

logo

NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIAIIIL..ISASISLMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIAIIIL..ISASISLMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 161738 ASZ81 RS13450 WP 000788426.1		0
NTDB id 1186 GTF74 RS01320 WP 000788426.1		0
NTDB id 1175 A1552VC RS12105 WP 000788426.1		0
NTDB id 1408 DSB67 RS13980 WP 010643500.1		0
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MNSGLSRLGIALLAA.MFAPALLAADLEKLDVAALPGDRVELKQLQFDEPVA.APRGYTIEQPARTIALDLPGVQNKLG..T	76
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGGTEIRVMFNGLPP.QPQAYQLEQPARLLIDFDKAGQKLA..K	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLLIDFDKAQQGLK..Q	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLLIDFDKAQQGLK..Q	77
consensus	* * * * *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1	STIITYTNEASVDVSDDDRRRLIYNKNGLSYTRVAGNLTWNLVYNLCSSSKKEKALGSTRHYNITLXKRSKUTHEMPRAVAFSSSTEQSYIKLGNASNDNEANAKEPVKASPLPYXSYXVTFITNQV	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDLFENSKE.....VFITNQV	145
NTDB id 161738 ASZ81 RS13450 WP 000788426.1	KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSKE.....VFITNQV	32
NTDB id 1186 GTF74 RS01320 WP 000788426.1	MKNGLKT..YVAQTLWTLWVG....LALCASS.....MVFSA.E	32
NTDB id 1175 A1552VC RS12105 WP 000788426.1	MKNGLKT..YVAQTLWTLWVG....LALCASS.....MVFSA.E	32
NTDB id 1408 DSB67 RS13980 WP 010643500.1	MKNGLKT..YVAQTLWTLWVG....LALCASS.....MVFSA.E	32
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MKMRHGLTLTPRKLTGLFSLWFS....LLLAP.....FVAA.E	33
NTDB id 1009 ACIAD RS15175 WP 004923730.1	KNRELISVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNLNFVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1039 HON27 RS01460 WP 031993779.1	SLIPVTTNEASSIDVSSDDKRARVVVNLKDAAGFTTRVEGNVFILKINNIQSTAT.....PVAT..SA.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDTGAFTTRVEGNTFILKINSAQTSNK.....PLPV..VS.....	138
consensus	* * * * *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 161738 ASZ81 RS13450 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 1186 GTF74 RS01320 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 1175 A1552VC RS12105 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 1408 DSB67 RS13980 WP 010643500.1	EVQSNLSKSIDFRTNKKDKDAVIVVELVSPAAIVDIKRVQEGLSIDLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTT	113
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGENVVIDLSDPTLSPDIQEQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRT	236
NTDB id 1009 ACIAD RS15175 WP 004923730.1	PAPQQGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQQGSKVVIRDFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG	218
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
consensus	* * * * *	

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consensus

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NTDB	id	1284	ACE17W	RS12370	WP	010946666.1	L	I	E	A	R	I	V	E	V	T	K	D	F	S	Q	D	I	G	I	R	W	G	V	S	R	P	T	H	L	.	.	.	.	.	S	G	T	L	E	G	A	.	.	.	.	.	N	E	L	A	R	G	.	T	A	P	A	N	V	V	P	L	.	.	.	.	.	E	R	R	L	N	L	D	L	A	A	495						
NTDB	id	1257	GCO85	RS04855	WP	163621000.1	L	I	E	A	R	I	V	E	V	T	K	D	F	S	Q	D	I	G	I	R	W	G	V	S	R	P	T	H	L	.	.	.	.	.	S	G	T	L	E	G	A	.	.	.	.	.	N	E	L	A	R	G	.	T	A	P	A	N	V	V	P	L	.	.	.	.	.	E	R	R	L	N	L	D	L	A	A	495						
NTDB	id	161738	ASZ81	RS13450	WP	000788426.1	Q	I	E	A	R	I	V	T	V	K	E	G	N	L	E	E	L	G	V	R	W	G	V	M	S	T	N	G	S	H	S	.	.	.	.	.	V	G	G	S	I	E	S	N	L	W	Q	K	G	L	L	A	D	.	.	.	.	.	D	E	F	P	V	.	.	.	.	.	D	E	F	L	N	V	N	L	A	S	384					
NTDB	id	1186	GTF74	RS01320	WP	000788426.1	Q	I	E	A	R	I	V	T	V	K	E	G	N	L	E	E	L	G	V	R	W	G	V	M	S	T	N	G	S	H	S	.	.	.	.	.	V	G	G	S	I	E	S	N	L	W	Q	K	G	L	L	A	D	.	.	.	.	.	D	E	F	P	V	.	.	.	.	.	D	E	F	L	N	V	N	L	A	S	384					
NTDB	id	1175	A1552VC	RS12105	WP	000788426.1	Q	I	E	A	R	I	V	T	V	K	E	G	N	L	E	E	L	G	V	R	W	G	V	M	S	T	N	G	S	H	S	.	.	.	.	.	V	G	G	S	I	E	S	N	L	W	Q	K	G	L	L	A	D	.	.	.	.	.	D	E	F	P	V	.	.	.	.	.	D	E	F	L	N	V	N	L	A	S	384					
NTDB	id	1408	DSB67	RS13980	WP	010643500.1	Q	I	E	A	R	I	V	T	I	N	E	G	N	M	D	E	L	G	V	R	W	G	F	T	S	I	N	G	S	H	T	.	.	.	.	.	V	G	G	S	I	E	N	N	L	A	T	I	G	L	Y	D	G	G	G	E	G	.	D	D	G	.	G	S	S	V	G	I	.	.	.	.	.	D	D	F	L	N	V	N	L	A	A	393
NTDB	id	1193	PAKAF	RS26665	WP	003161249.1	M	I	E	A	R	I	V	E	A	N	V	G	Y	D	K	S	L	G	V	R	W	G	G	A	Y	H	K	G	N	W	S	G	.	.	.	.	.	Y	G	K	D	G	N	.	I	G	I	K	D	E	D	G	M	N	C	G	P	I	A	G	S	C	T	F	P	T	T	G	T	S	K	S	P	S	P	F	V	D	L	G	A	525		
NTDB	id	1009	ACIAD	RS15175	WP	004923730.1	M	I	E	A	R	I	V	R	A	T	T	S	F	S	K	E	M	G	V	K	W	G	I	L	S	Q	G	I	N	Q	N	S	N	L	.	.	.	.	.	V	G	G	S	E	T	T	L	W	N	L	R	N	P	D	.	.	S	N	.	.	.	.	.	G	T	Y	T	I	.	.	E	R	P	D	N	L	N	V	D	L	G	V	517	
NTDB	id	1039	HON27	RS01460	WP	031993779.1	M	V	E	A	R	I	V	R	A	S	T	S	F	T	K	E	L	G	V	K	W	G	I	L	S	Q	G	I	T	N	N	N	N	L	.	.	.	.	.	V	G	G	S	E	T	T	L	W	N	L	R	E	P	K	.	.	K	D	E	T	T	G	.</																					

NTDB	id	1284	ACE17W	RS12370	WP	010946666.1	APLTGATPASPVGIALAKLNDNI	LLDLELSAL	ES	EGR	AELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	TAVAFK	572				
NTDB	id	1257	GCO85	RS04855	WP	163621000.1	VPLTGATPASPVGIALAKLNDNI	LLDLELSAL	ES	EGR	AELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	TAVAFK	572				
NTDB	id	161738	ASZ81	RS13450	WP	000788426.1	T...SANASSIAFQVAKLGSGT	LLDLELSALQN	NESKA	EIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...	STVAFK	458						
NTDB	id	1186	GTF74	RS01320	WP	000788426.1	T...SANASSIAFQVAKLGSGT	LLDLELSALQN	NESKA	EIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...	STVAFK	458						
NTDB	id	1175	A1552VC	RS12105	WP	000788426.1	T...SANASSIAFQVAKLGSGT	LLDLELSALQN	NESKA	EIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...	STVAFK	458						
NTDB	id	1408	DSB67	RS13980	WP	010643500.1	T...SPMATSI AFQVAKLGSDT	LLDLELSALQQ	ESKA	EIISSPRLITTNKKPAYIEQGTEIPYLESSSSGA...	TSVTFK	467						
NTDB	id	1193	PAKAF	RS26665	WP	003161249.1	K...DA.TSGIGIGFI.T.DNI	ILDLQLSAMEKTGN	GEIVSQPKVVTSDKETAKILKGSEVPYQEASSSGA...	TSTSFK	596							
NTDB	id	1009	ACIAD	RS15175	WP	004923730.1	T...TTGASSIAFGLISL.SDFM	LDELSALQADGYGEVISTPKVMSADKQKAKVATGV	EVYPYSTTNSAAGSTATTSFK	593								
NTDB	id	1039	HON27	RS01460	WP	031993779.1	S...NP.AGSIAFGLISM.SDFM	LDELSALQADGYGEVISTPKVMTADKQTAKVATGQ	QVPYQSTTNSAAGSTATTSFK	605								
NTDB	id	1052	ABD1	RS15850	WP	001017033.1	S...NP.AGSIAFGLISM.SDFM	LDELSALQADGYGEVISTPKVMTADKQTAKVATGQ	QVPYQSTTNSAAGSTATTSFK	605								
consensus							* * *	* ** *	*	*	* *	** **	* *	** **	* *	** **	* *	** **

[illegible]

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non conserved
 similar
 ≥ 50% conserved