

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 20630 VC RS12685 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.APRGYTIEQPARIALDLPGVQNKLG..T	76
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKILA..K	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGGLK..Q	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGGLK..Q	77
consensus	* * * * *	

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NTDB id 1284 ACE17W RS12370 WP 010946666.1	STIITYTNEASVDVSDDDRRRLIYNLKNGLSYTRVAGNLTWNLVYNLCSSSKKEKALGTHYNTLXKRSKQTHEMPRAVAFSSKTESSYIKLGNASNDKEANAKEPVKASPLPYXSYXVFLNQV	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDLFENSKE.....VFITNQV	145
NTDB id 20630 VC RS12685 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	KNRELISVGNTRSVTVVEAKDRTRLIINLTTLSSTTRVEGNLNFVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVNLKDAAGFTTRVEGNVFILKINNIQSTAT.....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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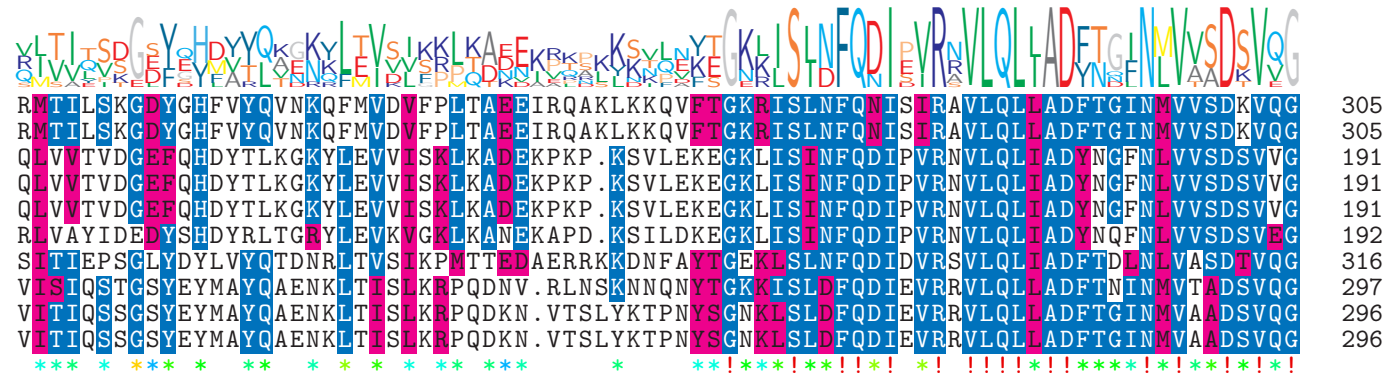
NTDB id 1284 ACE17W RS12370 WP 010946666.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 20630 VC RS12685 WP 000788426.1	SATANQLENIDFRVNKEKA 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	EVQSNLSKSIDFRTNKKDKDAVIVVELVSPAAIVDTIKRVQEGLSIDLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTT	113
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGENVVIDLSDPTLSPDIQEGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRT	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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NTDB id 1284 ACE17W RS12370 WP 010946666.1
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
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

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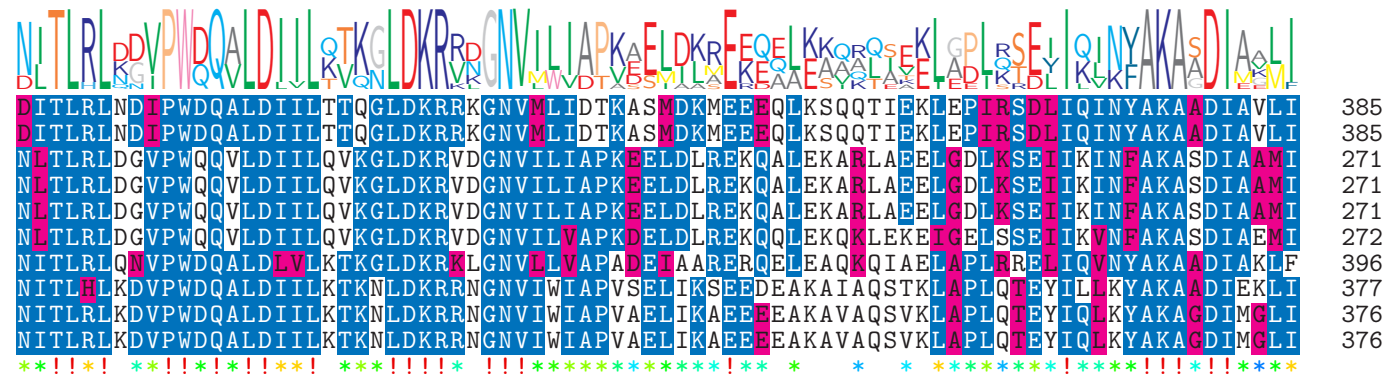


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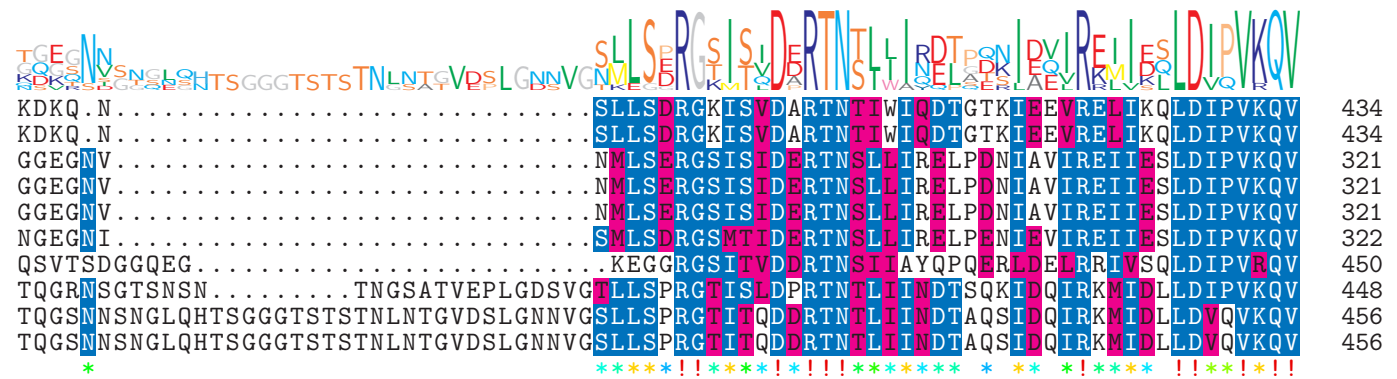
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NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

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NTDB id 1284 ACE17W RS12370 WP 010946666.1
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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 20630	VC	RS12685	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	.IGIKDEDGMNCGPIAGSCT	FPTTGT	SKSPSPFVDLGA	525			
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	MIEARIVRATIS	FSKEMGVK	WGI	LSQGINQNSN	LIVGGSETTLWN	LRNPD...SN....	GT	YTI...ERP	DNLNVDLGV	517	
NTDB id 1039	HON27	RS01460	WP 031993779.1	MVEARIVRAST	SFTKELGV	KWGI	LSQGITNNNN	LIVGGSETTLWN	LRNPK...KDETTG	G	YK	YTI...ERP	DNLNVDLGV	530
NTDB id 1052	ABD1	RS15850	WP 001017033.1	MVEARIVRAST	SFTKELGV	KWGI	LSQGITNNNN	LIVGGSETTLWN	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	A	VAFK	572			
NTDB id 1257	GCO85	RS04855	WP 163621000.1	VPLTG	ATP	ASVGI	ALAKLNDNI	LLDLELSAL	E	SEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	T	A	VAFK	572			
NTDB id 20630	VC	RS12685	WP 000788426.1	T...	S	ANASSIAFQ	VAKLGS	SGTLLDLELSALQ	N	ESKAEIISSPRLITTNKQP	PAYIEQGT	E	I	PYLESSSSGA...	STVAFK	458		
NTDB id 1186	GTF74	RS01320	WP 000788426.1	T...	S	ANASSIAFQ	VAKLGS	SGTLLDLELSALQ	N	ESKAEIISSPRLITTNKQP	PAYIEQGT	E	I	PYLESSSSGA...	STVAFK	458		
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	T...	S	ANASSIAFQ	VAKLGS	SGTLLDLELSALQ	N	ESKAEIISSPRLITTNKQP	PAYIEQGT	E	I	PYLESSSSGA...	STVAFK	458		
NTDB id 1408	DSB67	RS13980	WP 010643500.1	T...	S	PNAT	SIAFQ	VAKLGS	SDTLLDLELSALQ	Q	ESKAEIISSPRLITTNKQP	PAYIEQGT	E	I	PYLESSSSGA...	TSVTFK	467	
NTDB id 1193	PAKAF	RS26665	WP 003161249.1	K...	D	A	TSGIGIGFI	.T.DNI	ILDLQL	SAMEK	TGN	GEIVSQPKVVT	SDK	E	TAKILKGSEVPYQEASSGA...	TST	SFK	596
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	T...	T	TGASSIAFGLISL	.SDF	MLDLELSALQ	A	DGYGEVISTPKVMSADKQ	KAKVATG	VEVPYQSTTNSAAGSTATT	SFK	593				
NTDB id 1039	HON27	RS01460	WP 031993779.1	S...	N	P	.AGSIAFGLISM	.SDF	MLDLELSALQ	A	DGYGEVISTPKVMTADKQ	TAKVATG	QVVPYQSTTNSAAGSTATT	SFK	605			
NTDB id 1052	ABD1	RS15850	WP 001017033.1	S...	N	P	.AGSIAFGLISM	.SDF	MLDLELSALQ	A	DGYGEVISTPKVMTADKQ	TAKVATG	QVVPYQSTTNSAAGSTATT	SFK	605			
consensus				*	**	*****	*	*****	*****	*****	*****	*****	*****	*****	*****	*****		

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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 20630	VC	RS12685	WP 000788426.1	KAVLSLKVTPQITPDN	RRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETTVLGGIF	QHSINNSVD	QKVP	537	
NTDB id 1186	GTF74	RS01320	WP 000788426.1	KAVLSLKVTPQITPDN	RRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETTVLGGIF	QHSINNSVD	QKVP	537	
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	KAVLSLKVTPQITPDN	RRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGT	QVLVNNGETTVLGGIF	QHSINNSVD	QKVP	537	
NTDB id 1408	DSB67	RS13980	WP 010643500.1	KAVLSLKVTPQITPDN	RRLVLDLS	VTQDRP	QV.V.KTGTGEAVA	IDTQRIGT	QVLVNNGETTVLGGIF	QHSITNSVD	QKVP	546	
NTDB id 1193	PAKAF	RS26665	WP 003161249.1	EAAALSLEVTPQITPDN	RRIIVEV	KVTKDAPDY	QNMNGVP...	PINKNEV	NAKILVNDGET	IVIGGVFS	NEQSKSVEKVPF	673	
NTDB id 1009	ACIAD	RS15175	WP 004923730.1	EALLSLEVTPN	ITPDGKILMELN	IANDSINS	.YAQNGEA...	ILNKNT	INTNVLVNNGETTVLGGV	FEQITTN	NAVTKVPF	669	
NTDB id 1039	HON27	RS01460	WP 031993779.1	DALLSLNVTPS	ITPDGKI	QMKLDISKDSV	AG.AAPNGEL...	ILNKNN	INTNVLVDNGETV	ILGGVFEQIT	TMNSQT	KVPF	681
NTDB id 1052	ABD1	RS15850	WP 001017033.1	DALLSLNVTPS	ITPDGKI	QMKLDISKDSV	AG.AAPNGEL...	ILNKNN	INTNVLVDNGETV	ILGGVFEQIT	TMNSQT	KVPF	681
consensus				*!!!!!!!!!!!!!!!!	*****	***!*	*	!	*	* * *	*****!*****!*****!*	* * *	*****!*

logo



- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved