

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 407063 GPY00 RS07655 WP 187386856.1		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	MKQIIRQFSIGTVAYAIMQVSAQVAITNVVPMNIPGGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLA..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	* * * * *	

logo

NTDB id 1284 ACE17W RS12370 WP 010946666.1	STIITYTNEASVDVSDDDRRRLIYNKNGLSYTRVAGNLTWNLVYNLSSKQTSNHLCS	145
NTDB id 1257 GC085 RS04855 WP 163621000.1	KTKTIIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDLFENSK.....EVFITINQV	145
NTDB id 407063 GPY00 RS07655 WP 187386856.1	KTKTIIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSK.....EVFITINQV	32
NTDB id 1186 GTF74 RS01320 WP 000788426.1	MKNGLKTY..VAQTLWTLWVG....FALCAS.....SMVFS.AE	32
NTDB id 1175 A1552VC RS12105 WP 000788426.1	MKNGLKTY..VAQTLWTLWVG....LALCAS.....SMVFS.AE	32
NTDB id 1408 DSB67 RS13980 WP 010643500.1	MKMRHGLTLTPRKLTGLFSLWFS....LLLAP.....FVA.AE	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	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 1257 GC085 RS04855 WP 163621000.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB id 407063 GPY00 RS07655 WP 187386856.1	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	EVQSNLSKSIDFRTNKDKDAVIVVELVSPAAIVDIKRVQEGLSIDLNTSVKDDQLYLLDVKDFSTVVESVEVFRD TSTT	113
NTDB id 1193 PAKAF RS26665 WP 003161249.1	VPAGRAIRNIDFQRGEKGENVVIDLSDPTLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRT	236
NTDB id 1009 ACIAD RS15175 WP 004923730.1	PAPQGGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQQGSKVVRFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSNG	218
NTDB id 1039 HON27 RS01460 WP 031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
NTDB id 1052 ABD1 RS15850 WP 001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG	217
consensus	* * * * *	

logo

```

NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 407063 GPY00 RS07655 WP 187386856.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
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 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

```



logo

```

NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 407063 GPY00 RS07655 WP 187386856.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
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 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

```

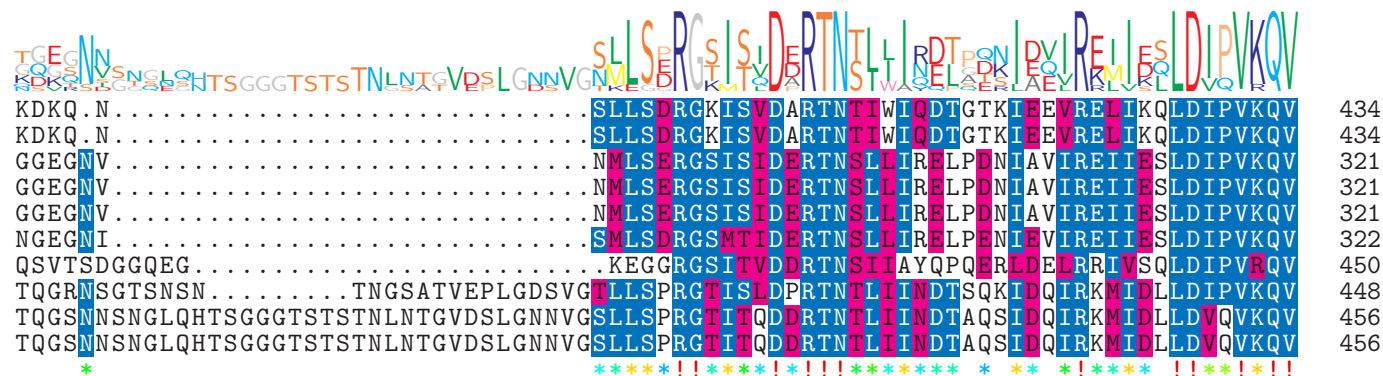


logo

```

NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 407063 GPY00 RS07655 WP 187386856.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
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 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
consensus

```



NTDB id	1284 ACE17W RS12370 WP 010946666.1	LIEARIVEVTKDFSQDIGIRWGVSRPTH.....LSGTLEGA.....NELARG.TAPANVVPL.....ERRNLNLDLAA	495
NTDB id	1257 GCO85 RS04855 WP 163621000.1	LIEARIVEVTKDFSQDIGIRWGVSRPTH.....LSGTLEGA.....NELARG.TAPANVVPL.....ERRNLNLDLAA	495
NTDB id	407063 GPY00 RS07655 WP 187386856.1	QIEARIVTVKECNLDELGVRWGVMSTNGSHS...VG GTTIESNLWQQGLLAD.....DEFPV.....DEF LNVNLAS	384
NTDB id	1186 GTF74 RS01320 WP 000788426.1	QIEARIVTVKECNLDELGVRWGVMSTNGSHS...VG GSIESNLWQKGLLAD.....DEFPV.....DEF LNVNLAS	384
NTDB id	1175 A1552VC RS12105 WP 000788426.1	QIEARIVTVKECNLELGVRWGVMSTNGSHS...VG GSIESNLWQKGLLAD.....DEFPV.....DEF LNVNLAS	384
NTDB id	1408 DSB67 RS13980 WP 010643500.1	QIEARIVTINEGNMDELGVRWGFSTSINGSHT...VG GSIENTNLATIGLYDGGEG.DDGGS SVGI.....DDFL NVNLAA	393
NTDB id	1193 PAKAF RS26665 WP 003161249.1	MIEARIVEANVGYDKSLGVRWGGAYHKGNWSG...YGKDGN.IG IKDEDGMNCGP IAGSCTFPTTGTSKSPSPFVDLC	525
NTDB id	1009 ACIAD RS15175 WP 004923730.1	MIEARIVRATTSFSKEMGVKKWILSQGINQNSNLL VGGSETTLWNLRNPD...SN....GTYTTI...ERP DN LNVD LGV	517
NTDB id	1039 HON27 RS01460 WP 031993779.1	MVEARIVRASTSFTELKGWKWILSQGITNNNNLLL VGGSETTLWNLRPK...KD ETTG GKYYTI...ERPD N LNVD LGV	530
NTDB id	1052 ABD1 RS15850 WP 001017033.1	MVEARIVRASTSFTELKGWKWILSQGITNNNNLLL VGGSETTLWNLRPK...KD ETTG GKYYTI...ERPD N LNVD LGV	530
consensus		* * ! ! ! ! ! ! * * * * * * ! ! ! ! ! ! * * * * * * * * * * * * * * * * * *	

NTDB id	1284 ACE17W RS12370 WP 010946666.1	APLTGATPASVGVIALAKLNDNILLDLLELSALSEGRAELISSPRRLITTNQQAIVESGEEIPYQEATSSGA...TAVAFK	572
NTDB id	1257 GC085 RS04855 WP 163621000.1	VPLTGATPASVGVIALAKLNDNILLDLLELSALSEGRAELISSPRRLITTNQQAIVESGEEIPYQEATSSGA...TAVAFK	572
NTDB id	407063 GPY00 RS07655 WP 187386856.1	T...SANASSIAFQVAKLGSGTLDDLLELSALQNESKA EI ISSPRRLITTNKPAYIEQGTEIPYLESSSSGA...STVAFK	458
NTDB id	1186 GTF74 RS01320 WP 000788426.1	T...SANASSIAFQVAKLGSGTLDDLLELSALQNESKA EI ISSPRRLITTNKPAYIEQGTEIPYLESSSSGA...STVAFK	458
NTDB id	1175 A1552VC RS12105 WP 000788426.1	T...SANASSIAFQVAKLGSGTLDDLLELSALQNESKA EI ISSPRRLITTNKPAYIEQGTEIPYLESSSSGA...STVAFK	458
NTDB id	1408 DSB67 RS13980 WP 010643500.1	T...SPMATSI AFQVAKLGSDTLDDLLELSALQQESKA EI ISSPRRLITTNKKPAYIEQGTEIPYLESSSSGA...TSVTFK	467
NTDB id	1193 PAKAF RS26665 WP 003161249.1	K...DA.TSGLIGIF.I.T.DNIILDLQLSAMEKTGNGEIVSQPKVVTSDKETAKILKGSEVPYQEASSSGA...TSTSFK	596
NTDB id	1009 ACIAD RS15175 WP 004923730.1	T...TTGASSIAFG LISLSDFMLDLLELSALQADGYGEVISTPKVM SADKKAK VATGVEVPYQS TTNSAAGSTAT TSFK	593
NTDB id	1039 HON27 RS01460 WP 031993779.1	S...NP.AGSIA FG LISMSDFMLDLLELSALQADGYGEVISTPKVMTADKQTAK VATGQVVPYQS TTNSAAGSTAT TSFK	605
NTDB id	1052 ABD1 RS15850 WP 001017033.1	S...NP.AGSIA FG LISMSDFMLDLLELSALQADGYGEVISTPKVMTADKQTAK VATGQVVPYQS TTNSAAGSTAT TSFK	605
consensus		* * * * *	

[illegible]

logo



☐ non conserved
☒ similar
☒ ≥ 50% conserved