

logo

NTDB id 1257 GC085 RS04855 WP 163621000.1	MRKIIAILII..ISASISLAYSKDNSIISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIAILIL..ISASLSMAYSKDNSIISVKVLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1186 GTF74 RS01320 WP 000788426.1		0
NTDB id 1175 A1552VC RS12105 WP 000788426.1		0
NTDB id 62037 N646 RS09070 WP 005382765.1		0
NTDB id 1408 DSB67 RS13980 WP 010643500.1		0
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MNSGLSRLGIALLAA.MFAPALLAADLEKLDVAALPGDRVELKLQFDEPVA.APRGYTIEQPARIALDLPGVQNKLG..T	76
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQIIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLA..K	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAIMQAAASQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGGLK..Q	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAIMQAAASQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQGGLK..Q	77
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NTDB id 1257 GC085 RS04855 WP 163621000.1	STIITYTNEASVDVSDDDRRRLINLKLPSLSTTRVEGNFSLVWNLKQTSLEASPVFVLPYVSISAE	145
NTDB id 1284 ACE17W RS12370 WP 010946666.1	KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGTAGSVYSLVLNGKSNDLFENSK.....EVFI.....TNQV	145
NTDB id 1186 GTF74 RS01320 WP 000788426.1	KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGTAGSIYSLVLNGKSNDLFENSK.....EVFI.....TNQV	32
NTDB id 1175 A1552VC RS12105 WP 000788426.1	MKNGLKTY..VAQTWLTWVGL...ALCASS.....MVF.....SAE	32
NTDB id 62037 N646 RS09070 WP 005382765.1	MKNGLKTY..VAQTWLTWVGL...ALCASS.....MVF.....SAE	33
NTDB id 1408 DSB67 RS13980 WP 010643500.1	MKMRHGLTLTPRKLTLGFLSLWFLV...FLA.....PLA.....AAE	33
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNRELISVGNTSVTVVEAKDRTRLINLTLTLSSYTTTRVEGNLFFVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVVNLKDGAGFTTRVEGNVFILKINNIQSTAT.....PVAT..SA.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDGAGFTTRVEGNTFILKINSAQTSNK.....PLPV..VS.....	138
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDGAGFTTRVEGNTFILKINSAQTSNK.....PLPV..VS.....	138
consensus	* * * * *	

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NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1284 ACE17W RS12370 WP 010946666.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1186 GTF74 RS01320 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 1175 A1552VC RS12105 WP 000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB id 62037 N646 RS09070 WP 005382765.1	EVSSNALKSIDFRTNKDKDAVIVVELASPA AIVDIKRVQEGLSIDLLNTSVKDEQLYLLDVKDFSTVVESVEVFRDTSTT	113
NTDB id 1408 DSB67 RS13980 WP 010643500.1	EVQSNLSKSIDFRTNKDKDAVIVVELVSPA AIVDIKRVQEGLSIDLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTT	113
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSMDPTLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQAQSDRT	236
NTDB id 1009 ACIAD RS15175 WP 004923730.1	PAPQQGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQQGSKVVRFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG	218
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	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
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NTDB id 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
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consensus

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NTDB id 1039 HON27 RS01460 WP 031993779.1
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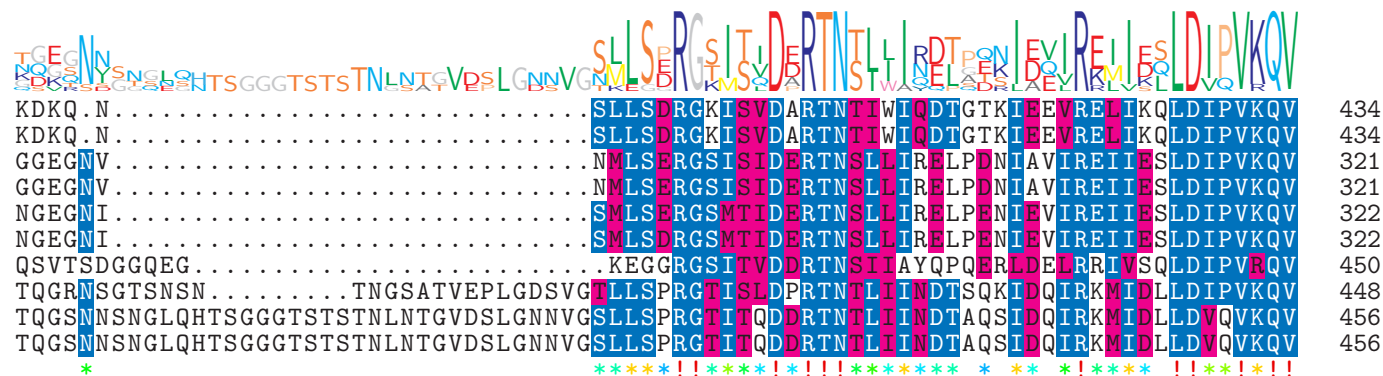


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NTDB id 1408 DSB67 RS13980 WP 010643500.1
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NTDB id 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
consensus

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NTDB id 1257 GC085 RS04855 WP 163621000.1	LIEARIVEVT	KDFSQDIGIRWGVSRP	THL.....SGTLEGA.....NELARGTAP	ANVV.....PLERRLN	LDLAA	495			
NTDB id 1284 ACE17W RS12370 WP 010946666.1	LIEARIVEVT	KDFSQDIGIRWGVSRP	THL.....SGTLEGA.....NELARGTAP	ANVV.....PLERRLN	LDLAA	495			
NTDB id 1186 GTF74 RS01320 WP 000788426.1	QIEARIVTV	KEGNLEELGVRWGV	MS	TNGSHS...VGG	SIESNLWQKGLLAD.....DEF.....PVDEFLNVN	LAS 384			
NTDB id 1175 A1552VC RS12105 WP 000788426.1	QIEARIVTV	KEGNLEELGVRWGV	MS	TNGSHS...VGG	SIESNLWQKGLLAD.....DEF.....PVDEFLNVN	LAS 384			
NTDB id 62037 N646 RS09070 WP 005382765.1	QIEARIVT	INEGNMDELGT	IRWGFTSING	SNT...VGG	SIENNLLATIGLYNGEGGDDGGDGDGV.....GID	DFLNVN	LAA 394		
NTDB id 1408 DSB67 RS13980 WP 010643500.1	QIEARIVT	INEGNMDELGT	IRWGFTSING	SHT...VGG	SIENNLLATIGLYDGGGEGD.DG	GSSV.....GID	DFLNVN	LAA 393	
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MIEARIVEAN	VGYDKSLGVRWGG	AYHKG	NW	SG...YGKDGN.IGIKDE	DGMNCGPIAGSCTFPTTGT	SKSPSPFVDLGA	525	
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MIEARIVRA	TTSFSKEMGVK	WGI	LSQGINQNS	NLLVGGSETTLWN	LRNPD...SN.....GT	YTI...ERP	DNLNV	DLGV 517
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MVEARIVRA	STSFTELGVK	WGI	LSQGITNNNN	LLVGGSETTLWN	LRNPK...KDETTG	GYKYTI...ERP	DNLNV	DLGV 530
NTDB id 1039 HON27 RS01460 WP 031993779.1	MVEARIVRA	STSFTELGVK	WGI	LSQGITNNNN	LLVGGSETTLWN	LRNPK...KDETTG	GYKYTI...ERP	DNLNV	DLGV 530
consensus	*****	*****	*****	*****	*****	*****	*****	*****	*****

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NTDB id 1257 GC085 RS04855 WP 163621000.1	VPLTGATPASVGI	ALAKLND	NIL	LDLELSALE	SEGRAELISSPRLIT	TNQQA	AVIESGEEIPYQEATSSGA...	TAVAFK	572
NTDB id 1284 ACE17W RS12370 WP 010946666.1	APLTGATPASVGI	ALAKLND	NIL	LDLELSALE	SEGRAELISSPRLIT	TNQQA	AVIESGEEIPYQEATSSGA...	TAVAFK	572
NTDB id 1186 GTF74 RS01320 WP 000788426.1	...TSANASSIA	FQVAKLGSGT	LLDLELSALQ	NESKAEI	ISSPRLIT	TNKQPAYIEQGTEIPY	LESSSSGA...	STVAFK	458
NTDB id 1175 A1552VC RS12105 WP 000788426.1	...TSANASSIA	FQVAKLGSGT	LLDLELSALQ	NESKAEI	ISSPRLIT	TNKQPAYIEQGTEIPY	LESSSSGA...	STVAFK	458
NTDB id 62037 N646 RS09070 WP 005382765.1	...TSPNATSIA	FQVAKLGSDT	LLDLELSALQ	QESKAEI	ISSPRLIT	TNKQPAYIEQGTEIPY	LESSSSGA...	TTVTFK	468
NTDB id 1408 DSB67 RS13980 WP 010643500.1	...TSPNATSIA	FQVAKLGSDT	LLDLELSALQ	QESKAEI	ISSPRLIT	TNKQPAYIEQGTEIPY	LESSSSGA...	TSVTFK	467
NTDB id 1193 PAKAF RS26665 WP 003161249.1	...KDA.TSG	GIGIGFI.T.DN	ILDLQLS	AMEK	TGN	GEIVSQPKVVTSDK	ETAKILKGSEVPYQEASSGA...	TS	TSFK 596
NTDB id 1009 ACIAD RS15175 WP 004923730.1	...TTTGASSIA	FGLISL.SDF	MLDLELSALQ	ADGYGEVISTPKVMS	ADKQKAKVATG	VEVPYQSTTNSAAGSTATT	TSFK 593		
NTDB id 1052 ABD1 RS15850 WP 001017033.1	...SNP.AGSIA	FGLISM.SDF	MLDLELSALQ	ADGYGEVISTPKVMTADKQ	TAKVATGQ	QVPYQSTTNSAAGSTATT	TSFK 605		
NTDB id 1039 HON27 RS01460 WP 031993779.1	...SNP.AGSIA	FGLISM.SDF	MLDLELSALQ	ADGYGEVISTPKVMTADKQ	TAKVATGQ	QVPYQSTTNSAAGSTATT	TSFK 605		
consensus	***	*****	**	*****	*****	*****	*****	*****	*****

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NTDB id 1257 GC085 RS04855 WP 163621000.1	KAVLSLKVTPQITPDG	KILMDLQ	INQDTPSPQT.FLGVP...AIITKEI	QTNVLVNNGQTIVLGGIYKQDKNKV	INRIPF	648
NTDB id 1284 ACE17W RS12370 WP 010946666.1	KAVLSLKVTPQITPDG	KILMDLQ	INQDTPSPQT.FLGVP...AIITKEI	QTNVLVNNGQTIVLGGIYKQDKNKV	INRIPF	648
NTDB id 1186 GTF74 RS01320 WP 000788426.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRRGETV.KTGTGEAVS	IDTQRIGTQVLVNNGETTVLGGIFQHS	INNSVD	DKVPL 537
NTDB id 1175 A1552VC RS12105 WP 000788426.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRRGETV.KTGTGEAVS	IDTQRIGTQVLVNNGETTVLGGIFQHS	INNSVD	DKVPL 537
NTDB id 62037 N646 RS09070 WP 005382765.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRPGQVV.KTGTGEAVA	IDTQRIGTQVLVNNGETTVLGGIFQHS	ITNSVD	DKVPL 547
NTDB id 1408 DSB67 RS13980 WP 010643500.1	KAVLSLKVTPQITPDN	NRLVLDLS	VTQDRPGQVV.KTGTGEAVA	IDTQRIGTQVLVNNGETTVLGGIFQHS	ITNSVD	DKVPL 546
NTDB id 1193 PAKAF RS26665 WP 003161249.1	EALSLLEVTPQITPDN	RIIVEVK	VTKDAPDYQNMLNGVP...PINKNEVNAK	ILVNDGETIVIGGVFSNEQSKS	VEKVPF	673
NTDB id 1009 ACIAD RS15175 WP 004923730.1	EALSLLEVTPNITPDG	KILMELN	IANDSINS.YAQNGEA...ILNKNT	INTNVLVNNGETTVLGGVFEQIT	NNAVT	KVPF 669
NTDB id 1052 ABD1 RS15850 WP 001017033.1	DALLSLNVTPSITPDG	KIQMKLD	ISKDSVAG.AAPNGEL...ILNKNN	INTNVLVNNGETTVILGGVFEQIT	MNSQT	KVPF 681
NTDB id 1039 HON27 RS01460 WP 031993779.1	DALLSLNVTPSITPDG	KIQMKLD	ISKDSVAG.AAPNGEL...ILNKNN	INTNVLVNNGETTVILGGVFEQIT	MNSQT	KVPF 681
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