

logo

NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIAILII..ISASISLAYSKDNSIISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIAILIL..ISASLSMAYSKDNSIISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1408 DSB67 RS13980 WP 010643500.1		0
NTDB id 91684 OCV19 RS01275 WP 065676546.1		0
NTDB id 1186 GTF74 RS01320 WP 000788426.1		0
NTDB id 1175 A1552VC RS12105 WP 000788426.1		0
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MNSGLSRLGIALLAA.MFAPALLAADLEKLDVAALPGDRVELKLQFDEPVA.APRGYTIEQPARIALDLPGVQNKLG..	76
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQIIRQFSIGTVAYAIMQVSAQVAITNVVPMNIPGQGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLAK..	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAMQAAQAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGGLKQ..	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAMQAAQAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGGLKQ..	77
consensus	* * * * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	KTKTIIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTA...GSVYSLVLNCKSNDLF.....ENSKEVFIITNQV	145
NTDB id 1284 ACE17W RS12370 WP 010946666.1	KTKTIIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTA...GSIYSLVLNCKSNDLF.....ENSKEVFIITNQV	145
NTDB id 1408 DSB67 RS13980 WP 010643500.1	MKMRHGLTLTPRKLTGLFSLWFSLLIAP.....FVAAE	33
NTDB id 91684 OCV19 RS01275 WP 065676546.1	MIKGISGL..VSKALQGFAVSVM..VVS..VLSHA	30
NTDB id 1186 GTF74 RS01320 WP 000788426.1	MKNGLKTY..VAQTWLTWLWGLALCA.....SSM..VFSAE	32
NTDB id 1175 A1552VC RS12105 WP 000788426.1	MKNGLKTY..VAQTWLTWLWGLALCA.....SSM..VFSAE	32
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNRELISVGNTRSVTVVEAKDRTRLIINLTTLSSYTTTRVEGNLNFVVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVVNLKDAAGFTTRVEGNVFILKINNIIQSTAT.....PVT..SA.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDAAGFTTRVEGNVFILKINSAQTSNK.....PLPV..VS.....	138
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDTGAFTTRVEGNVFILKINSAQTSNK.....PLPV..VS.....	138
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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 1408 DSB67 RS13980 WP 010643500.1	EVQSNLSKSIDFRTNKDKDAVIVVELVSPAIIVDIKRVQEGLSIDLNTSVKDDQLYLVDVKDFSTVVESEVEFRDTST	113
NTDB id 91684 OCV19 RS01275 WP 065676546.1	ESLPNKNLENIDFRVNKDKDAVITIELATSTAVVDVQRAQEGLSIELINTQVDDDKLYLLDVKDFATLVEGIEVYKETPST	110
NTDB id 1186 GTF74 RS01320 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKQVQEGLSIELLKTVDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 1175 A1552VC RS12105 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKQVQEGLSIELLKTVDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSPTLSPDIQEGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRT	236
NTDB id 1009 ACIAD RS15175 WP 004923730.1	PAPQGGIGNIGFQRGAQGEGLVVIDLQGTINTPVDVQQQGSKVVRFPGIKIPHTLARRLNTTDFATPVAIDSYNDGSGNG	218
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
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R	L	L	A	T	I	S	N	D	Y	Q	Y	E	.	N	L	K	G	R	F	I	E	V	V	I	S	K	P	V	I	D	E	A	A	K	.	E	K	S	V	L	E	K	E	G	K	L	I	S	I	N	F	Q	D	I	P	V	R	N	V	L	Q	L	I	A	D	Y	N	D	F	N	L	V	S	D	S	V	A	188																					
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Q	L	V	T	V	D	G	E	F	Q	H	D	Y	.	T	L	K	G	K	Y	L	E	V	V	I	S	K	L	A	D	E	K	P	K	.	P	K	S	V	L	E	K	E	G	K	L	I	S	I	N	F	Q	D	I	P	V	R	N	V	L	Q	L	I	A	D	Y	N	G	F	N	L	V	S	D	S	V	A	190																						
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NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
consensus

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NTDB id 1257 GC085 RS04855 WP 163621000.1	FFGELPVVGILFSNRQITLKNEELLIFITPRIITNALISITTIEGREKDVK	698
NTDB id 1284 ACE17W RS12370 WP 010946666.1	FFGELPVVGILFSNRQITLKNEELLIFITPRIITNALISITTIEGREKDVK	698
NTDB id 1408 DSB67 RS13980 WP 010643500.1	LLGDLPLLGALFRRSYENVGKSELLIFVTPKVVIQ.....	580
NTDB id 91684 OCV19 RS01275 WP 065676546.1	LLGDLPVLGALFRRSYENVGKSELLIFVTPKVVIQ.....	572
NTDB id 1186 GTF74 RS01320 WP 000788426.1	LLGDLPVLGALFRRTYEQMGKSELLIFVTPKVVIQ.....	571
NTDB id 1175 A1552VC RS12105 WP 000788426.1	LLGDLPVLGALFRRTYEQMGKSELLIFVTPKVVIQ.....	571
NTDB id 1193 PAKAF RS26665 WP 003161249.1	FLGELPYLGRLFRRDVTDRKNELLVFLTPRIMNNQAIAIGR.....	714
NTDB id 1009 ACIAD RS15175 WP 004923730.1	FLGDLPYVGRLFKKTAKEAKNELLIFVTPRIVNDTIVGNH.....	709
NTDB id 1052 ABD1 RS15850 WP 001017033.1	FFGDIPIVVGRFLFRKDVKSDDKQELLIFVTPRIVNDTLARNH.....	721
NTDB id 1039 HON27 RS01460 WP 031993779.1	FFGDIPIVVGRFLFRKDVKSDDKQELLIFVTPRIVNDTLARNH.....	721
consensus	**!***!***! !!**** *~~~* !!!*~*~*~*~*~*~*~*~*~*	

- ⓧ

 non conserved
- ⓧ

 similar
- ⓧ

 ≥ 50% conserved