

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 168084 AL539 RS10285 WP 165439071.1		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	MKQIIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGGTEIRVMFNGLPP.QPQAYQLEQPARLLILDFDKAGQKLA..K	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLLILDFDKAQGGLK..Q	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAIMQAAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLLILDFDKAQGGLK..Q	77
consensus	* * * * *	

logo

NTDB id 1257 GC085 RS04855 WP 163621000.1	KTCTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSK.....EVFI.....TNQV	145
NTDB id 1284 ACE17W RS12370 WP 010946666.1	KTCTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSK.....EVFI.....TNQV	145
NTDB id 1186 GTF74 RS01320 WP 000788426.1	MKNGLKTY..VAQTWLTWVGL...ALCASS.....MVF.....SAE	32
NTDB id 1175 A1552VC RS12105 WP 000788426.1	MKNGLKTY..VAQTWLTWVGL...ALCASS.....MVF.....SAE	32
NTDB id 168084 AL539 RS10285 WP 165439071.1	MKMRQGLTRTPRILTGLFSLWLFLV...FLA.....PLA.....AAE	33
NTDB id 1408 DSB67 RS13980 WP 010643500.1	MKMRHGLTLTPRKLTLGLFSLWFLS...LLA.....PFV.....AAE	33
NTDB id 1193 PAKAF RS26665 WP 003161249.1	KNRELISVGNTRSVTVVEAKDRTRLIINLTTLSSTTRVEGNLNFVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVVNLKDGAFITTRVEGNVFILKINNIQSTAT.....PVAT..SA.....	138
NTDB id 1052 ABD1 RS15850 WP 001017033.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDGAFITTRVEGNVFILKINSAQTSNK.....PLPV..VS.....	138
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDTGAFITTRVEGNVFILKINSAQTSNK.....PLPV..VS.....	138
consensus	* * * * *	

logo

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 168084 AL539 RS10285 WP 165439071.1	EVSSNALKSIDFRTNKDKDAVIVVELASPA AIVDIKRVQEGLSIDLLNTSVKDEQLYLLDVKDFSTVVESVEVFRDTSTT	113
NTDB id 1408 DSB67 RS13980 WP 010643500.1	EVQSNLSKSIDFRTNKDKDAVIVVELVSPAAIVDIKRVQEGLSIDLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTT	113
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGEKNVVIDLSDPITLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQAQSDRT	236
NTDB id 1009 ACIAD RS15175 WP 004923730.1	PAPQGGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQQGSKVVRFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG	218
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
consensus	* * * * *	

logo

```

NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 168084 AL539 RS10285 WP 165439071.1
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 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
consensus

```



logo

```

NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 168084 AL539 RS10285 WP 165439071.1
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 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
consensus

```

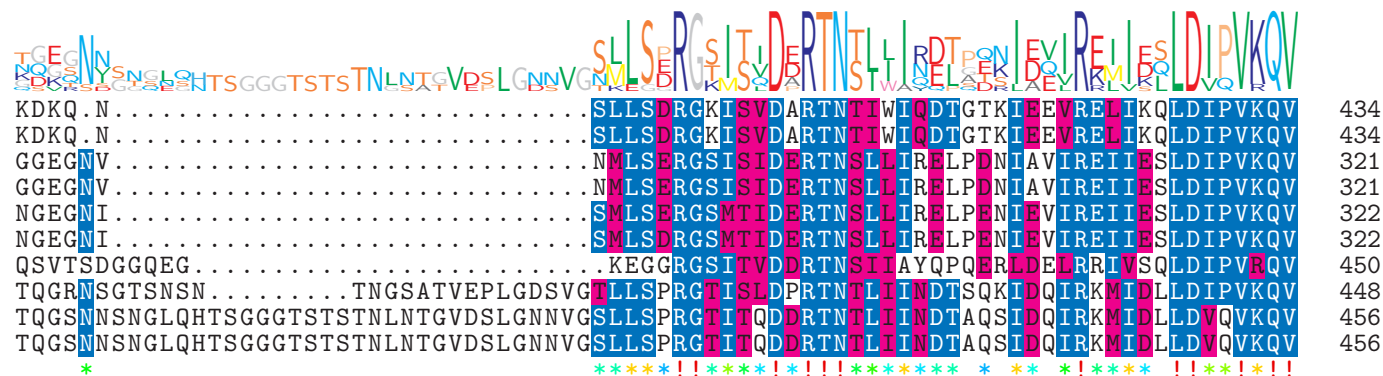


logo

```

NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 168084 AL539 RS10285 WP 165439071.1
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 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
consensus

```



logo

NTDB id 1257 GC085 RS04855 WP 163621000.1	LIEARIVEVT	KDFSQDIGIRWGVSRP	THL.....SGTLEGA.....NELARGT	A.....PANVVPLERR	LNLDLAA	495		
NTDB id 1284 ACE17W RS12370 WP 010946666.1	LIEARIVEVT	KDFSQDIGIRWGVSRP	THL.....SGTLEGA.....NELARGT	A.....PANVVPLERR	LNLDLAA	495		
NTDB id 1186 GTF74 RS01320 WP 000788426.1	QIEARIVT	VKEGNLEELGVRWGV	MS	TNGSHS...VGGSIENLWQKGLLAD.....DEFP	VDEFLNVNLAS	384		
NTDB id 1175 A1552VC RS12105 WP 000788426.1	QIEARIVT	VKEGNLEELGVRWGV	MS	TNGSHS...VGGSIENLWQKGLLAD.....DEFP	VDEFLNVNLAS	384		
NTDB id 168084 AL539 RS10285 WP 165439071.1	QIEARIVT	INEGNMDELGIRWGF	TSING	SNT...VGGSIENNLLATIGLYNGEGDDDG	DADGVGIDDFLNVNLAA	394		
NTDB id 1408 DSB67 RS13980 WP 010643500.1	QIEARIVT	INEGNMDELGVRWGF	TSING	SHT...VGGSIENNLLATIGLYDGGEGDDG	G.SSVGIDDFLNVNLAA	393		
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MIEARIVEANV	GYDKSLGVRWGGAYHKGNW	SG...YGKDGN.IGIKDEDEGMNCGPI	AGSCTFPTTGT	SKSPSPFVDLGA	525		
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MIEARIVRA	TTSFSKEMGVK	WILS	QGINQNSNLLVGGSETTLWNLRNP	...SN....GTYTI...ERP	DNLNVDLGV	517	
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MVEARIVRA	STSF	TKELGVK	WILS	QGITNNNNLLVGGSETTLWNLRNP	...KDETTGGYKYTI...ERP	DNLNVDLGV	530
NTDB id 1039 HON27 RS01460 WP 031993779.1	MVEARIVRA	STSF	TKELGVK	WILS	QGITNNNNLLVGGSETTLWNLRNP	...KDETTGGYKYTI...ERP	DNLNVDLGV	530
consensus	*****	*****	*****	*****	*****	*****	*****	*****

logo

NTDB id 1257 GC085 RS04855 WP 163621000.1	VPLTGATPASVGI	ALAKLNDNILLDLELSA	LESEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...TAVAFK	572
NTDB id 1284 ACE17W RS12370 WP 010946666.1	APLTGATPASVGI	ALAKLNDNILLDLELSA	LESEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...TAVAFK	572
NTDB id 1186 GTF74 RS01320 WP 000788426.1	...TSANASSIAFQ	VAKLGSGTLLDLELSA	LQNESKAEI	ISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...STVAFK	458
NTDB id 1175 A1552VC RS12105 WP 000788426.1	...TSANASSIAFQ	VAKLGSGTLLDLELSA	LQNESKAEI	ISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...STVAFK	458
NTDB id 168084 AL539 RS10285 WP 165439071.1	...TSPNATSLAFQ	VAKLGSDTLLDLELSA	LQNESKAEI	ISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...TTVTFK	468
NTDB id 1408 DSB67 RS13980 WP 010643500.1	...TSPNATSLAFQ	VAKLGSDTLLDLELSA	LQNESKAEI	ISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...TSVTFK	467
NTDB id 1193 PAKAF RS26665 WP 003161249.1	...KDA.TSGIGIGFI.T.DN	ILDLQLSAMEKTGN	GEIVSQPKVVTSDKETAKILK	GEVVPYQEASSGA...TS	596
NTDB id 1009 ACIAD RS15175 WP 004923730.1	...TTTGASSIAFGLISL	.SDFMLDLELSA	LQADGYGEVISTPKVMTADKQ	TAKVATGQVVPYQSTTNSAAGSTATT	593
NTDB id 1052 ABD1 RS15850 WP 001017033.1	...SNP.AGSIAFGLISM	.SDFMLDLELSA	LQADGYGEVISTPKVMTADKQ	TAKVATGQVVPYQSTTNSAAGSTATT	605
NTDB id 1039 HON27 RS01460 WP 031993779.1	...SNP.AGSIAFGLISM	.SDFMLDLELSA	LQADGYGEVISTPKVMTADKQ	TAKVATGQVVPYQSTTNSAAGSTATT	605
consensus	*****	*****	*****	*****	

logo

NTDB id 1257 GC085 RS04855 WP 163621000.1	KAVLSLKVTPQITPDG	KILMDLQINQDTPSPQT	.FLGV...AIITKEIQTNVLV	NNGQTI	VLGGIYKQDKNKVINRIPF	648
NTDB id 1284 ACE17W RS12370 WP 010946666.1	KAVLSLKVTPQITPDG	KILMDLQINQDTPSPQT	.FLGV...AIITKEIQTNVLV	NNGQTI	VLGGIYKQDKNKVINRIPF	648
NTDB id 1186 GTF74 RS01320 WP 000788426.1	KAVLSLKVTPQITPDNRLVLDLS	VTQDRRG	ETV.KTGTGEAVSIDTQRIGTQVLV	NNGETVVLGGIFQHSINNSVDKVPL		537
NTDB id 1175 A1552VC RS12105 WP 000788426.1	KAVLSLKVTPQITPDNRLVLDLS	VTQDRRG	ETV.KTGTGEAVSIDTQRIGTQVLV	NNGETVVLGGIFQHSINNSVDKVPL		537
NTDB id 168084 AL539 RS10285 WP 165439071.1	KAVLSLKVTPQITPDNRLVLDLS	VTQDRPGQV	V.KTGTGEAVSIDTQRIGTQVLV	NNGETVVLGGIFQHSITNSVDKVPL		547
NTDB id 1408 DSB67 RS13980 WP 010643500.1	KAVLSLKVTPQITPDNRLVLDLS	VTQDRPGQV	V.KTGTGEAVSIDTQRIGTQVLV	NNGETVVLGGIFQHSITNSVDKVPL		546
NTDB id 1193 PAKAF RS26665 WP 003161249.1	EALSLLEVTPQITPDNRIIVEVKV	TKDAPDYQNMLNGVP...PINKNEVN	AKILVNDGETIVIGGVFSNEQSKSV	EKVPF		673
NTDB id 1009 ACIAD RS15175 WP 004923730.1	EALSLLEVTPNITPDGKILMELN	IANDSINS.YAQN	GEA...ILNKNTINTNVLV	NNGETVVLGGVFEQTTNNAVTKVPF		669
NTDB id 1052 ABD1 RS15850 WP 001017033.1	DALLSLNVTPSITPDGKI	QMKLDISKDSVAG.AAPNGEL...ILNKNN	INTNVLV	NDGETVILGGVFEQTTMNSQTKVPF		681
NTDB id 1039 HON27 RS01460 WP 031993779.1	DALLSLNVTPSITPDGKI	QMKLDISKDSVAG.AAPNGEL...ILNKNN	INTNVLV	NDGETVILGGVFEQTTMNSQTKVPF		681
consensus	*****	*****	*****	*****	*****	

logo



non conserved
 similar
 ≥ 50% conserved