

logo

NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIAILII..ISASISMAYSKDNSLISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIAILIL..ISASISLAYSKDNSLISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 412268 GTF72 RS01320 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.QPQAYQLEQPARLLIDFDKAGQKILA..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	KTCTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDLFENSKE.....VFITNQV	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTCTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSKE.....VFITNQV	145
NTDB id 412268 GTF72 RS01320 WP 000788426.1	MKNGLKT..YVAQTLWTLWVG....LALCASS.....MVFSA.E	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	MKMRHGLTLTPRKLTGLFSLWFS....LLLAP.....FVAA.E	33
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNRELISVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNLNFVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVVNLKDAAGFTTRVEGNVFILKINNIQSTAT.....PVAT..SA.....	138
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDTGAFTTRVEGNTFILKINSAQTSNK.....PLPV..VS.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDAAGFTTRVEGNTFILKINSAQTSNK.....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 412268 GTF72 RS01320 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTVDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 1186 GTF74 RS01320 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTVDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 1175 A1552VC RS12105 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTVDVADDKLYLLDVKDFSTPVESVEVFRKEPST	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	PAPQGGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQQGSKVIRLDFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG	218
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
consensus	* * * * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1
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consensus

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NTDB id 1284	ACE17W	RS12370	WP 010946666.1	LIEARIVEVTKD	FSQDIGIRWGVSRP	THL.....SGTLEGA.....NELARG.TAPANVVPL.....ERRRLNLDLAA	495
NTDB id 1257	GCO85	RS04855	WP 163621000.1	LIEARIVEVTKD	FSQDIGIRWGVSRP	THL.....SGTLEGA.....NELARG.TAPANVVPL.....ERRRLNLDLAA	495
NTDB id 412268	GTF72	RS01320	WP 000788426.1	QIEARIVTVKEGN	LEELGVRWGV	MSTNGSHS...VGGSIESNLWQKGLLAD.....DEFPV.....DEFLNVNLAS	384
NTDB id 1186	GTF74	RS01320	WP 000788426.1	QIEARIVTVKEGN	LEELGVRWGV	MSTNGSHS...VGGSIESNLWQKGLLAD.....DEFPV.....DEFLNVNLAS	384
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	QIEARIVTVKEGN	LEELGVRWGV	MSTNGSHS...VGGSIESNLWQKGLLAD.....DEFPV.....DEFLNVNLAS	384
NTDB id 1408	DSB67	RS13980	WP 010643500.1	QIEARIVTINEGN	MDELGVRWGFTS	SINGSH...VGGSIENNLLATIGLYDGGGEG.DDGGSSVGI.....DDFLNVNLA	393
NTDB id 1193	PAKAF	RS26665	WP 003161249.1	MIEARIVEANVG	YDKSLGVRWGG	AYHKGWNSG...YGKDGN.IGIKDEDEGMNCGPIAGSCTFPTTGT	525
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	MIEARIVRATTS	FSKEMGVK	WILSQGINQNSNLLVGGSETTLWNLRNPD...SN.....GT	517
NTDB id 1039	HON27	RS01460	WP 031993779.1	MVEARIVRAST	SFTKELGVK	WILSQGITNNNNLLVGGSETTLWNLRNPK...KDETTG	530
NTDB id 1052	ABD1	RS15850	WP 001017033.1	MVEARIVRAST	SFTKELGVK	WILSQGITNNNNLLVGGSETTLWNLRNPK...KDETTG	530
consensus				*****	***	*****	

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NTDB id 1284	ACE17W	RS12370	WP 010946666.1	APLTG	ATP	ASVGI	ALAKLNDNI	LLDLELSAL	E	SEGRAEL	ISSPRLITTNQQA	AV	IESG	EEIPYQEATSSGA...	T	AVAFK	572				
NTDB id 1257	GCO85	RS04855	WP 163621000.1	VPLTG	ATP	ASVGI	ALAKLNDNI	LLDLELSAL	E	SEGRAEL	ISSPRLITTNQQA	AV	IESG	EEIPYQEATSSGA...	T	AVAFK	572				
NTDB id 412268	GTF72	RS01320	WP 000788426.1	T...	S	ANASSIAFQ	VAKLGS	GT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQ	PAY	IEQ	GTEIPYLESSSSGA...	S	TVAFK	458				
NTDB id 1186	GTF74	RS01320	WP 000788426.1	T...	S	ANASSIAFQ	VAKLGS	GT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQ	PAY	IEQ	GTEIPYLESSSSGA...	S	TVAFK	458				
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	T...	S	ANASSIAFQ	VAKLGS	GT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQ	PAY	IEQ	GTEIPYLESSSSGA...	S	TVAFK	458				
NTDB id 1408	DSB67	RS13980	WP 010643500.1	T...	S	PNAT	SIAFQ	VAKLGS	SDT	LLDLELSALQ	QESKAEI	ISSPRLITTNKQ	PAY	IEQ	GTEIPYLESSSSGA...	T	SVTFK	467			
NTDB id 1193	PAKAF	RS26665	WP 003161249.1	K...	D	A	TSGIGIGFI	T.DNI	I	LDLQLS	A	E	KTGNGEIV	SQPKVVT	SDK	E	TAKILKGSEVPYQEASSGA...	T	ST	SFK	596
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	T...	T	TGASSIAFGLISL	S	SDF	M	LDLELSALQ	A	DGYGEVISTPKVMSADKQAK	V	ATG	VEVPYQSTTNSAAGSTATT	S	SFK	593			
NTDB id 1039	HON27	RS01460	WP 031993779.1	S...	N	P	AGSIAFGLISM	S	SDF	M	LDLELSALQ	A	DGYGEVISTPKVMTADKQTAK	V	ATG	QVVPYQSTTNSAAGSTATT	S	SFK	605		
NTDB id 1052	ABD1	RS15850	WP 001017033.1	S...	N	P	AGSIAFGLISM	S	SDF	M	LDLELSALQ	A	DGYGEVISTPKVMTADKQTAK	V	ATG	QVVPYQSTTNSAAGSTATT	S	SFK	605		
consensus				*	**	*****	*		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

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NTDB id 1284	ACE17W	RS12370	WP 010946666.1	KAVLSLKVTPQITPDG	KILMDLQ	INQDTPSPQT.FLGVP...AIITKEI	QTNVLVNNGQTI	VLGGIYKQDKNKV	INRIPF	648	
NTDB id 1257	GCO85	RS04855	WP 163621000.1	KAVLSLKVTPQITPDG	KILMDLQ	INQDTPSPQT.FLGVP...AIITKEI	QTNVLVNNGQTI	VLGGIYKQDKNKV	INRIPF	648	
NTDB id 412268	GTF72	RS01320	WP 000788426.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETVVLGGIFQHS	INNSVDKVPL	537
NTDB id 1186	GTF74	RS01320	WP 000788426.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETVVLGGIFQHS	INNSVDKVPL	537
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETVVLGGIFQHS	INNSVDKVPL	537
NTDB id 1408	DSB67	RS13980	WP 010643500.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRP	QV.V.KTGTGEAVA	IDTQRIGT	QVLVNNGETVVLGGIFQHS	ITNSVDKVPL	546
NTDB id 1193	PAKAF	RS26665	WP 003161249.1	EALSL	LEVTPQITPDN	RRIIVEVK	VTKDAPDYQNMLNGVP...PINKNEVNAK	ILVNDGETIV	IGGVFSNEQSKSVEKVPF	673	
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	EALSL	LEVTPN	ITPDGKILMELN	IANDSINS.YAQNGEA...ILNKNT	INTNVLVNNGGETVVLGGVFEQIT	NNAVTKVPF	669	
NTDB id 1039	HON27	RS01460	WP 031993779.1	DALLSLN	VTPSITPDGKIQMKLD	ISKDSVAG.AAPNGEL...ILNKNN	INTNVLVDNGETVILGGVFEQIT	TMNSQT	KVPF	681	
NTDB id 1052	ABD1	RS15850	WP 001017033.1	DALLSLN	VTPSITPDGKIQMKLD	ISKDSVAG.AAPNGEL...ILNKNN	INTNVLVDNGETVILGGVFEQIT	TMNSQT	KVPF	681	
consensus				*!!!!!!!!!!!!!!!! *!!!! *!!!! *							

logo



X non conserved
X similar
X ≥ 50% conserved