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NTDB id 1383 A4U84 RS08530 WP 005711781.1	MKKIRLIRPLAKAFTLIELMIVIAIILAATIAIPSYTSYTQKAALSELISASASYKSDVEICIIYNVGDKKI	72
NTDB id 1365 NTHI RS01955 WP 011271973.1	MKLTTQQTLLKKGFTLIELMIVIAIILAATIAIPSYQNYTKKAASVSELLQASAPYKADVELCVYSTNE..T	69
NTDB id 1354 HI 0299 AAC21963.1	MKLTTLQTLKKGFTLIELMIVIAIILAATIAIPSYQNYTKKAASVSELLQASAPYKADVELCVYSTNE..T	69
NTDB id 1088 NMV RS07470 WP 173277181.1	MEQKGFTLIEIMMIVVAIIGIISVIAIPSYQSYIEKGYQSQLYTEMVGINNISKQFILKNPLDDN	64
NTDB id 1140 NGFG RS02440 WP 025455870.1	MEQKGFTLIEIMMIVVAIIGIISVIAIPSYQSYIEKGYQSQLYTEMVGINNVLKQFILKNPQDDN	64
NTDB id 1415 SGL RS07945 WP 010872381.1	MASNFKFKLLSQLSKKRAEGGFTLIELLVVVIIGVLAALALPNLLGQVGKARESEAKSTIGALNRAQQGYFTEKGTFTAT	80
NTDB id 1033 TT RS11945 WP 011173287.1	MRNAKGFTLIELLIVIAIILAVALIPNLLAARKRANDTVVTAYLNDAVKFQEMYQIDNNSY..	63
NTDB id 1109 OK783 RS10670 WP 157147416.1	MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTTARAQVSEAILLAEGQKSAVTEYYLNHGIW..	64
NTDB id 1119 NGFG RS11465 WP 017147169.1	MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTTARAQVSEAILLAEGQKSAVTEYYLNHGW..	64
NTDB id 1007 ACIAD RS15000 WP 004923844.1	MRVRHGFTLIELMIVVAIIGILAAIAYPSYQNYKIRVNRSDVQSELIRVSQQLQSYKVMVNHGYAN	65
NTDB id 1197 PSJM300 03940 AFN76866.1	MKAQMKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINNEGKT...	64
NTDB id 1204 PSJM300 03935 AFN76865.1	MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISEGHT...	66
NTDB id 1188 NELON RS01755 WP 003772458.1	MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSSEALIAASSPKSALSEAFQTDGIT..	64
NTDB id 1258 GCO85 RS09745 WP 014844212.1	MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTTIRARVTEGLTLADSAKLAVSETAITNNA...	61
NTDB id 1274 LPP RS09530 WP 011214168.1	MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTTIRARVTEGLTLADSAKLAVSETAITNNA...	61
NTDB id 1292 VP RS12235 WP 005479693.1	MKHSHKQKKQKGFTLIELMIVVAIIGVLAALAAIPAYQNYVTVRSEVTSGLATVKALITPAELHYQENGI...	67
NTDB id 1184 GTF74 RS02335 WP 000649326.1	MKAYKNKQKGFTLIELMIVVAIVIGVLAALAAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGS...	67
NTDB id 1167 A1552VC RS11065 WP 000649326.1	MKAYKNKQKGFTLIELMIVVAIVIGVLAALAAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGS...	67
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	MKAYKNKQKGFTLIELMIVVAIVIGVLAALAAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGS...	67
NTDB id 1002 ACIAD RS15100 WP 004923779.1	MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGAL...	63
NTDB id 1309 DR RS02825 WP 034349477.1	MKNTTQGFTLIELLIVIAIIGILAAVLIPNLLGARAKANDSATQSYIRNCYTAVEVARGADG....	62
NTDB id 1424 RS RS02795 WP 011000517.1	MKSMRHLNKRQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAQKALVSENAANAQSD..	71
NTDB id 1079 FDQ49 RS11140 WP 022575996.1	MNAQKGFTLIELMIVVAIIGILAAIAIPAYQNYIAKQSQASEAFTLADGLKTTINTNLQAGTC...	62
NTDB id 1038 HON27 RS01510 WP 000993725.1	MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKQSVNSGFSEISSIKTGYENAVNEG.....	60
NTDB id 1191 AAC28468.1 484..945()	MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTTARAQATEGFKATAGLQTDL.....GAWR...	59
NTDB id 1400 DSB67 RS12660 WP 010643261.1	MKTNKQKKQKGFTLIELMIVVAIIGILAAIALPAYQDYTKKATMAEFPKIASSTKLAVELC.AHEHA...	66
NTDB id 258694 CXB48 RS21935 WP 095460664.1	MKLLKKKQKGFTLIELMIVVAIIGILAAIAIPQFNEYRAKANDSTAKADTKNMITVMSAAMI.....	62
NTDB id 1192 PAKAF RS23870 WP 024947914.1	MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSARGWS...	62
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logo

NTDB id 1383 A4U84 RS08530 WP 005711781.1	S.ECSSGKNGVRADKSDVPDAKYLKSI	SVAS.....S	102	
NTDB id 1365 NTHI RS01955 WP 011271973.1	T.NCTGGKNGIAADITT..AKGYVKS	VTTS.....N	97	
NTDB id 1354 HI 0299 AAC21963.1	T.SCTGGKNGIAADIKT..AKGYVAS	VITQ.....S	97	
NTDB id 1088 NMV RS07470 WP 173277181.1	QTIKSKL..ERFVSG.....Y.KMNPKIAEKYNVS	VHFV....NKEKPRAYSLVGVPKTG.....TG	114	
NTDB id 1140 NGFG RS02440 WP 025455870.1	DILKSKL..EIFVSG.....Y.KMNPKIAKKYSVS	VRFV....DAEKPRAYRLVGVPNAG.....TG	114	
NTDB id 1415 SGL RS07945 WP 010872381.1	DTET....LEVPA PD...GNFFSFAVNTAD...N.TEAI	QDATA LNWEA.....D.....	119	
NTDB id 1033 TT RS11945 WP 011173287.1	TSNQ.....AALISLGLK...STPAN	VTF.....SIVSASANSYCMI.....	97	
NTDB id 1109 OK783 RS10670 WP 157147416.1	PKDNT....SAGVASA.STIKGKYVQK	VEV.....AK	91	
NTDB id 1119 NGFG RS11465 WP 017147169.1	PENNT....SAGVASPPTDIKGKYVKE	VEV.....KN	92	
NTDB id 1007 ACIAD RS15000 WP 004923844.1	ASLAGLGNAASYPVT....G.....TAFYTLN	LA.....VSDNQGYVLTATPI.....	105	
NTDB id 1197 PSJM300 03940 AFN76866.1	PSLTSTD.....EGYIGITD.....	STSYCD..VDLDTAAD	93	
NTDB id 1204 PSJM300 03935 AFN76865.1	PSLVSSL.....PGFIGIGA.....	STNYCT..VTLIATAT	95	
NTDB id 1188 NELON RS01755 WP 003772458.1	...GMTAAAKAFNKT.AAAGGGAGGAAAAGTQHASKYVKS	VKVT.....EASP	108	
NTDB id 1258 GCO85 RS09745 WP 014844212.1	LPATQA.....ATGYVSPAATPNVQS	IA..IGAN	88	
NTDB id 1274 LPP RS09530 WP 011214168.1	LPATQA.....ATGYVSPAATPNVAS	IA..IGAN	88	
NTDB id 1292 VP RS12235 WP 005479693.1	AAA.....ATLAQLGVDVAANDLGA	IDSALAGGS	96	
NTDB id 1184 GTF74 RS02335 WP 000649326.1	FPATTA...GTAAGFTRLGTVED.MGDGK	IVI.....APTA.SGALG	104	
NTDB id 1167 A1552VC RS11065 WP 000649326.1	FPATTA...GTAAGFTRLGTVED.MGDGK	IVI.....APTA.SGALG	104	
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	FPATTA...GTAAGFTRLGTVED.MGDGK	IVI.....APTA.SGALG	104	
NTDB id 1002 ACIAD RS15100 WP 004923779.1	...V.AG.TPST..A....GSSCVGVQEISAS.....NATT	NVATATCGASSA	100	
NTDB id 1309 DR RS02825 WP 034349477.1	RLPAA.....GNCDSTANLGTN.AVATPGA	ITAAGAYSLDGTGSKFAVTATSVTNKTF	CFDGAKMGEGTG	126
NTDB id 1424 RS RS02795 WP 011000517.1	...LSVG.SSVFTPT.....KNVANLTIAGTGTVP	GQITVT.....Y.....TT....AAGG	110	
NTDB id 1079 FDQ49 RS11140 WP 022575996.1	...FAGG.ATAVTAAD.KVSGKYGDAE.....IGGTA	PN	91	
NTDB id 1038 HON27 RS01510 WP 000993725.1	AVPTKLSD...VGFTAATSSVCATYSIDAFT	E....TDGA	93	
NTDB id 1191 AAC28468.1 484..945()	...ADRG...SFPNAAALVAGNVIFDSANGLDGKYFAPGG	VTVT.....P....DT.....GA	102	
NTDB id 1400 DSB67 RS12660 WP 010643261.1	...ADA...GAFKTK.....CHQTANGIP.AAFTLNN	LTVT.....P....AAGA	100	
NTDB id 258694 CXB48 RS21935 WP 095460664.1	KKEVPLGVAADANKLGT	TALK.....P.....DP....ADGT	62	
NTDB id 1192 PAKAF RS23870 WP 024947914.1	...VKSG.TGTEDAT.....KKEVPLGVAADANKLGT	TALK.....P.....DP....ADGT	101	
consensus				

logo

NTDB id 1383 A4U84 RS08530 WP 005711781.1	GVITVAGKGN.....IDGYG.....YTMTPT.KFANNNITWAT.SCQGADISLFP.....AN	146
NTDB id 1365 NTHI RS01955 WP 011271973.1	GAIITVKGDDGT.....LANME.....YILQATGNAATGVTWTT.TCKGTDASLFP.....AN	142
NTDB id 1354 HI 0299 AAC21963.1	GGITVKGNGT.....LANME.....YILQAKGNAAAGVTWTT.TCKGTDASLFP.....AN	142
NTDB id 1088 NMV RS07470 WP 173277181.1	YT.....LSVWM.NSVGDG.Y...KCRDAASARAH.....LETLSSDV	147
NTDB id 1140 NGFG RS02440 WP 025455870.1	YT.....LSVWM.NSVGDG.Y...KCRDATSAQVY.....LETLSANT	147
NTDB id 1415 SGL RS07945 WP 010872381.1	..GTRSMSSGGT.....FYDSGTRAFSTVVCRAEAGSEDT.PPTPG.....GAN	159
NTDB id 1033 TT RS11945 WP 011173287.1	AGHSGGTWV...FAATPDKGVYKTNT.....AVTSSQPE	128
NTDB id 1109 OK783 RS10670 WP 157147416.1	GVVTAQMASTGVNK...EIQDKK.....LSLWAKRQDGSVKW...FCGQPVTTRTGDNDT..VADANNAIDTKHLP	155
NTDB id 1119 NGFG RS11465 WP 017147169.1	GVVTAQMASTGVNK...EIKGKK.....LSLWGRRENGSVKW...FCGQPVTTRADDDTVA..DAKDGKEIDTKHLP	156
NTDB id 1007 ACIAD RS15000 WP 004923844.1	...SSTMQAGN.....GIICLNQDQKFW...SKAATACSLSSNST.....	140
NTDB id 1197 PSJM300 03940 AFN76866.1	GHIECTAKGG...NAGKFDGKTIT.....LNRTADGEW...SCASTLDAK.....YKPG	136
NTDB id 1204 PSJM300 03935 AFN76865.1	GSITCTITQNG...MPDRFNGKTIT.....IARTTDGLW...DCTSDLDSR.....YKPG	138
NTDB id 1188 NELON RS01755 WP 003772458.1	WDITVAISATEANGIPTGLDGNITIRLFPLVNKAVPAATSTGAIDW...ACASAaketADKRFGTGSGVAVGTLPAKYAPS	185
NTDB id 1258 GCO85 RS09745 WP 014844212.1	GVITITYTAAA..GG..G.....TI....IMTPTLQANGDVTW...TCTGGTLL.....AKYRPA	132
NTDB id 1274 LPP RS09530 WP 011214168.1	GVITITYTAAA..GG..G.....TI....VMTPTLQANGDVTW...TCTGGTLL.....AKYRPA	132
NTDB id 1292 VP RS12235 WP 005479693.1	PTLTFTFDADSSIDG..G.....ILT.FTRDAATGW...SCLPTAPAI.....AVD	136
NTDB id 1184 GTF74 RS02335 WP 000649326.1	GTIKYTFDAGVVS.....SSKIQLARDANGLW...TCSTTVTSE....I.....APK	144
NTDB id 1167 A1552VC RS11065 WP 000649326.1	GTIKYTFDAGVVS.....SSKIQLARDANGLW...TCSTTVTSE....I.....APK	144
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	GTIKYTFDAGVVS.....SSKIQLARDANGLW...TCSTTVTSE....I.....APK	144
NTDB id 1002 ACIAD RS15100 WP 004923779.1	GQIIVTMDTTKA..K..G.....A.....NITLTPTYASGAVTW...KCTTTSDKK.....YVPS	143
NTDB id 1309 DR RS02825 WP 034349477.1	ATGACTFSTSTGTGT..G.....TGTG.....TGTGT.....GTGTGSN.....	158
NTDB id 1424 RS RS02795 WP 011000517.1	GTIALVPTAA.....G.....TALPVSSAPSGPIMW...TCYAQNKAQAASSVAPSG...TMSLAAKYAPA	165
NTDB id 1079 FDQ49 RS11140 WP 022575996.1	CTITYTFKSS.....G.....VSNKLTSTKIVM.NVSETGIL...TKNSGTDTPV...EL.....LPQ	137
NTDB id 1038 HON27 RS01510 WP 000993725.1	CKITCTLKG.....N.....P..KIATKIVEL.TRSTDGAW...TCVSDVPTE....F.....LPK	134
NTDB id 1191 AAC28468.1 484..945()	IN..IAFDAGA..NA..G.....KMTTITPTV..IAASGQISTW...TCAPGAANGIETRR.....LPT	150
NTDB id 1400 DSB67 RS12660 WP 010643261.1	ASGAISITVNAANDK..G.....PIKQNEKYILTATYASNGVTW...SSECKDATN...AV.....QTS	151
NTDB id 258694 CXB48 RS21935 WP 095460664.1		62
NTDB id 1192 PAKAF RS23870 WP 024947914.1	ADITLTFTMG...GA..G.....PKNK..GKIITLRTAADGLW...KCTSDQDEQ....F.....IPK	146
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NTDB id 1383 A4U84 RS08530 WP 005711781.1	FCGQKATP.....	154
NTDB id 1365 NTHI RS01955 WP 011271973.1	FCGSVTQ.....	149
NTDB id 1354 HI 0299 AAC21963.1	FCGSVTK.....	149
NTDB id 1088 NMV RS07470 WP 173277181.1	GCEAFSNRKK.....	157
NTDB id 1140 NGFG RS02440 WP 025455870.1	GCEAFSNRKK.....	157
NTDB id 1415 SGL RS07945 WP 010872381.1	DCGGAEVIK.....	168
NTDB id 1033 TT RS11945 WP 011173287.1	SCP.....	131
NTDB id 1109 OK783 RS10670 WP 157147416.1	TCRDESSAT.....	164
NTDB id 1119 NGFG RS11465 WP 017147169.1	TCRDKASDAK.....	166
NTDB id 1007 ACIAD RS15000 WP 004923844.1	WDGR.....	144
NTDB id 1197 PSJM300 03940 AFN76866.1	KCS.....	139
NTDB id 1204 PSJM300 03935 AFN76865.1	KCL.....	141
NTDB id 1188 NELON RS01755 WP 003772458.1	ECK.....	188
NTDB id 1258 GCO85 RS09745 WP 014844212.1	SCR.....	136
NTDB id 1274 LPP RS09530 WP 011214168.1	SCR.....	136
NTDB id 1292 VP RS12235 WP 005479693.1	GCS.....	139
NTDB id 1184 GTF74 RS02335 WP 000649326.1	GCTAGATIN.....	153
NTDB id 1167 A1552VC RS11065 WP 000649326.1	GCTAGATIN.....	153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	GCTAGATIN.....	153
NTDB id 1002 ACIAD RS15100 WP 004923779.1	ECRG.....	147
NTDB id 1309 DR RS02825 WP 034349477.1		158
NTDB id 1424 RS RS02795 WP 011000517.1	ECR.....	168
NTDB id 1079 FDQ49 RS11140 WP 022575996.1	SFVAS.....	142
NTDB id 1038 HON27 RS01510 WP 000993725.1	GCTAGTPTEGAITSL	149
NTDB id 1191 AAC28468.1 484..945()	SCQ*.....	153
NTDB id 1400 DSB67 RS12660 WP 010643261.1	YCP.....	154
NTDB id 258694 CXB48 RS21935 WP 095460664.1		62
NTDB id 1192 PAKAF RS23870 WP 024947914.1	GCSK.....	150
consensus	*	

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 similar
 ≥ 50% conserved