ..RF.....QAGTEV.....KALIDRGFAFRYY..SEGLD	365
NTDB id 1014 ACIAD RS13855 WP 004924483.1	.....	0
NTDB id 1242 Cj0011c YP 002343483.1	.....	0
NTDB id 105 BSU 25590 NP 390437.1	.QHKKAIILAASAAVFTAI.MIFLATGKNK...EPVKQ..AV.....PTETEN.....TV.VKQEANNDESNETIVID	65
NTDB id 197471 BH682 RS36735 WP 223304542.1	.....	0
NTDB id 1127 NGFG RS10560 WP 003703428.1	.....	0
NTDB id 1126 NGFG RS09375 WP 003703428.1	.....	0
NTDB id 1125 NGFG RS07215 WP 003703428.1	.....	0
NTDB id 1108 NGFG RS06525 WP 003703428.1	.....	0

consensus

logo



NTDB id 1034 TT RS08100 WP 024119555.1	.....MVLGYLLAVALL	12
NTDB id 1310 DR RS09495 WP 010888490.1	.....MLPHERLWQVALAAGALLV	19
NTDB id 1272 LPP RS04360 WP 010946546.1	.....MKARLI	6
NTDB id 1249 GC085 RS04230 WP 010946546.1	.....MKARLI	6
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	.....MQ.....IKTKI.	7
NTDB id 1150 A1552VC RS08580 WP 001166105.1	.....MQ.....IKTKI.	7
NTDB id 300 STER RS07485 WP 011681496.1	VKGAVVNPVGYTLKA.GARVTDV IQEAGGMTEDADAKSVNLAA.....SLS...DE.....	133
NTDB id 613 LCA RS05340 WP 231952379.1	IKGAVVYPGIYPITVSETRLFV IKNAGGPTDAADTKRINLAQ.....KLT...DQ.....	122
NTDB id 1041 HON27 RS14740 WP 005124713.1	.....MQYSMRFWKKNKYFL...LI	16
NTDB id 1069 ABD1 RS03060 WP 043960841.1	.....MQYSMRFWKKNKYFV...LI	16
NTDB id 521 SMSK321 RS04960 WP 000443804.1	VKGAVKSPGIYDLSV.GSRVNDAV QKAGGLTEQADSKSLNLAQ.....KVS...DE.....	124
NTDB id 493 SM12261 RS04300 WP 000387351.1	VKGAVKSPGIYDLPV.GSRVNDAV QKAGGLTEQADSKSLNLAQ.....KVS...DE.....	124
NTDB id 263 KZH43 RS04195 WP 000387330.1	VKGAVKSPGIYDLPV.GSRVNDAV QKAGGLTEQADSKSLNLAQ.....KVS...DE.....	124
NTDB id 222 SPD RS04535 WP 000387330.1	VKGAVKSPGIYDLPV.GSRVNDAV QKAGGLTEQADSKSLNLAQ.....KVS...DE.....	124
NTDB id 188 SPR RS04295 WP 000387330.1	VKGAVKSPGIYDLPV.GSRVNDAV QKAGGLTEQADSKSLNLAQ.....KVS...DE.....	124
NTDB id 153 SP RS04730 WP 000387344.1	VKGAVKSPGIYDLPV.GSRVNDAV QKAGGLTEQADSKSLNLAQ.....KVS...DE.....	124
NTDB id 1382 A4U84 RS07375 WP 062924234.1	.....	0
NTDB id 1362 HI 1008 AAC22669.1	.....	0
NTDB id 36 MW RS08230 WP 001793467.1	VKGAVKHPNVYKMTS.KDRVVDL IDKAQLLEDA.DVSQINL.....SEKLT...DQ.....	134
NTDB id 20 SA RS08005 WP 001802022.1	VKGAVKHPNVYKMTS.KDRVVDL IDKAQLLDDA.DVSRINL.....SEKLT...DQ.....	134
NTDB id 595 KW2 RS08725 WP 021037687.1	LKGAVAKPNVYQISS.DERLVDL I RQAGGFTDQADQKSLNLSA.....KLK...DE.....	120
NTDB id 1416 SGL RS14595 WP 010873643.1	LLGV.....TLLEDCL EQPGNSPWALPTEFVGT PALPRGDKLHHK FALVDDDTVITGSHNWSPAANHNNDET	432
NTDB id 1014 ACIAD RS13855 WP 004924483.1	.....MS.....IRHFFT.....FFWATL.....	14
NTDB id 1242 Cj0011c YP 002343483.1	.....	0
NTDB id 105 BSU 25590 NP 390437.1	IKGAVQHPGVYEMRT.GDRVSQA I TEKAGGTSEQADEAQVN.....LAEILQ.....D.....	111
NTDB id 197471 BH682 RS36735 WP 223304542.1	.....	0
NTDB id 1127 NGFG RS10560 WP 003703428.1	.....MSRGGATPY...RFL L.....IRHIVA.....R.....	20
NTDB id 1126 NGFG RS09375 WP 003703428.1	.....MSRGGATPY...RFL L.....IRHIVA.....R.....	20
NTDB id 1125 NGFG RS07215 WP 003703428.1	.....MSRGGATPY...RFL L.....IRHIVA.....R.....	20
NTDB id 1108 NGFG RS06525 WP 003703428.1	.....MSRGGATPY...RFL L.....IRHIVA.....R.....	20

consensus

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logo



NTDB id 1034 TT RS08100 WP 024119555.1	GLLALWPK...LAPAP...L...PVRVEA...LGK...VAPLPQAQTPVSLNEASLEE	55
NTDB id 1310 DR RS09495 WP 010888490.1	GGLTLGPA...LLPRP...QLPTVTRTALPPVQADA...NAEPRTY...PTTASVTPLISGRVNLNTASQEQ	79
NTDB id 1272 LPP RS04360 WP 010946546.1	.AILL...SFIVIPF...SSQ...AENEPQ...KTPAKQVLVKGKINLNTADVYS	48
NTDB id 1249 GC085 RS04230 WP 010946546.1	.AILL...SFIVIPF...SSQ...AENEPQ...KTPAKQVLVKGKINLNTADVYS	48
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	..VTLF...LSLCLPTLPLLANAEE...ETA...PAAQVEEGIVITVNIINTASAAEE	51
NTDB id 1150 A1552VC RS08580 WP 001166105.1	..VTLF...LSLCLPTLPLLANAEE...ETA...PAAQVEEGIVITVNIINTASAAEE	51
NTDB id 300 STER RS07485 WP 011681496.1	.....EVIYVANKDENVSULDQT...GT...G...QVS...DKGGQAVSKDGKINLNTATSEQ	179
NTDB id 613 LCA RS05340 WP 231952379.1	.....LIIYIPKKGVEVTDQELIQAPQIAT...TSERTQEASTGT...SANASSTSDTAKIDLNQADSTQ	183
NTDB id 1041 HON27 RS14740 WP 005124713.1	.MLCLG.VISPSVCAQSFQDNFQEW...KAKQQMYDQKLNITKSSHSNGSKISQTKNFNDSTGQIHLNQANVNE	85
NTDB id 1069 ABD1 RS03060 WP 043960841.1	.MLCLG.VISPSVCAQSFQDNFQEW...KVKQQMYDQKLNISKSSHSNSSKISQTKNFNDSTGQIHLNQANVNE	85
NTDB id 521 SMSK321 RS04960 WP 000443804.1	.....ALVYVPTKGEESASQ...HTG...SGAPSSTSKDKKINLNKASLEE	164
NTDB id 493 SM12261 RS04300 WP 000387351.1	.....ALVYVPTKGEEAASQ...QAG...PGTASSTSKEKKVNLNKAASLEE	164
NTDB id 263 KZH43 RS04195 WP 000387330.1	.....ALVYVPTKGEEAVSQ...QTG...LGTASSISKEKKVNLNKAASLEE	164
NTDB id 222 SPD RS04535 WP 000387330.1	.....ALVYVPTKGEEAVSQ...QTG...LGTASSISKEKKVNLNKAASLEE	164
NTDB id 188 SPR RS04295 WP 000387330.1	.....ALVYVPTKGEEAVSQ...QTG...LGTASSISKEKKVNLNKAASLEE	164
NTDB id 153 SP RS04730 WP 000387344.1	.....ALVYVPTKGEEAVSQ...QTG...SGTASSTSKEKKVNLNKAASLEE	164
NTDB id 1382 A4U84 RS07375 WP 062924234.1	.MKKLS...RYTFSLLFG.LFSATTFAEKVTTSTEHTPVVMQ...Q...VAATQKVNANVVNIINTATASE	60
NTDB id 1362 HI 1008 AAC22669.1	.MKTL...FTSVVLCGALVVSSSFAEEKATXQTAQSVVTTQ...A...EAQVAPAVVSDKLNININTATASE	60
NTDB id 36 MW RS08230 WP 001793467.1	.....KMIFIPHKGQKN...VEP...QIGVNS...VHVKNGTNNTKVNLTASVSE	177
NTDB id 20 SA RS08005 WP 001802022.1	.....KMIFIPHKGQKN...VEP...QIEVNS...VHVKNGTNNTKVNLTASVSE	177
NTDB id 595 KW2 RS08725 WP 021037687.1	.....EVIYVPKVGESSSE...S...TDSPTGSS...VSNQISTTSGPKVNIINKADLTE	166
NTDB id 1416 SGL RS14595 WP 010873643.1	.VLVLQNAQIAAHYQRELDRLYAVTEYGLP...PTVQARIDRQEQCANRPS...PKPLAKATPNRLVNLNRGSQEE	503
NTDB id 1014 ACIAD RS13855 WP 004924483.1	..LTLFSM...QIVFAQGFQDQYDAW...KTQKKAHDTRLNSSASHSL...SKPTQSGTGKVNINSATAKE	77
NTDB id 1242 Cj0011c YP 002343483.1	.....MK...KL.LF...LFFALTAFLFGAVNIINTATLKE	28
NTDB id 105 BSU 25590 NP 390437.1	.....G..TVVYI...PK...KG...EETA...VQGGG...GSVQSDGGKALVNIINTATLEE	153
NTDB id 197471 BH682 RS36735 WP 223304542.1	.....MNLNTATEAE	10
NTDB id 1127 NGFG RS10560 WP 003703428.1	.....C..GLLFA...TL...KG...KTMK...KMFVLF...CMLFSCAFSLAAVNIINAASQQE	62
NTDB id 1126 NGFG RS09375 WP 003703428.1	.....C..GLLFA...TL...KG...KTMK...KMFVLF...CMLFSCAFSLAAVNIINAASQQE	62
NTDB id 1125 NGFG RS07215 WP 003703428.1	.....C..GLLFA...TL...KG...KTMK...KMFVLF...CMLFSCAFSLAAVNIINAASQQE	62
NTDB id 1108 NGFG RS06525 WP 003703428.1	.....C..GLLFA...TL...KG...KTMK...KMFVLF...CMLFSCAFSLAAVNIINAASQQE	62

consensus

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NTDB id 1034 TT RS08100 WP 024119555.1  
 NTDB id 1310 DR RS09495 WP 010888490.1  
 NTDB id 1272 LPP RS04360 WP 010946546.1  
 NTDB id 1249 GC085 RS04230 WP 010946546.1  
 NTDB id 1159 ABDM36 RS04765 WP 001166105.1  
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 NTDB id 613 LCA RS05340 WP 231952379.1  
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 NTDB id 1069 ABD1 RS03060 WP 043960841.1  
 NTDB id 521 SMSK321 RS04960 WP 000443804.1  
 NTDB id 493 SM12261 RS04300 WP 000387351.1  
 NTDB id 263 KZH43 RS04195 WP 000387330.1  
 NTDB id 222 SPD RS04535 WP 000387330.1  
 NTDB id 188 SPR RS04295 WP 000387330.1  
 NTDB id 153 SP RS04730 WP 000387344.1  
 NTDB id 1382 A4U84 RS07375 WP 062924234.1  
 NTDB id 1362 HI 1008 AAC22669.1  
 NTDB id 36 MW RS08230 WP 001793467.1  
 NTDB id 20 SA RS08005 WP 001802022.1  
 NTDB id 595 KW2 RS08725 WP 021037687.1  
 NTDB id 1416 SGL RS14595 WP 010873643.1  
 NTDB id 1014 ACIAD RS13855 WP 004924483.1  
 NTDB id 1242 Cj0011c YP 002343483.1  
 NTDB id 105 BSU 25590 NP 390437.1  
 NTDB id 197471 BH682 RS36735 WP 223304542.1  
 NTDB id 1127 NGFG RS10560 WP 003703428.1  
 NTDB id 1126 NGFG RS09375 WP 003703428.1  
 NTDB id 1125 NGFG RS07215 WP 003703428.1  
 NTDB id 1108 NGFG RS06525 WP 003703428.1

consensus



LM. ALPGIGPVLARRIVEGR...PYARVEDLLKVKGIGPATLERLRPYLRP..... 102  
 LE. ALPKVGPAMAKKI IAGR...PYHSLADLD RVKGVGEATLRLTLPLVKV..... 126  
 LTGSFKGIGKKRAEAI IAYRENHQGFKSLEELA EVKVGIGQRFV DKNREKLKEIFVIN..... 105  
 LTGSFKGIGKKRAEAI IAYRENHQGFKSLEELA EVKVGIGQRFV DKNREKLKEIFVIN..... 105  
 LATLLK GIGLKKQA IVDYREANGPFTH IDDL TNVKGIG EATVRNNAAR ILL..... 103  
 LATLLK GIGLKKQA IVDYREANGPFTH IDDL TNVKGIG EATVRNNAAR ILL..... 103  
 LQ. TISGIGAKRAEDVIAYRESHGGFQSVDDLK NVSGIGDKTLDK IRESLYVA..... 231  
 LQ. TLNGIGPKKAEQIIAYRDEQ GKFKQIEDLQK VGGIGPKTFEQLQSQICVN..... 235  
 FQ. QLKGVGEKKAQA IVEYRQKNGSFKN IDEIKNVK GIGPAIF EKNKSRLAL..... 136  
 FQ. QLKGVGEKKAQA IVEYRQKNGSFKN IDEIKNVK GIGPAIF EKNKSRLAL..... 136  
 LK. QVKGLGGKRAQDI IDHREANGKFKSVDELK KVSGIGAKTIEK LKDYVTVD..... 216  
 IQDKLVGIGAKKAQA IVEYREKNGKFLNVEQLTEVSGIGKATLEKNRDCIVIE..... 113  
 IQKSLTGIGAKKAEAI VQYREKHGNFXNAEQ LLEVQGIGKATLEKNRDRIF..... 112  
 LM. SVPGVQAKANA IVEYRNQGFQAFQIEDDLK KVKGFSGSKTFDKL KSYFTI..... 228  
 LM. SVPGVQAKANA IVEYRNQGFQAFQIEDDLK KVKGFSGSKTFDKL KSYFTI..... 228  
 LQ. KLTGIGQKKAQDI IDFRMKNNGDFKSI EDLQK VSGFGDKTLEK LKDETSID..... 218  
 LE. SLPGIGPSTAEKII STREQ. KAFTSLEDLGRVKGIGPSKIEGLRGKVTW..... 553  
 LQ. QLHG VGEKKALAI VEYRQYQYGFASVDDLQ KVKGIGPKFIEKNRDLRAT..... 128  
 LK. SLNGIGEA KAKA ILEYRKE. ANFTS IDDLK KVKGIGDKLFEKIKNDITIE..... 79  
 LQ. GISGVGPSKAEAI IAYREENGRFQTI EDITK VSGIG EKSF EKIKSSITVK..... 205  
 LD. ELPGVGPVTA AAAI ISWRTSNGRFTDIEQLGEVDGIGPARLAKLRVLSV..... 61  
 LE. ALPGIGPAKAKA IA EYRAQNGAFKSVDDL I KVKGIGPAVLAKLKDQASV GAPA PKGPAKPVLPVAVKK 131  
 LE. ALPGIGPAKAKA IA EYRAQNGAFKSVDDL I KVKGIGPAVLAKLKDQASV GAPA PKGPAKPVLPVAVKK 131  
 LE. ALPGIGPAKAKA IA EYRAQNGAFKSVDDL I KVKGIGPAVLAKLKDQASV GAPA PKGPAKPVLPVAVKK 131  
 LE. ALPGIGPAKAKA IA EYRAQNGAFKSVDDL I KVKGIGPAVLAKLKDQASV GAPA PKGPAKPVLPVAVKK 131

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[X] non conserved  
 [X] similar  
 [X] ≥ 50% conserved