

logo

NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIAILII..ISASISLMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDLFISTDMQIPSDQ	78
NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIAILIL..ISASISLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDLFISTDMQIPSDQ	78
NTDB id 264565 C1H56 RS12100 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	MKQIIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGGTEIRVMFNGLPP.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	STIIYQINEASVDVSDDDRRRLIYNKNGLSYTRVAGNLTWNLVYNKSKQTSKHALCSSSPLPYVSVFSAE	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDLFENSKE.....VFITNQV	145
NTDB id 264565 C1H56 RS12100 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	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 264565 C1H56 RS12100 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	PAPQGGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQGQSKVIRVFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG	218
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQGQSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQGQSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
consensus	* * * * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1
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NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
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consensus

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NTDB id 1039 HON27 RS01460 WP 031993779.1
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consensus

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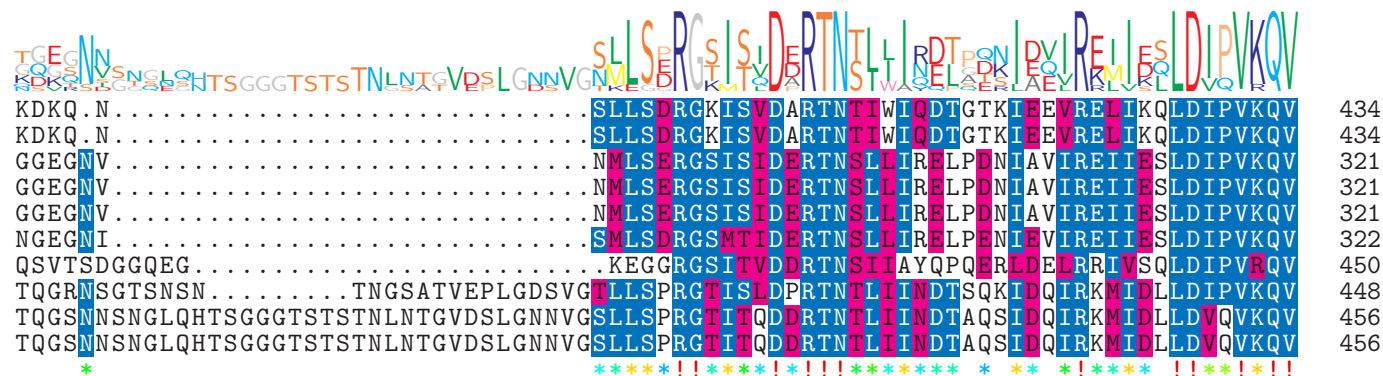


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NTDB id 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

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NTDB id	1284	ACE17W	RS12370	WP	010946666.1	LIEARIVEVTKD	FSQDIGIRWGVSRP	THL.....	SGTLEGA.....	NELARG.TAP	ANVVPL.....	ERRRLNLDLAA	495			
NTDB id	1257	GCO85	RS04855	WP	163621000.1	LIEARIVEVTKD	FSQDIGIRWGVSRP	THL.....	SGTLEGA.....	NELARG.TAP	ANVVPL.....	ERRRLNLDLAA	495			
NTDB id	264565	C1H56	RS12100	WP	000788426.1	QIEARIVTVKEGN	LEELGVRWGV	MSTNGSHS...	VGGSIENLWQKGLLAD		DEFPV.....	DEFLNVNLAS	384			
NTDB id	1186	GTF74	RS01320	WP	000788426.1	QIEARIVTVKEGN	LEELGVRWGV	MSTNGSHS...	VGGSIENLWQKGLLAD		DEFPV.....	DEFLNVNLAS	384			
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	QIEARIVTVKEGN	LEELGVRWGV	MSTNGSHS...	VGGSIENLWQKGLLAD		DEFPV.....	DEFLNVNLAS	384			
NTDB id	1408	DSB67	RS13980	WP	010643500.1	QIEARIVTIN	EGNMDELGVRW	GFTSINGSHS...	VGGSIENN	LATIGLYDGGGEG	.DDGSSVGI.....	DDFLNVNLAA	393			
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	MIEARIVEANVGY	DKSLGVRWGG	AYHKGNWSG...	YGKDGN	.IGIKDE	DGMNCGPIAGSCT	FPTTGT	SKSPSPFVDLGA	525		
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	MIEARIVRATIS	FSKEMGVK	WGI	LSQGINQNSNL	LVGGSETTLWN	LRNPD...SN....	GT	YTI...ERP	DNLNVDLGV	517	
NTDB id	1039	HON27	RS01460	WP	031993779.1	MVEARIVRAST	SFTKELGV	KWGI	LSQGITNNNNL	LVGGSETTLWN	LRNPK...KDETTG	G	YK	YTI...ERP	DNLNVDLGV	530
NTDB id	1052	ABD1	RS15850	WP	001017033.1	MVEARIVRAST	SFTKELGV	KWGI	LSQGITNNNNL	LVGGSETTLWN	LRNPK...KDETTG	G	YK	YTI...ERP	DNLNVDLGV	530
consensus						*****	***	*****	*****	*	*****	*****				

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NTDB id	1284	ACE17W	RS12370	WP	010946666.1	APLTG	ATP	ASVGI	ALAKLNDNI	LLDLELSAL	E	SEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	T	AVAFK	572		
NTDB id	1257	GCO85	RS04855	WP	163621000.1	VPLTG	ATP	ASVGI	ALAKLNDNI	LLDLELSAL	E	SEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	T	AVAFK	572		
NTDB id	264565	C1H56	RS12100	WP	000788426.1	T...	S	ANASSIAFQ	VAKLGS	SGT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQ	PAYIEQG	TEIPYLESSSSGA...	STVAFK	458	
NTDB id	1186	GTF74	RS01320	WP	000788426.1	T...	S	ANASSIAFQ	VAKLGS	SGT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQ	PAYIEQG	TEIPYLESSSSGA...	STVAFK	458	
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	T...	S	ANASSIAFQ	VAKLGS	SGT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQ	PAYIEQG	TEIPYLESSSSGA...	STVAFK	458	
NTDB id	1408	DSB67	RS13980	WP	010643500.1	T...	S	PNAT	SIAFQ	VAKLGS	SDT	LLDLELSALQ	QESKAEI	ISSPRLITTNKQ	PAYIEQG	TEIPYLESSSSGA...	TSVTFK	467
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	K...	D	A	TSGIGIGFI	.T.DNI	ILDLQLS	AMEKTGN	GEIVSQPKVVTSDK	E	TAKILKGSEVPYQEASSGA...	TS	SFK	596
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	T...	T	TGASSIAFGLIS	L	SDF	MLDLELSALQ	ADGYGEVISTPKVMSADKQAK	VATG	VEVPYQSTTNSAAGSTATT	SFK	593		
NTDB id	1039	HON27	RS01460	WP	031993779.1	S...	N	P	AGSIAFGLIS	M	SDF	MLDLELSALQ	ADGYGEVISTPKVMTADKQTAK	VATG	QVVPYQSTTNSAAGSTATT	SFK	605	
NTDB id	1052	ABD1	RS15850	WP	001017033.1	S...	N	P	AGSIAFGLIS	M	SDF	MLDLELSALQ	ADGYGEVISTPKVMTADKQTAK	VATG	QVVPYQSTTNSAAGSTATT	SFK	605	
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NTDB id	1284	ACE17W	RS12370	WP	010946666.1	KAVLSLKVTPQITPDG	KILMDLQ	INQDTPSPQT	.FLGVP...	AIITKEI	QTNVLVNNGGT	IVLGGIYKQDKNKV	INRIPF	648
NTDB id	1257	GCO85	RS04855	WP	163621000.1	KAVLSLKVTPQITPDG	KILMDLQ	INQDTPSPQT	.FLGVP...	AIITKEI	QTNVLVNNGGT	IVLGGIYKQDKNKV	INRIPF	648
NTDB id	264565	C1H56	RS12100	WP	000788426.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETTVLGGIFQHS	INNSVD	QKVP	537
NTDB id	1186	GTF74	RS01320	WP	000788426.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETTVLGGIFQHS	INNSVD	QKVP	537
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETTVLGGIFQHS	INNSVD	QKVP	537
NTDB id	1408	DSB67	RS13980	WP	010643500.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRP	QGVV.KTGTGEAVA	IDTQRIGT	QVLVNNGETTVLGGIFQHS	ITNSVD	QKVP	546
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	EAAALSLEVTPQITPDN	RRIIEV	KVTKDAPDYQNMLNGVP...	PINKNEVNAK	ILVNDGET	IVIGGVFSNEQSKS	VEKVPF	673	
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	EALLSLEVTPN	ITPDGKILMELN	IANDSINS	.YAQNGEA...	ILNKNT	INTNVLVNNGETTVLGGVFEQ	TTNNAV	TKVPF	669
NTDB id	1039	HON27	RS01460	WP	031993779.1	DALLSLNVTPS	ITPDGKI	QMKLDISKDSVAG	.AAPNGEL...	ILNKNN	INTNVLVNDGETVILGGVFEQ	TTMNSQT	KVPF	681
NTDB id	1052	ABD1	RS15850	WP	001017033.1	DALLSLNVTPS	ITPDGKI	QMKLDISKDSVAG	.AAPNGEL...	ILNKNN	INTNVLVNDGETVILGGVFEQ	TTMNSQT	KVPF	681
consensus						*!!!!!!!!!!!!	*****	*****	!	*	* ** *****!	*****!	* ** *****!	*

logo



☐ non conserved
☒ similar
☒ ≥ 50% conserved