

logo

MEAIIEKIKKEYKI..IVICTGLGLLVGGFFLLKPAPQTPVKE...TNLQAEVVAISKDSS...TEKDVKKEE

NTDB id 1159 ABDM36 RS04765 WP 001166105.1	.....	0
NTDB id 1150 A1552VC RS08580 WP 001166105.1	.....	0
NTDB id 1294 VP RS04495 WP 021449594.1	.....	0
NTDB id 1395 DSB67 RS04445 WP 010649155.1	.....	0
NTDB id 1382 A4U84 RS07375 WP 062924234.1	.....	0
NTDB id 1362 HI 1008 AAC22669.1	.....	0
NTDB id 105 BSU 25590 NP 390437.1	.....MNWLNQHKKAIILAASA AVFTAIMIFLATG...KNKE.....PVKQAVPT....ETENTVVKQE	52
NTDB id 20 SA RS08005 WP 001802022.1	MVLLYQFLLRYKDFLTQWKLYIISAVVLMVLI GFIFWRQDDYTSRNFENKD...TALKQSTSENNS.LSKLEDVQVKD	75
NTDB id 36 MW RS08230 WP 001793467.1	MVLLYQFLLRYKDFLTQWKLYIISAVVLMVLI GFIFWRQDDYTSRNFENKD...NALKQSTSENSS.LSKVEDVQVKD	75
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 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 300 STER RS07485 WP 011681496.1	.....MKEKILAYVKDNRLF.VSVIAVLMVIFCFFLWMT CGAGNSMEAETS YTDVTALSTSSSKQSSQSLSEASSQSKT	73
NTDB id 521 SMSK321 RS04960 WP 000443804.1	.....MESIIEKIKKEYKI..IVICTGLGLLVGGFFLLKPAPHTPVKE...TNLQAEVVAISKDSS...TEKDVKKEE	64
NTDB id 493 SM12261 RS04300 WP 000387351.1	.....MEAIIEKIKKEYKI..IVICTGLGLLVGGFFLLKPAPQTPVKE...TNLQAEVVAISKDSS...TEKDVKKEE	64
NTDB id 153 SP RS04730 WP 000387344.1	.....MEAIIEKIKKEYKI..IVICTGLGLLVGGFFLLKPAPQTPVKE...TNLQAEVVAISKDSS...TEKDVKKEE	64
NTDB id 263 KZH43 RS04195 WP 000387330.1	.....MEAIIEKIKKEYKI..IVICTGLGLLVGGFFLLKPAPQTPVKE...TNLQAEVVAISKDSS...TEKDVKKEE	64
NTDB id 222 SPD RS04535 WP 000387330.1	.....MEAIIEKIKKEYKI..IVICTGLGLLVGGFFLLKPAPQTPVKE...TNLQAEVVAISKDSS...TEKDVKKEE	64
NTDB id 188 SPR RS04295 WP 000387330.1	.....MEAIIEKIKKEYKI..IVICTGLGLLVGGFFLLKPAPQTPVKE...TNLQAEVVAISKDSS...TEKDVKKEE	64
NTDB id 613 LCA RS05340 WP 231952379.1	.....MMWQDYWQRYRRFWW..VPCLVLLGIIAGGFYWHQSQQKQKVT...QNEQLLATSASKT.....KPATKKT	61
NTDB id 595 KW2 RS08725 WP 021037687.1	.....MEKILDKLKEYWK..IMLLVVCALIAGGFIFYIFTNSPKPAET...LSVENLSSSSTKS.....SVSKFNS	60
NTDB id 1014 ACIAD RS13855 WP 004924483.1	.....MSIRHFFTFFWA..TLLTL.....	17
NTDB id 43007 BDGL 003489 YP 004997757.1	.....	0
NTDB id 1069 ABD1 RS03060 WP 043960841.1	.....MQYSRFRWK..NKYFVLIMLCLG.....	21
NTDB id 1041 HON27 RS14740 WP 005124713.1	.....MQYSRFRWK..NKYFLLIMLCLG.....	21
consensus		

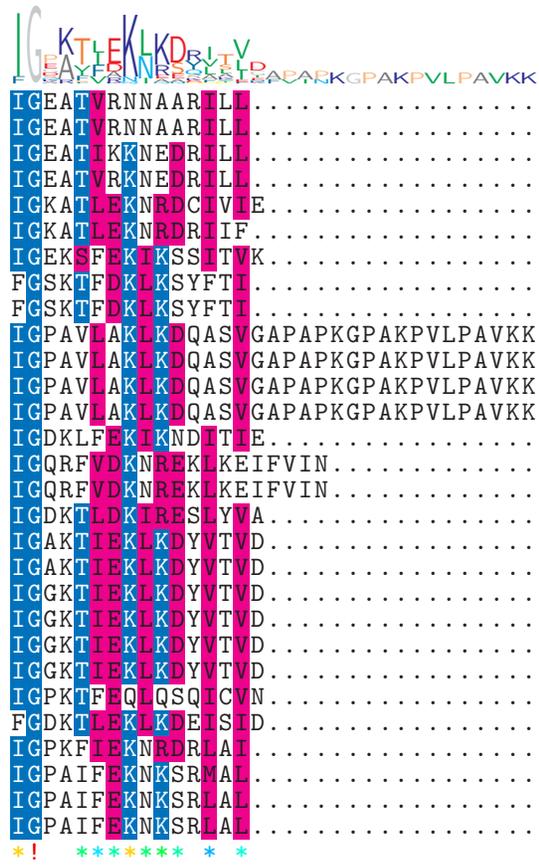
logo



NTDB id 1159 ABDM36 RS04765 WP 001166105.1	.....VEEGIVITVNI	INTASAEELATLLK	GIGLKKAAQ	IVDYREANGP	FTHIDDL	TNVKG	88
NTDB id 1150 A1552VC RS08580 WP 001166105.1	.....VEEGIVITVNI	INTASAEELATLLK	GIGLKKAAQ	IVDYREANGP	FTHIDDL	TNVKG	88
NTDB id 1294 VP RS04495 WP 021449594.1	.....KYEGIEITVNI	NTASAEETATMLK	GIGLKKAAQ	SIVDYRTEHGP	FKTAADL	TNVKG	79
NTDB id 1395 DSB67 RS04445 WP 010649155.1	.....KYEGIEITVNI	VNSATAQEIIATLL	LIGIGEKKAQ	DIVEYRNEHGP	FKTAADL	TNVKG	80
NTDB id 1382 A4U84 RS07375 WP 062924234.1	HT.....PVVMQQ.VAAT	QKVNANVNI	INTATASEIQDKLV	GIGAKKAAQ	IVEYREKNGK	FLNVEQLTEVSG	97
NTDB id 1362 HI 1008 AAC22669.1	QS.....VVTTQAEAQV	APAVVSDKLN	INTATASEIQKSLT	GIGAKKAAE	IVQYREKHG	NFXNAEQLLLEVQ	97
NTDB id 105 BSU 25590 NP 390437.1	G.....G.SVQSDGGK	GALVNI	INTATLEELQ.G	ISGVGPSKAE	AIAYREENGR	FQTIEDITK	189
NTDB id 20 SA RS08005 WP 001802022.1	V.....NSVHVKNGNTN	NNTKVN	LNTASVSELM.SV	PGVGGQAKANA	IVEYRNQQ	GAFAQEIDDLK	213
NTDB id 36 MW RS08230 WP 001793467.1	V.....NSVHVKNGNTN	NNTKVN	LNTASVSELM.SV	PGVGGQAKANA	IVEYRNQQ	GAFAQEIDDLK	213
NTDB id 1127 NGFG RS10560 WP 003703428.1	V.....LFCMLFSCAF	SFLAAVNI	INAASQQELE.AL	PGIGPAKAKA	IAEYRAQNG	AFKSVDDLK	98
NTDB id 1126 NGFG RS09375 WP 003703428.1	V.....LFCMLFSCAF	SFLAAVNI	INAASQQELE.AL	PGIGPAKAKA	IAEYRAQNG	AFKSVDDLK	98
NTDB id 1125 NGFG RS07215 WP 003703428.1	V.....LFCMLFSCAF	SFLAAVNI	INAASQQELE.AL	PGIGPAKAKA	IAEYRAQNG	AFKSVDDLK	98
NTDB id 1108 NGFG RS06525 WP 003703428.1	V.....LFCMLFSCAF	SFLAAVNI	INAASQQELE.AL	PGIGPAKAKA	IAEYRAQNG	AFKSVDDLK	98
NTDB id 1242 Cj0011c YP 002343483.1	F.....LF.FALTAFL	FGAVNI	INTATLKELEK.S	LNGIGEAKAKA	ILEYRKE.A	NFTSIDDL	63
NTDB id 1272 LPP RS04360 WP 010946546.1	.....AE...NEPQKTP	AKQVLVKGK	INLNTADVSLT	GSFKGIGK	KRAEAI	IAYRENHQ	85
NTDB id 1249 GC085 RS04230 WP 010946546.1	.....AE...NEPQKTP	AKQVLVKGK	INLNTADVSLT	GSFKGIGK	KRAEAI	IAYRENHQ	85
NTDB id 300 STER RS07485 WP 011681496.1	GT.....GQVSDKGG	QAVSKDGI	INLNTATSEQL	Q.TTSGIGAK	RAEDVI	IAYRESHG	215
NTDB id 521 SMSK321 RS04960 WP 000443804.1	S.....GAPSSTSKD	KKINLN	KASLEELK.QV	KGLGGKRAQ	DIIDHREANG	KFKSVDEL	200
NTDB id 493 SM12261 RS04300 WP 000387351.1	P.....GTASSTSKE	KKVNLN	KASLEELK.QV	KGLGGKRAQ	DIIDHREANG	KFKSVDEL	200
NTDB id 153 SP RS04730 WP 000387344.1	S.....GTASSTSKE	KKVNLN	KASLEELK.QV	KGLGGKRAQ	DIIDHREANG	KFKSVDEL	200
NTDB id 263 KZH43 RS04195 WP 000387330.1	L.....GTASSISKE	KKVNLN	KASLEELK.QV	KGLGGKRAQ	DIIDHREANG	KFKSVDEL	200
NTDB id 222 SPD RS04535 WP 000387330.1	L.....GTASSISKE	KKVNLN	KASLEELK.QV	KGLGGKRAQ	DIIDHREANG	KFKSVDEL	200
NTDB id 188 SPR RS04295 WP 000387330.1	L.....GTASSISKE	KKVNLN	KASLEELK.QV	KGLGGKRAQ	DIIDHREANG	KFKSVDEL	200
NTDB id 613 LCA RS05340 WP 231952379.1	QAPQ	QIATTSERTQE	QASTGT	SANASSTSD	TAKIDL	NQADSTQLQ.T	219
NTDB id 595 KW2 RS08725 WP 021037687.1	S.....PTGSSVSN	QISTTSGPK	VNI	NKADLTELQ.K	L	TGIGKKAQDI	202
NTDB id 1014 ACIAD RS13855 WP 004924483.1	K.....PT.....	QSGTG	VNI	NSATAKELQ.Q	LHGVGEK	KALAVEYR	113
NTDB id 43007 BDGL 003489 YP 004997757.1	.....MTDSSG	QIHL	NQANIDELQ.K	LK	GIGEKKAQ	AVEYRQK	53
NTDB id 1069 ABD1 RS03060 WP 043960841.1	S.....KIS...QTK	NFNDSTG	QIHL	NQANVNEFQ.Q	LK	GIGEKKAQ	121
NTDB id 1041 HON27 RS14740 WP 005124713.1	S.....KIS...QTK	NFNDSTG	QIHL	NQANVNEFQ.Q	LK	GIGEKKAQ	121
consensus			***! !* ** * !*! **!*****! ** !***** *!*				

logo

NTDB id 1159 ABDM36 RS04765 WP 001166105.1
 NTDB id 1150 A1552VC RS08580 WP 001166105.1
 NTDB id 1294 VP RS04495 WP 021449594.1
 NTDB id 1395 DSB67 RS04445 WP 010649155.1
 NTDB id 1382 A4U84 RS07375 WP 062924234.1
 NTDB id 1362 HI 1008 AAC22669.1
 NTDB id 105 BSU 25590 NP 390437.1
 NTDB id 20 SA RS08005 WP 001802022.1
 NTDB id 36 MW RS08230 WP 001793467.1
 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
 NTDB id 1242 Cj0011c YP 002343483.1
 NTDB id 1272 LPP RS04360 WP 010946546.1
 NTDB id 1249 GC085 RS04230 WP 010946546.1
 NTDB id 300 STER RS07485 WP 011681496.1
 NTDB id 521 SMSK321 RS04960 WP 000443804.1
 NTDB id 493 SM12261 RS04300 WP 000387351.1
 NTDB id 153 SP RS04730 WP 000387344.1
 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 613 LCA RS05340 WP 231952379.1
 NTDB id 595 KW2 RS08725 WP 021037687.1
 NTDB id 1014 ACIAD RS13855 WP 004924483.1
 NTDB id 43007 BDGL 003489 YP 004997757.1
 NTDB id 1069 ABD1 RS03060 WP 043960841.1
 NTDB id 1041 HON27 RS14740 WP 005124713.1
 consensus



103
 103
 94
 95
 113
 112
 205
 228
 228
 131
 131
 131
 131
 79
 105
 105
 231
 216
 216
 216
 216
 216
 216
 235
 218
 128
 68
 136
 136

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