

logo

NTDB id 595 KW2 RS08725 WP 021037687.1	MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETLSVENLSSSSSTKSSSVSKFNSSSSSEKNKNEIMVDLKGAVAKPNVYQ	85
NTDB id 105 BSU 25590 NP 390437.1	MNWLNQHKKAIILAASAAVFTAIM.IFLATGKNKEPV..KQAVPTETENTVVVKQ.EANNDESNETIVIDIKGAVQHPGVYE	77
NTDB id 1014 ACIAD RS13855 WP 004924483.1	MSIRHFFT...FFW	11
NTDB id 1127 NGFG RS10560 WP 003703428.1	MSRGGATPYRFLLRHIVARCGLLF	25
NTDB id 1126 NGFG RS09375 WP 003703428.1	MSRGGATPYRFLLRHIVARCGLLF	25
NTDB id 1125 NGFG RS07215 WP 003703428.1	MSRGGATPYRFLLRHIVARCGLLF	25
NTDB id 1108 NGFG RS06525 WP 003703428.1	MSRGGATPYRFLLRHIVARCGLLF	25
NTDB id 36637 DEFDS RS01795 WP 013007105.1		0
NTDB id 1242 Cj0011c YP 002343483.1		0
NTDB id 1272 LPP RS04360 WP 010946546.1		0
NTDB id 1249 GC085 RS04230 WP 010946546.1		0
NTDB id 1362 HI 1008 AAC22669.1		0
NTDB id 1382 A4U84 RS07375 WP 062924234.1		0
NTDB id 1294 VP RS04495 WP 021449594.1		0
consensus		

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NTDB id 595 KW2 RS08725 WP 021037687.1	ISSDERL.....VDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSESSTDSPTGSSVSNSQISTTSGPKVNI	159
NTDB id 105 BSU 25590 NP 390437.1	.MRTGDRVS.....QAIEKAGGTSEQADEAQVNLAAILQDGTVVYIPKKGEETAV....QQG.GGGSVQSDGGKGALVNI	146
NTDB id 1014 ACIAD RS13855 WP 004924483.1	ATLL....T.....LFSMQIVFAAGFDQQYDAW.....KTQQAHDTRLNSSASHH.SLSKPTQQSGTGKVNII	70
NTDB id 1127 NGFG RS10560 WP 003703428.1	ATLKGKTMKKM....FVLFCMLF.....SCAFSLAAVNI	55
NTDB id 1126 NGFG RS09375 WP 003703428.1	ATLKGKTMKKM....FVLFCMLF.....SCAFSLAAVNI	55
NTDB id 1125 NGFG RS07215 WP 003703428.1	ATLKGKTMKKM....FVLFCMLF.....SCAFSLAAVNI	55
NTDB id 1108 NGFG RS06525 WP 003703428.1	ATLKGKTMKKM....FVLFCMLF.....SCAFSLAAVNI	55
NTDB id 36637 DEFDS RS01795 WP 013007105.1	MKKL....LFLMIFIF.....ITSVLFKINI	23
NTDB id 1242 Cj0011c YP 002343483.1	MKKL....LF..LFFA.....LTAFLFGAVNI	21
NTDB id 1272 LPP RS04360 WP 010946546.1	MKAR..LIAILLS.FIV.IPFSSQAENE.....PQK.....TPAKQVLVKCKINL	41
NTDB id 1249 GC085 RS04230 WP 010946546.1	MKAR..LIAILLS.FIV.IPFSSQAENE.....PQK.....TPAKQVLVKCKINL	41
NTDB id 1362 HI 1008 AAC22669.1	MKTL..FTSVVLCGALV.VSSSFAEEKATX....QTAQSVVTTQAE.....AQVAPAVVSDKLNII	53
NTDB id 1382 A4U84 RS07375 WP 062924234.1	MKKLSRYTFSLLFG.LF.SATTFAEEKVTT....STEHTPVVMQ.....VAATQKVNANVNI	53
NTDB id 1294 VP RS04495 WP 021449594.1	MKWI....LTLCLVVF.APLSLAADTK.....ADKYEGIEITVNI	35
consensus	*** * ** *** *	* ! *

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NTDB id 595 KW2 RS08725 WP 021037687.1	NKADLTLELQ.KLTGIGQKKAQDIIDFRMKNQDFKSIEDLGKVSQFGDKTLEKLKDEISID.....	218
NTDB id 105 BSU 25590 NP 390437.1	NTATLEELQ.GISGVGPSKAEAIAYREENGRTIEDITKVSGIGEKSFEEKIKSSITVK.....	205
NTDB id 1014 ACIAD RS13855 WP 004924483.1	NSATAKELQ.QLHGVGEKKALAIIVEYRQQYQKGFASVDDLQKVKGIGPKFIEKNRDLAI.....	128
NTDB id 1127 NGFG RS10560 WP 003703428.1	NAASQQELE.ALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1126 NGFG RS09375 WP 003703428.1	NAASQQELE.ALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1125 NGFG RS07215 WP 003703428.1	NAASQQELE.ALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 1108 NGFG RS06525 WP 003703428.1	NAASQQELE.ALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB id 36637 DEFDS RS01795 WP 013007105.1	NTATKEELM.SLKGLEKKAEAITERREK.KPFDSIEELLEIKGIGKRFLEKNKDNITCVGSDC.....	84
NTDB id 1242 Cj0011c YP 002343483.1	NTATLKEKL.SLNGIGEAKAKAILEYRKE.ANFTSIEDDLKKVKGIGDKLFEKIKNDITIE.....	79
NTDB id 1272 LPP RS04360 WP 010946546.1	NTADVSLTGFSFKGIGKKRAEAIAYRENHQGFKSLEELAENVKGIGQRFVDKNREKLKEIFVIN.....	105
NTDB id 1249 GC085 RS04230 WP 010946546.1	NTADVSLTGFSFKGIGKKRAEAIAYRENHQGFKSLEELAENVKGIGQRFVDKNREKLKEIFVIN.....	105
NTDB id 1362 HI 1008 AAC22669.1	NTATASEIQKSLTGIGAKKAEAIQYREKHGNFXNAEQLLEVQGIGKATLEKNRDRIIF.....	112
NTDB id 1382 A4U84 RS07375 WP 062924234.1	NTATASEIQDKLVGIGAKKAQAIIVEYREKNGKFLNVEQLTEVSGIGKATLEKNRDCIVIE.....	113
NTDB id 1294 VP RS04495 WP 021449594.1	NTASAEIATMLKGIGEKKAQSIVDYRTEHGPFKTAADLTNVKGIGEATIKKNEDRILL.....	94
consensus	! ! ! * * ! ! ! * ! * ! * ! * ! * ! * ! * ! * * ! * ! * ! * *	

 non conserved
 similar
 $\geq 50\%$ conserved