

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 44215 O3Y RS13240 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	MKQIIIRQFSIGTVAYAIMQVSAQVAITNVVPMNIPGGTEIRVMFNGLPP.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	KTCTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDLFENSKE.....VFITNQV	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTCTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSKE.....VFITNQV	145
NTDB id 44215 O3Y RS13240 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	* * * * *	

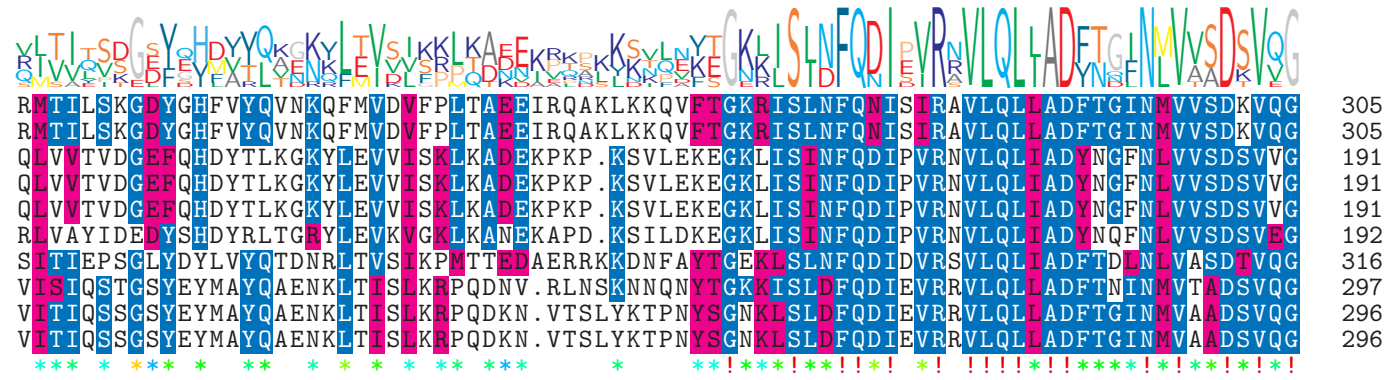
logo

NTDB id 1284 ACE17W RS12370 WP 010946666.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 44215 O3Y RS13240 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	EVQSNLSKSIDFRTNKKDKDAIVIVVELVSPAAIVDIKRVQEGLSIDLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTT	113
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGENVVIDLSDPTLSPDIQEQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASDAQSDRT	236
NTDB id 1009 ACIAD RS15175 WP 004923730.1	PAPQGGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQQGSKVVIRDFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG	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 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

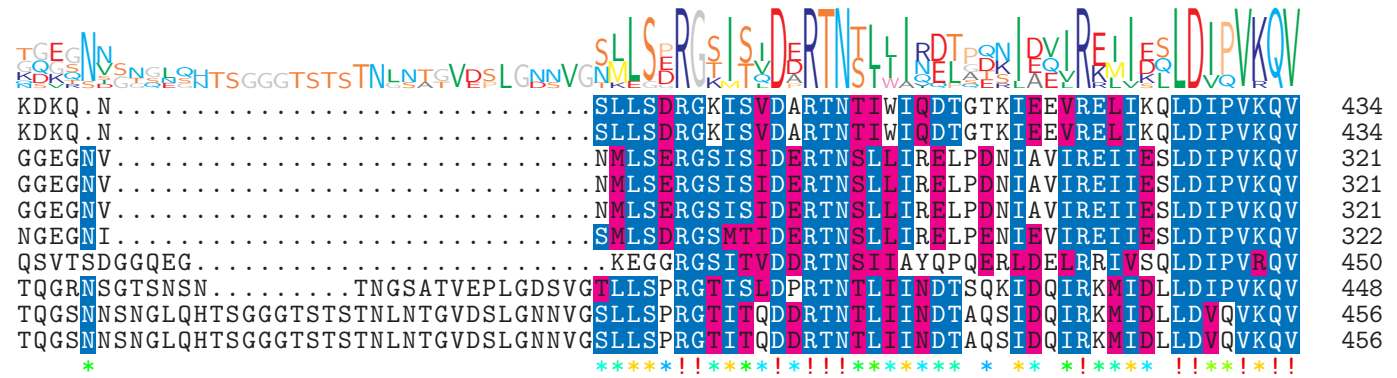
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NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

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NTDB id 1284	ACE17W	RS12370	WP 010946666.1	LIEARIVEVTKD	FSQDIGIRWGVSRP	THL.....	SGTLEGA.....	NELARG.TAP	ANVVPL.....	ERRRLNLDLAA	495		
NTDB id 1257	GCO85	RS04855	WP 163621000.1	LIEARIVEVTKD	FSQDIGIRWGVSRP	THL.....	SGTLEGA.....	NELARG.TAP	ANVVPL.....	ERRRLNLDLAA	495		
NTDB id 44215	O3Y	RS13240	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	AYHKGWNSG...	YGKDGN	.IGIKDE	DGMNCGPIAGSCT	FPTTGT	SKSPSPFVDLGA	525	
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	MIEARIVRATTS	FSKEMGVK	WGI	LSQGINQNSN	LIVGGSET	TLWNLRNP	PD...SN....	GTYTIT...ERP	DNLNVDLGV	517
NTDB id 1039	HON27	RS01460	WP 031993779.1	MVEARIVRAST	SFTKELGV	KWGI	LSQGITNNNN	LIVGGSET	TLWNLR	REPK...KDETTG	GKYKTI...ERP	DNLNVDLGV	530
NTDB id 1052	ABD1	RS15850	WP 001017033.1	MVEARIVRAST	SFTKELGV	KWGI	LSQGITNNNN	LIVGGSET	TLWNLR	REPK...KDETTG	GKYKTI...ERP	DNLNVDLGV	530
consensus				*****	***	*****	***	*	*****	*	***	*****	*

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NTDB id 1284	ACE17W	RS12370	WP 010946666.1	APLTG	ATP	ASVGI	ALAKLNDNI	LLDLELSAL	E	SEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	TAVAFK	572		
NTDB id 1257	GCO85	RS04855	WP 163621000.1	VPLTG	ATP	ASVGI	ALAKLNDNI	LLDLELSAL	E	SEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	TAVAFK	572		
NTDB id 44215	O3Y	RS13240	WP 000788426.1	T...	SANASSIAFQ	VAKLGS	SGT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQP	PAYIEQGT	EIPYLESSSSGA...	STVAFK	458	
NTDB id 1186	GTF74	RS01320	WP 000788426.1	T...	SANASSIAFQ	VAKLGS	SGT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQP	PAYIEQGT	EIPYLESSSSGA...	STVAFK	458	
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	T...	SANASSIAFQ	VAKLGS	SGT	LLDLELSALQ	NESKAEI	ISSPRLITTNKQP	PAYIEQGT	EIPYLESSSSGA...	STVAFK	458	
NTDB id 1408	DSB67	RS13980	WP 010643500.1	T...	SPNAT	SIAFQ	VAKLGS	SDT	LLDLELSALQ	QESKAEI	ISSPRLITTNKQP	PAYIEQGT	EIPYLESSSSGA...	TSVTFK	467
NTDB id 1193	PAKAF	RS26665	WP 003161249.1	K...	DA	TSGIGIGFI	.T.DNI	ILDLQLS	AMEKTGN	GEIVSQPKVVTSD	KETAKILKGSEVPYQEASSGA...	TSTSFK	596		
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	T...	ITGASSIAFGLIS	L.SDF	MLDLELSALQ	ADGYGEVIST	PKVMSADKQ	AKVATGVEVPYQSTTNSA	AAGSTATT	SFK	593		
NTDB id 1039	HON27	RS01460	WP 031993779.1	S...	NP	.AGSIAFGLIS	.SDF	MLDLELSALQ	ADGYGEVIST	PKVMTADKQ	TAKVATGQQVPYQSTTNSA	AAGSTATT	SFK	605	
NTDB id 1052	ABD1	RS15850	WP 001017033.1	S...	NP	.AGSIAFGLIS	.SDF	MLDLELSALQ	ADGYGEVIST	PKVMTADKQ	TAKVATGQQVPYQSTTNSA	AAGSTATT	SFK	605	
consensus				*	**	*****	*	*****	*****	*****	*****	*****	*****	*	

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NTDB id 1284	ACE17W	RS12370	WP 010946666.1	KAVLSLKVTPQITPDG	KILMDLQ	INQDTPSPQT	.FLGVP...	AIITKEI	QTNVLVNNGQT	IVLGGIYKQDKNKV	INRIPF	648
NTDB id 1257	GCO85	RS04855	WP 163621000.1	KAVLSLKVTPQITPDG	KILMDLQ	INQDTPSPQT	.FLGVP...	AIITKEI	QTNVLVNNGQT	IVLGGIYKQDKNKV	INRIPF	648
NTDB id 44215	O3Y	RS13240	WP 000788426.1	KAVLSLKVTPQITPDN	RRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETV	VLGGIFQHS	INNSVDKVPL	537
NTDB id 1186	GTF74	RS01320	WP 000788426.1	KAVLSLKVTPQITPDN	RRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETV	VLGGIFQHS	INNSVDKVPL	537
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	KAVLSLKVTPQITPDN	RRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETV	VLGGIFQHS	INNSVDKVPL	537
NTDB id 1408	DSB67	RS13980	WP 010643500.1	KAVLSLKVTPQITPDN	RRLVLDLS	VTQDRPQ	GVV.KTGTGEAVA	IDTQRIGT	QVLVNNGETV	VLGGIFQHS	ITNSVDKVPL	546
NTDB id 1193	PAKAF	RS26665	WP 003161249.1	EAAALSLEVTPQITPDN	RRIIVEVKV	TKDAPDYQN	MLNGVP...	PINKNEVNAK	ILVNDGETIV	IGGVFSNEQSKS	VEKVPF	673
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	EALLSLEVTPN	ITPDGKILMELN	IANDSINS	.YAQNGEA...	ILNKNT	INTNVLVNNGETV	VLGGVFEQIT	TNNAVTKVPF	669
NTDB id 1039	HON27	RS01460	WP 031993779.1	DALLSLNVTPS	ITPDGKI	QMKLDISKDSV	VAG.AAPNGEL...	ILNKNN	INTNVLVNGETV	ILGGVFEQIT	TMNSQTKVPF	681
NTDB id 1052	ABD1	RS15850	WP 001017033.1	DALLSLNVTPS	ITPDGKI	QMKLDISKDSV	VAG.AAPNGEL...	ILNKNN	INTNVLVNGETV	ILGGVFEQIT	TMNSQTKVPF	681
consensus				*!!!!!!!!!!!!!!!!	*****	***!*	*	!	*	* ** *****!*****!***!*	***!*****!*	681

logo



☐ non conserved
☒ similar
☒ ≥ 50% conserved