

logo

NTDB id 1294 VP RS04495 WP 021449594.1	MVLLYRFLRLRYKDFLTQWKLYII	0
NTDB id 1395 DSB67 RS04445 WP 010649155.1		0
NTDB id 1362 HI 1008 AAC22669.1		0
NTDB id 1382 A4U84 RS07375 WP 062924234.1		0
NTDB id 613 LCA RS05340 WP 231952379.1	MMWQDYWQRYRRFVWVPCVLVLGIIAGGFYWHQSQQKQKVTTQNEQLLATSA.....SKTKPATKKTHQAATK	67
NTDB id 595 KW2 RS08725 WP 021037687.1	...MEKI...LDKLKEYWKIMLL...VVCA.LIAGGIFYIFTNSP...KPAETLSVENLSSSSSTKSSVS....KFNSSSSEKN	66
NTDB id 1069 ABD1 RS03060 WP 043960841.1		0
NTDB id 20 SA RS08005 WP 001802022.1	MVLLYQFLLRYKDFLTQWKLYII...SAVV.LIMVLIGFIFWRQDDYTSRNFENKDTALKQSTSENNSSLSKLEDVQVKDGDNSKN	81
NTDB id 36 MW RS08230 WP 001793467.1	MVLLYQFLLRYKDFLTQWKLYII...SAVV.LIMVLIGFIFWRQDDYTSRNFENKDNALKQSTSENNSSLSKVEDVQVKDGDNSKN	81
NTDB id 1014 ACIAD RS13855 WP 004924483.1		0
NTDB id 105 BSU 25590 NP 390437.1	MNWLNQHKKAI...LAAS.AAVFTAIMIFLATG...KNKE...PVKQAVPT...ETENTVVKQEANNDES	58
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
NTDB id 33010 NAMH RS08245 WP 015902049.1		0
NTDB id 1242 Cj0011c YP 002343483.1		0
consensus		

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NTDB id 1294 VP RS04495 WP 021449594.1	K...Y...VDYKCAV...HPNVY...MTS...KDRVVDLLDKAQLLD.DADVSR...INLSEKLTQDKMIFIPHKGQKNVEPQIEV.....	20
NTDB id 1395 DSB67 RS04445 WP 010649155.1	MK...W.I.....LTCLVVFAPLSLAA.....D.	21
NTDB id 1362 HI 1008 AAC22669.1	MK...W.M.....LTCLLILAPMSWAET.....K.	24
NTDB id 1382 A4U84 RS07375 WP 062924234.1	MK...T.L..FTSVVLCCALVSSSFAEE.....K.	25
NTDB id 613 LCA RS05340 WP 231952379.1	MK...K.LSRYT...SLIFG.LFSATTFAEE.....K.	151
NTDB id 595 KW2 RS08725 WP 021037687.1	KKGGFVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKR...INLAQKLTQDLITVYPKKGEVVTQDELIAQAPQIATTSE.	139
NTDB id 1069 ABD1 RS03060 WP 043960841.1	KNEIMVDLKGAVAKPNVYQISS.DERLVDLIRQAGGFTDQADQKS...INLSAKLKDEEVIYVPKVGESSSSSESTDS.....	41
NTDB id 20 SA RS08005 WP 001802022.1	MQYSMF.WKNKYFVLIM...CLGVISPSVCAQSFDQNFQEWKV	153
NTDB id 36 MW RS08230 WP 001793467.1	KGPVYVDVKGAVKHPNVYKMTS.KDRVVDLLDKAQLLD.DADVSR...INLSEKLTQDKMIFIPHKGQKNVEPQIEV.....	153
NTDB id 1014 ACIAD RS13855 WP 004924483.1	KGPVYVDVKGAVKHPNVYKMTS.KDRVVDLLDKAQLLE.DADVSQ...INLSEKLTQDKMIFIPHKGQKNVEPQIGV.....	37
NTDB id 105 BSU 25590 NP 390437.1	MSIRHFFT...FFWAT...LTFLFSMQIVFAQGFDDQYDAWKT	129
NTDB id 1127 NGFG RS10560 WP 003703428.1	NETIVIDIKGAVQHPGVYEMRT.GDRVSQAIEKAGGTSEQADEAQVN...LAEILQDGTVVYIPKKG.EETAVQQG.....	38
NTDB id 1126 NGFG RS09375 WP 003703428.1	MSRGGATPYR...FLLIRHIVARCGLLFATLKG.KTMKKMFV.....	38
NTDB id 1125 NGFG RS07215 WP 003703428.1	MSRGGATPYR...FLLIRHIVARCGLLFATLKG.KTMKKMFV.....	38
NTDB id 1108 NGFG RS06525 WP 003703428.1	MSRGGATPYR...FLLIRHIVARCGLLFATLKG.KTMKKMFV.....	38
NTDB id 33010 NAMH RS08245 WP 015902049.1	MKKFLI.....	6
NTDB id 1242 Cj0011c YP 002343483.1	MKKLLF.....	6
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NTDB id 1294 VP RS04495 WP 021449594.1	TKAD.....KYEGIEITVNINTASAEETATMLKGIGEEKKAQSI	VDYRTEHGPFKTAADLTNVKGIGEA	83
NTDB id 1395 DSB67 RS04445 WP 010649155.1	TKAD.....KYEGIEITVNINSATAQEITATLLIGIGEEKKAQDT	VEYRNEHGPFKTAADLTNVKGIGEA	84
NTDB id 1362 HI 1008 AAC22669.1	ATXQTAQSVVTTQAEAQVAPAVVSDKLNINTATASEIQKSLTGIGAKKAEAI	VQYREKHGNFXNAEQLLLEVQGIGKA	101
NTDB id 1382 A4U84 RS07375 WP 062924234.1	VTTSTEHTPVVMQQ.VAATQKVNANVVNINTATASEIQDKLVGIGAKKAQAI	VEYREKNGKFLNVEQLTEVSGIGKA	101
NTDB id 613 LCA RS05340 WP 231952379.1	RTQECASTGTSANASSTSDTAKIDINQADSTQLQT.LNGIGPKKAEQI	IAYRDEQKFKQIEDLQKVGIGPK	223
NTDB id 595 KW2 RS08725 WP 021037687.1	PTGSSVS..NQISTTSGPKVNINKADLTTELK.LTGIGQKKAQDT	IDFRMKNNGDFKSIEDLGKVSFGDK	206
NTDB id 1069 ABD1 RS03060 WP 043960841.1	KQQMYDQKLNISKSSHSNSSKISQTKNFNDSTGQHINQANVNEFQQ.LKGIGEEKKAQAI	VEYRQKNGSFKNIDEIKNVKGIGPA	125
NTDB id 20 SA RS08005 WP 001802022.1	NSVHVK....NGNTNNTKVNINTASVSELMS.VPGVGQAKANAIVEYRNQ	QGAQFQEIDDLKVKVGFSGK	217
NTDB id 36 MW RS08230 WP 001793467.1	NSVHVK....NGNTNNTKVNINTASVSELMS.VPGVGQAKANAIVEYRNQ	QGAQFQEIDDLKVKVGFSGK	217
NTDB id 1014 ACIAD RS13855 WP 004924483.1	QQKAHDTRLNSSASHHSLSKPT...QQSGTGVKVNINSATAKELQQ.LHGVGEKKALAI	VEYRQQYGFASVDDLQKVGIGPK	117
NTDB id 105 BSU 25590 NP 390437.1	GGGSVQ....SDGGKGALVNINTATLEELQG.TSGVGPSKAEAI	IAYREENGRFQTIEDITKVSIGIGEK	193
NTDB id 1127 NGFG RS10560 WP 003703428.1	LFCMLF....SCAFSLAAVNINAASQQELEA.LPGIGPAKAKATAEYRAQ	NGAFKSVDDLKVKVIGPA	102
NTDB id 1126 NGFG RS09375 WP 003703428.1	LFCMLF....SCAFSLAAVNINAASQQELEA.LPGIGPAKAKATAEYRAQ	NGAFKSVDDLKVKVIGPA	102
NTDB id 1125 NGFG RS07215 WP 003703428.1	LFCMLF....SCAFSLAAVNINAASQQELEA.LPGIGPAKAKATAEYRAQ	NGAFKSVDDLKVKVIGPA	102
NTDB id 1108 NGFG RS06525 WP 003703428.1	LFCMLF....SCAFSLAAVNINAASQQELEA.LPGIGPAKAKATAEYRAQ	NGAFKSVDDLKVKVIGPA	102
NTDB id 33010 NAMH RS08245 WP 015902049.1	L.FLF.....VISLFAKININTATMQELHS.LKGIGHTKALAI	MEYRKK.HPFQKIEDIMKVKVIGVK	66
NTDB id 1242 Cj0011c YP 002343483.1	LFFAL.....TAFLFGAVNINTATLKEKLS.LNGIGEA	KAKATIEYRKE..ANFTSIDDLLKVKVIGDK	67
consensus	***!*!* ** *!* !!*!*!*! **!*!*! *		

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NTDB id 1294 VP RS04495 WP 021449594.1	TLEKKNEDRIIL	94
NTDB id 1395 DSB67 RS04445 WP 010649155.1	TVRKKNEDRIIL	95
NTDB id 1362 HI 1008 AAC22669.1	TLEKKNEDRIIF	112
NTDB id 1382 A4U84 RS07375 WP 062924234.1	TLEKKNEDCTVTE	113
NTDB id 613 LCA RS05340 WP 231952379.1	TFEQLQSQICVN	235
NTDB id 595 KW2 RS08725 WP 021037687.1	TLEKKNEDISID	218
NTDB id 1069 ABD1 RS03060 WP 043960841.1	IFEKKNESRIAL	136
NTDB id 20 SA RS08005 WP 001802022.1	TFDKKLSYFTI	228
NTDB id 36 MW RS08230 WP 001793467.1	TFDKKLSYFTI	228
NTDB id 1014 ACIAD RS13855 WP 004924483.1	FTEKKNEDRIAL	128
NTDB id 105 BSU 25590 NP 390437.1	SFEKKNESITVK	205
NTDB id 1127 NGFG RS10560 WP 003703428.1	VLAKKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1126 NGFG RS09375 WP 003703428.1	VLAKKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1125 NGFG RS07215 WP 003703428.1	VLAKKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1108 NGFG RS06525 WP 003703428.1	VLAKKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 33010 NAMH RS08245 WP 015902049.1	TFEKKDEIEVK	78
NTDB id 1242 Cj0011c YP 002343483.1	LFEKKNDITIE	79
consensus	***** * *	

- ⊠ non conserved
- ⊠ similar
- ⊠ ≥ 50% conserved