

logo

NTDB id 1284 ACE17W RS12370 WP 010946666.1	MRKIIAILIL..ISASLSMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 1257 GCO85 RS04855 WP 163621000.1	MRKIIAILIL..ISASLSLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ	78
NTDB id 121951 EN18 RS10315 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	MNSGLSRLGIALLA..MFAPALLAADLEKLDVAALPGDRVELKQLQFDEPVA..APRGYTIEQPARIALDLPGVQNKIG..T	76
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQTIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLA..K	77
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQQGLK..Q	77
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQQGLK..Q	77
consensus	* * * * * * * * * * * * * * *	

logo

NTDB id 1284 ACE17W RS12370 WP 010946666.1	KTKTKIQLGSLHSYNIIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDLFENSKE.....VFITINQV	145
NTDB id 1257 GCO85 RS04855 WP 163621000.1	KTKTKIQLGSLHSYNIIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSKE.....VFITINQV	145
NTDB id 121951 EN18 RS10315 WP 000788426.1	MKNGLKT..YVAQTLWLTWVG.....LALCASS.....MVFSA.E	32
NTDB id 1186 GTF74 RS01320 WP 000788426.1	MKNGLKT..YVAQTLWLTWVG.....LALCASS.....MVFSA.E	32
NTDB id 1175 A1552VC RS12105 WP 000788426.1	MKNGLKT..YVAQTLWLTWVG.....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	KNREL SVGNTRSVTVVEAKDRTRLIINLTTLSSYTTTRVEGNNLFFVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY	156
NTDB id 1009 ACIAD RS15175 WP 004923730.1	SLIPVTTNEASSIDVSSDDKRARVVVNLKDAAGFTTRVEGNVFILKINNIQSTAT.....PVAT..SA.....	138
NTDB id 1039 HON27 RS01460 WP 031993779.1	SKISVATNEASSVDVTSDDQRSRLTVNLKDDTGAFTTRVEGNTFILKINSAQTSNK.....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	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLN	TKIPLNLMKRYDVSDFHSVPVQIITMQEGKKV	225
NTDB id	1257	GCO85	RS04855	WP	163621000.1	VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLN	TKIPLNLMKRYDVSDFHSVPVQIITMQEGKKV	225
NTDB id	121951	EN18	RS10315	WP	000788426.1	SATANQLENIDFRVNKEKA A VLIVELASPSAVVDVQKVQEGLSIELLKTDVADDDKLYLLDVKDFS	TPVESVEVFRKEPST	112
NTDB id	1186	GTF74	RS01320	WP	000788426.1	SATANQLENIDFRVNKEKA A VLIVELASPSAVVDVQKVQEGLSIELLKTDVADDDKLYLLDVKDFS	TPVESVEVFRKEPST	112
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	SATANQLENIDFRVNKEKA A VLIVELASPSAVVDVQKVQEGLSIELLKTDVADDDKLYLLDVKDFS	TPVESVEVFRKEPST	112
NTDB id	1408	DSB67	RS13980	WP	010643500.1	EVQSNSLKSIDFRTNKD KD AVIVVELVSPAAIVDTKR V QEGLSIDLNTSVKDDQLYLLDVKDFS	TVVESVEVFRDTSTT	113
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	VPAGRAIRNIDFQRGEKGEGNVV I DLSDPTLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRT	236	
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	PAPQQGIGNIGFQRGAQGEGLVV I D L QGTNTPV D VQ Q GSKVVRFPGIKIP H LARRLNTTDFATPVASIDSYNDGSGNG	218	
NTDB id	1039	HON27	RS01460	WP	031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPV D VQ Q GSKV V IRTIGTKIP H LARRLNVNDFATPVSSIDAYNDKGVG	217	
NTDB id	1052	ABD1	RS15850	WP	001017033.1	.AQPGQVSNIGFQRGSQGEGLVVVDLLGSNTPV D VQ Q GSKV V IRTIGTKIP H LARRLNVNDFATPVSSIDAYNDKGVG	217	
consensus						 * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *		

logo

```

NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 121951 EN18 RS10315 WP 000788426.1
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 121951 EN18 RS10315 WP 000788426.1
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

```

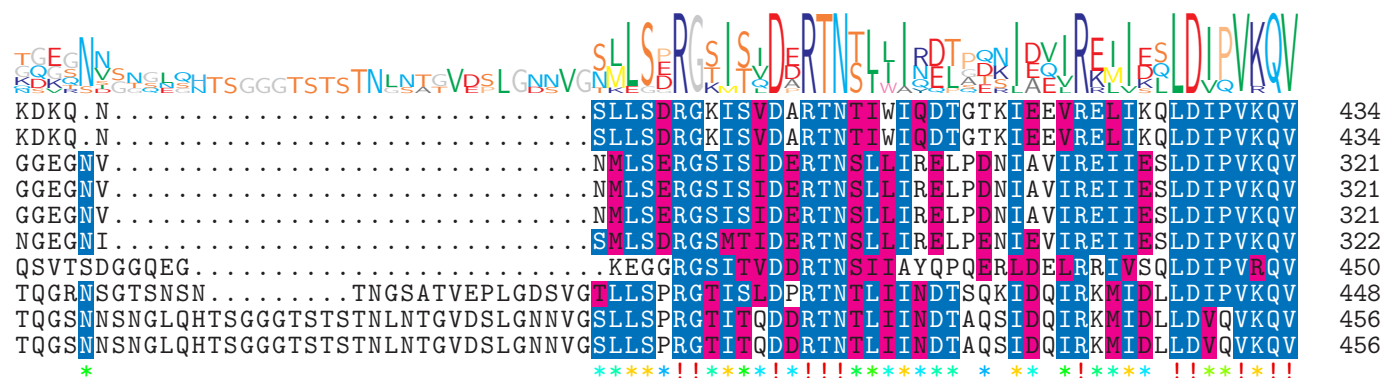


logo

```

NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 121951 EN18 RS10315 WP 000788426.1
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
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 121951 EN18 RS10315 WP 000788426.1
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
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 121951 EN18 RS10315 WP 000788426.1
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
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 121951 EN18 RS10315 WP 000788426.1
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



☐ non conserved
☒ similar
☒ ≥ 50% conserved