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NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIAILII..ISASISLAYSKDNSIISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIAILIL..ISASLSMAYSKDNSIISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1186 GTF74 RS01320 WP 000788426.1		0
NTDB id 1175 A1552VC RS12105 WP 000788426.1		0
NTDB id 186368 BAU10 RS13605 WP 005382765.1		0
NTDB id 1408 DSB67 RS13980 WP 010643500.1		0
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MNSGLSRLGIALLAA.MFAPALLAADLEKLDVAALPGDRVELKLQFDEPVA.APRGYTIEQPARIALDLPGVQNKLG..T	76
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQIIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLA..K	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGGLK..Q	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGGLK..Q	77
consensus	* * * * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	KTKTIIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSK.....EVFI.....TNQV	145
NTDB id 1284 ACE17W RS12370 WP 010946666.1	KTKTIIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSK.....EVFI.....TNQV	145
NTDB id 1186 GTF74 RS01320 WP 000788426.1	MKNGLKTY..VAQTWLTLWVGL...ALCASS.....MVF.....SAE	32
NTDB id 1175 A1552VC RS12105 WP 000788426.1	MKNGLKTY..VAQTWLTLWVGL...ALCASS.....MVF.....SAE	32
NTDB id 186368 BAU10 RS13605 WP 005382765.1	MKMRQGLTRTPRILTGLFSLWLFLV...FLA.....PLA.....AAE	33
NTDB id 1408 DSB67 RS13980 WP 010643500.1	MKMRHGLTLTPRKLTLGLFSLWFLS...LLA.....PFV.....AAE	33
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNRELISVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNNLFVVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVVNLKDGAFITTRVEGNVFILKINNIQSTAT.....PVAT..SA.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDGAFITTRVEGNTFILKINSAQTSNK.....PLPV..VS.....	138
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDGAFITTRVEGNTFILKINSAQTSNK.....PLPV..VS.....	138
consensus	* * * * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1284 ACE17W RS12370 WP 010946666.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1186 GTF74 RS01320 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 1175 A1552VC RS12105 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 186368 BAU10 RS13605 WP 005382765.1	EVSSNALKSIDFRTNKDKDAVIVVELASPA AIVDIKRVQEGLSIDLLNTSVKDEQLYLLDVKDFSTVVESVEVFRDTSTT	113
NTDB id 1408 DSB67 RS13980 WP 010643500.1	EVQSNLSKSIDFRTNKDKDAVIVVELVSPAAIVDIKRVQEGLSIDLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTT	113
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSDPITLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQAQSDRT	236
NTDB id 1009 ACIAD RS15175 WP 004923730.1	PAPQGGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQQGSKVVRFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG	218
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
consensus	* * * * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	LIEARIVEVT	KDFSQDIGIRWGVSRP	THL.....SGTLEGA.....NELARGTAP	ANVV.....PLERRLN	LDLAA	495								
NTDB id 1284 ACE17W RS12370 WP 010946666.1	LIEARIVEVT	KDFSQDIGIRWGVSRP	THL.....SGTLEGA.....NELARGTAP	ANVV.....PLERRLN	LDLAA	495								
NTDB id 1186 GTF74 RS01320 WP 000788426.1	QIEARIVTV	KEGNLEELGVRWGV	MS	TNGSHS...VGG	SIESNLWQKGLLAD.....DEF.....PVDEFLNVN	LAS 384								
NTDB id 1175 A1552VC RS12105 WP 000788426.1	QIEARIVTV	KEGNLEELGVRWGV	MS	TNGSHS...VGG	SIESNLWQKGLLAD.....DEF.....PVDEFLNVN	LAS 384								
NTDB id 186368 BAU10 RS13605 WP 005382765.1	QIEARIVT	INEGNMDELGT	IRWGFTS	SING	SNT...VGG	SIENN	LATIGLYNGEGGDDGGDGDGV.....GIDDFLNVN	LAA 394						
NTDB id 1408 DSB67 RS13980 WP 010643500.1	QIEARIVT	INEGNMDELGT	IRWGFTS	SING	SHT...VGG	SIENN	LATIGLYDGGGEGD.DGGSSV.....GIDDFLNVN	LAA 393						
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MIEARIVEAN	VGYDKSLGVRWGG	GAYHKG	NW	SG...YGK	DGN.IGIK	DEDEGMNCGPIAGSCTFPTTGT	SKSPSPFVDLGA 525						
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MIEARIVRA	TTSFSKEMGVK	WGIL	SSQGINQNS	NL	LVGG	SETTLWNLRNP	...SN.....GT	YTI...ERP	DNLNV	DLG 517			
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MVEARIVRA	STSF	TKELGVK	WGIL	SSQGIT	NNNNL	LVGG	SETTLWNLR	REP	K...KDETTG	GKY	YTI...ERP	DNLNV	DLG 530
NTDB id 1039 HON27 RS01460 WP 031993779.1	MVEARIVRA	STSF	TKELGVK	WGIL	SSQGIT	NNNNL	LVGG	SETTLWNLR	REP	K...KDETTG	GKY	YTI...ERP	DNLNV	DLG 530
consensus	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

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NTDB id 1257 GC085 RS04855 WP 163621000.1	VPLTGATPA	SVGIALAKLND	NIL	LDLELSA	LESEGRAELISSPRLIT	TNQQA	AVIESGEEIPYQEA	TSSGA...	TAVAFK	572
NTDB id 1284 ACE17W RS12370 WP 010946666.1	APLTGATPA	SVGIALAKLND	NIL	LDLELSA	LESEGRAELISSPRLIT	TNQQA	AVIESGEEIPYQEA	TSSGA...	TAVAFK	572
NTDB id 1186 GTF74 RS01320 WP 000788426.1	...TSANASSIA	FQVAKLGSGT	LLDLELSA	LQNESKAEI	ISSPRLIT	TNKQPAYIEQ	GTEIPYLESSSSGA...	STVAFK	458	
NTDB id 1175 A1552VC RS12105 WP 000788426.1	...TSANASSIA	FQVAKLGSGT	LLDLELSA	LQNESKAEI	ISSPRLIT	TNKQPAYIEQ	GTEIPYLESSSSGA...	STVAFK	458	
NTDB id 186368 BAU10 RS13605 WP 005382765.1	...TSPNATSIA	FQVAKLGSDT	LLDLELSA	LQNESKAEI	ISSPRLIT	TNKQPAYIEQ	GTEIPYLESSSSGA...	TTVTFK	468	
NTDB id 1408 DSB67 RS13980 WP 010643500.1	...TSPNATSIA	FQVAKLGSDT	LLDLELSA	LQNESKAEI	ISSPRLIT	TNKQPAYIEQ	GTEIPYLESSSSGA...	TSVTFK	467	
NTDB id 1193 PAKAF RS26665 WP 003161249.1	...KDA.TSG	GIGFI.T.DN	ILDLQ	LSAMEKTG	NGEIVSQPKVVT	SDKETAKIL	KGSEVPYQEA	SSGA...	TS	TSFK 596
NTDB id 1009 ACIAD RS15175 WP 004923730.1	...TTTGASSIA	FGLISL.SDF	MLDLELSA	LQADGYGEVIST	PKVMTADKQ	TAKVATGQ	QVPYQSTTNSA	AAGSTATT	SFK 593	
NTDB id 1052 ABD1 RS15850 WP 001017033.1	...SNP.AG	SIAFGLISM.SDF	MLDLELSA	LQADGYGEVIST	PKVMTADKQ	TAKVATGQ	QVPYQSTTNSA	AAGSTATT	SFK 605	
NTDB id 1039 HON27 RS01460 WP 031993779.1	...SNP.AG	SIAFGLISM.SDF	MLDLELSA	LQADGYGEVIST	PKVMTADKQ	TAKVATGQ	QVPYQSTTNSA	AAGSTATT	SFK 605	
consensus	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

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NTDB id 1257 GC085 RS04855 WP 163621000.1	KAVLSLK	VTPQITPDG	KILMDLQ	INQDTPSPQT	.FLGVP...AIITKEI	QTNVLV	NNGQTIVLGGIY	KQDKNKV	INRIPF	648
NTDB id 1284 ACE17W RS12370 WP 010946666.1	KAVLSLK	VTPQITPDG	KILMDLQ	INQDTPSPQT	.FLGVP...AIITKEI	QTNVLV	NNGQTIVLGGIY	KQDKNKV	INRIPF	648
NTDB id 1186 GTF74 RS01320 WP 000788426.1	KAVLSLK	VTPQITPDN	NRLVLDLS	VTQDRRGETV	.KTGTGEAVS	IDTQRIGTQ	VLVNNGETVVLGGIFQHS	INNSVD	DKVPL 537	
NTDB id 1175 A1552VC RS12105 WP 000788426.1	KAVLSLK	VTPQITPDN	NRLVLDLS	VTQDRRGETV	.KTGTGEAVS	IDTQRIGTQ	VLVNNGETVVLGGIFQHS	INNSVD	DKVPL 537	
NTDB id 186368 BAU10 RS13605 WP 005382765.1	KAVLSLK	VTPQITPDN	NRLVLDLS	VTQDRPGQV	.KTGTGEAVA	IDTQRIGTQ	VLVNNGETVVLGGIFQHS	ITNSVD	DKVPL 547	
NTDB id 1408 DSB67 RS13980 WP 010643500.1	KAVLSLK	VTPQITPDN	NRLVLDLS	VTQDRPGQV	.KTGTGEAVA	IDTQRIGTQ	VLVNNGETVVLGGIFQHS	ITNSVD	DKVPL 546	
NTDB id 1193 PAKAF RS26665 WP 003161249.1	EAA	LSLEVTPQITPDN	RIIEVKVT	KDAPDYQN	MLNGVP...PINKNEV	NAKILV	NDGETIVIGGVFS	NEQSKS	VEKVPF 673	
NTDB id 1009 ACIAD RS15175 WP 004923730.1	EAL	LSLEVTPN	ITPDGKIL	MELN	IANDSINS.YAQN	GEA...ILNKNT	INTNVLVN	NGGETVVLGGVFEQ	TTNNAVTKVPF 669	
NTDB id 1052 ABD1 RS15850 WP 001017033.1	DALL	LSLVNTPS	ITPDGKIQ	MKLD	ISKDSVAG.AAPN					

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X non conserved
X similar
X ≥ 50% conserved