

logo

NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIAILII..ISASISLMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIAILIL..ISASISLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 162020 ASZ85 RS13390 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.MFAPALLAADLEKLDVAALPGDRVELKLQFDEPVA.APRGYTIEQPARTIALDLPGVQNKLG..T	76
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQIIRQFSIGTVAYAIMQVSAQVAITNVVPMNIPGGTEIRVMFNGLPP.QPQAYQLEQPARLLIDFDKAGQKLA..K	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLLIDFDKAQQGLK..Q	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLLIDFDKAQQGLK..Q	77
consensus	* * * * *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1	STIIVTNEASVDVSDDDRRRLIYNKNGLSYTRVAGNLTWNLVYNLCSSSKKEKALGSTRHYNITLXKRSKUTHEMPRAVAFSSSTEQSYIKLGNASNDKEANAKEPVKASPLPYXSYXVTFINQV	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDLFENSKE.....VFITNQV	145
NTDB id 162020 ASZ85 RS13390 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	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 162020 ASZ85 RS13390 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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NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
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NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

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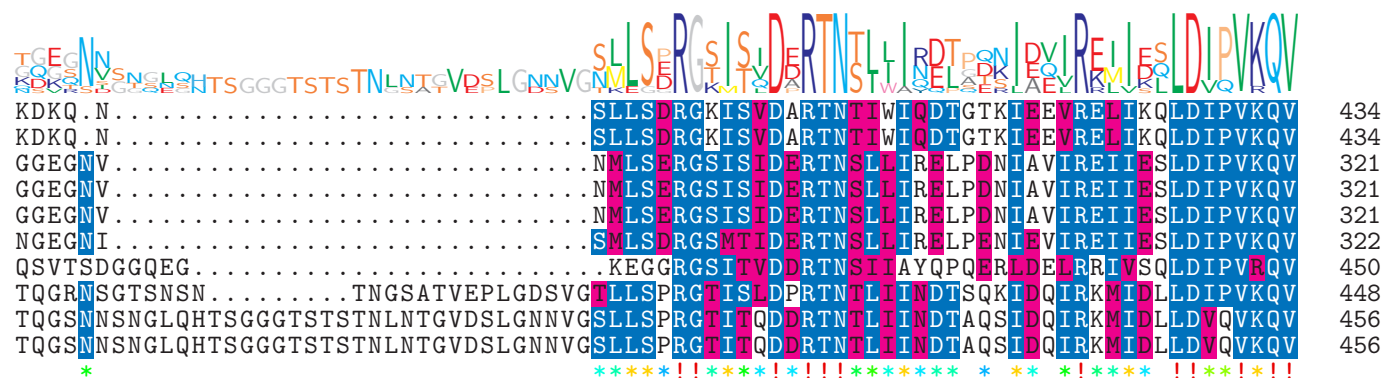


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NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

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NTDB id 1284	ACE17W	RS12370	WP 010946666.1	LIEARIVEVTKD	FSQDIGIRWGVSRP	THL.....SGTLEGA.....NELARG.TAPANVVPL.....ERRRLNLDLAA	495
NTDB id 1257	GCO85	RS04855	WP 163621000.1	LIEARIVEVTKD	FSQDIGIRWGVSRP	THL.....SGTLEGA.....NELARG.TAPANVVPL.....ERRRLNLDLAA	495
NTDB id 162020	ASZ85	RS13390	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	EGNMDELGVRWGFT	SINGSHT...VGGSIENNLLATIGLYDGGGEG.DDGGSSVGI.....DDFLNVNLA	393
NTDB id 1193	PAKAF	RS26665	WP 003161249.1	MIEARIVEANVGY	DKSLGVRWGGAYHK	GNWSG...YGKDGN.IGIKDEDEGMNCGPIAGSCTFPTTGT	525
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	MIEARIVRATIS	FSKEMGVKWKIL	SQGINQNSNLLVGGSETTLWNLRNPD...SN.....GT	517
NTDB id 1039	HON27	RS01460	WP 031993779.1	MVEARIVRAST	SFTKELGVKWKIL	SQGITNNNNLLVGGSETTLWNLRNPK...KDETTG	530
NTDB id 1052	ABD1	RS15850	WP 001017033.1	MVEARIVRAST	SFTKELGVKWKIL	SQGITNNNNLLVGGSETTLWNLRNPK...KDETTG	530
consensus				*****	***	*****	

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NTDB id 1284	ACE17W	RS12370	WP 010946666.1	APLTG	ATP	ASVGI	ALAKLNDNII	LLDLELSAL	E	SEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	T	AVAFK	572		
NTDB id 1257	GCO85	RS04855	WP 163621000.1	VPLTG	ATP	ASVGI	ALAKLNDNII	LLDLELSAL	E	SEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	T	AVAFK	572		
NTDB id 162020	ASZ85	RS13390	WP 000788426.1	T...	S	ANASSIAFQ	VAKLGS	SGT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQ	PAYIEQ	GTEIPYLESSSSGA...	STVAFK	458	
NTDB id 1186	GTF74	RS01320	WP 000788426.1	T...	S	ANASSIAFQ	VAKLGS	SGT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQ	PAYIEQ	GTEIPYLESSSSGA...	STVAFK	458	
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	T...	S	ANASSIAFQ	VAKLGS	SGT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQ	PAYIEQ	GTEIPYLESSSSGA...	STVAFK	458	
NTDB id 1408	DSB67	RS13980	WP 010643500.1	T...	S	PNAT	SIAFQ	VAKLGS	SDT	LLDLELSALQ	QESKAEI	ISSPRLITTNKQ	PAYIEQ	GTEIPYLESSSSGA...	TSVTFK	467
NTDB id 1193	PAKAF	RS26665	WP 003161249.1	K...	D	A	TSGIGIGFI	T.DNI	ILDLQL	SAMEKT	NGEIVSQPKVVT	SDKETAKILKG	SEVPYQEASSGA...	TST	SFK	596
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	T...	T	TGASSIAFGLIS	L	SDF	MLDLELSALQ	ADGYGEVISTPKVMS	ADKQAKVATG	VEVPYQSTTNSAAGSTATT	SFK	593		
NTDB id 1039	HON27	RS01460	WP 031993779.1	S...	N	P	AGSIAFGLISM	SDF	MLDLELSALQ	ADGYGEVISTPKVMTADKQTAKVATG	QQVPYQSTTNSAAGSTATT	SFK	605			
NTDB id 1052	ABD1	RS15850	WP 001017033.1	S...	N	P	AGSIAFGLISM	SDF	MLDLELSALQ	ADGYGEVISTPKVMTADKQTAKVATG	QQVPYQSTTNSAAGSTATT	SFK	605			
consensus				*	**	*****	*	*****	*****	*****	*****	*****	*****	*****	*****	*****

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NTDB id 1284	ACE17W	RS12370	WP 010946666.1	KAVLSLKVTPQITPDGKILMDLQINQDTPSPQT.FLGV...	AIITKEIQTNVLVNNGQTI	VLGGIYKQDKNKV	INRIPF	648
NTDB id 1257	GCO85	RS04855	WP 163621000.1	KAVLSLKVTPQITPDGKILMDLQINQDTPSPQT.FLGV...	AIITKEIQTNVLVNNGQTI	VLGGIYKQDKNKV	INRIPF	648
NTDB id 162020	ASZ85	RS13390	WP 000788426.1	KAVLSLKVTPQITPDNRLVLDLSVTQDRRG	ETV.KTGTGEAVSIDTQRIGTQVLVNNGETTVLGGIFQHS	INNSVDKVPL	537	
NTDB id 1186	GTF74	RS01320	WP 000788426.1	KAVLSLKVTPQITPDNRLVLDLSVTQDRRG	ETV.KTGTGEAVSIDTQRIGTQVLVNNGETTVLGGIFQHS	INNSVDKVPL	537	
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	KAVLSLKVTPQITPDNRLVLDLSVTQDRRG	ETV.KTGTGEAVSIDTQRIGTQVLVNNGETTVLGGIFQHS	INNSVDKVPL	537	
NTDB id 1408	DSB67	RS13980	WP 010643500.1	KAVLSLKVTPQITPDNRLVLDLSVTQDRPQ	GVV.KTGTGEAVSIDTQRIGTQVLVNNGETTVLGGIFQHS	ITNSVDKVPL	546	
NTDB id 1193	PAKAF	RS26665	WP 003161249.1	EALSLLEVTPQITPDNRIIVEVKVT	KDAPDYQNMLNGVP...PINKNEVNAKILVNDGETIVIGGVFSNEQSKSVEKVPF	673		
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	EALSLLEVTPNITPDGKILMELN	IANDSINS.YAQNGEA...ILNKNTINTNVLVNNGETTVLGGVFEQIT	NNAVTKVPF	669	
NTDB id 1039	HON27	RS01460	WP 031993779.1	DALLSLNVTPSITPDGKIQMKLD	ISKDSVAG.AAPNGEL...ILNKNNINTNVLDNGETVILGGVFEQIT	TMSQTKVPF	681	
NTDB id 1052	ABD1	RS15850	WP 001017033.1	DALLSLNVTPSITPDGKIQMKLD	ISKDSVAG.AAPNGEL...ILNKNNINTNVLDNGETVILGGVFEQIT	TMSQTKVPF	681	
consensus				*!!!!!!!!!!!!!!!! *!!!! *!!!! *				

logo



non conserved
 similar
 ≥ 50% conserved