

logo

NTDB id 1381 A4U84 RS02010 WP 021113424.1	MNSGLSRLGIALLAAMFAPALLAADLEKLDVAALPGDRVELKLQFDEPVAAPRGYTIEQPARIALDLPGVQNKLGTKNRE	0
NTDB id 1347 HI 0435 AAC22094.1	.....	0
NTDB id 1373 NTHI RS02645 WP 011272046.1	.....	0
NTDB id 1193 PA5040 NP 253727.1	MNSGLSRLGIALLAAMFAPALLAADLEKLDVAALPGDRVELKLQFDEPVAAPRGYTIEQPARIALDLPGVQNKLGTKNRE	80
NTDB id 99740 AL515 RS22795 WP 061068728.1	.....	0
NTDB id 1433 BW25113 RS17570 WP 000815987.1	.....	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
consensus		

logo

NTDB id 1381 A4U84 RS02010 WP 021113424.1	LSVGNTRSVTVVEAKDRTRLIINLTALSSYTTRVEGNNLFVVVGNSPAGASVASAAPVKASPAPASYAQPIKPKPYVPAG	0
NTDB id 1347 HI 0435 AAC22094.1	.....	0
NTDB id 1373 NTHI RS02645 WP 011272046.1	.....	0
NTDB id 1193 PA5040 NP 253727.1	LSVGNTRSVTVVEAKDRTRLIINLTALSSYTTRVEGNNLFVVVGNSPAGASVASAAPVKASPAPASYAQPIKPKPYVPAG	160
NTDB id 99740 AL515 RS22795 WP 061068728.1	.....	0
NTDB id 1433 BW25113 RS17570 WP 000815987.1	.....	0
NTDB id 1186 GTF74 RS01320 WP 000788426.1	MKNGLKT..YVAQTW.....LTLWVGLALCA.....SS....MVFSAESATA	36
NTDB id 1175 A1552VC RS12105 WP 000788426.1	MKNGLKT..YVAQTW.....LTLWVGLALCA.....SS....MVFSAESATA	36
NTDB id 1408 DSB67 RS13980 WP 010643500.1	MKMRHGLTLTPRKLTGL.....FSLWFSLLLAP.....FVAEEVQS	37
consensus		

logo

NTDB id 1381 A4U84 RS02010 WP 021113424.1	NQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVV	0
NTDB id 1347 HI 0435 AAC22094.1	.....	0
NTDB id 1373 NTHI RS02645 WP 011272046.1	.....	0
NTDB id 1193 PA5040 NP 253727.1	RAIRNIDFQRGEKGEGNVVIDLSDPTLSPDIQEQQGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRTSITI	240
NTDB id 99740 AL515 RS22795 WP 061068728.1	.....	0
NTDB id 1433 BW25113 RS17570 WP 000815987.1	.....	0
NTDB id 1186 GTF74 RS01320 WP 000788426.1	NQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVV	116
NTDB id 1175 A1552VC RS12105 WP 000788426.1	NQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVV	116
NTDB id 1408 DSB67 RS13980 WP 010643500.1	NSLKSIDFRTNKDKDAVIVVELVSPAAIVDIKRVQEGLSIDLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSITRLVA	117
consensus		

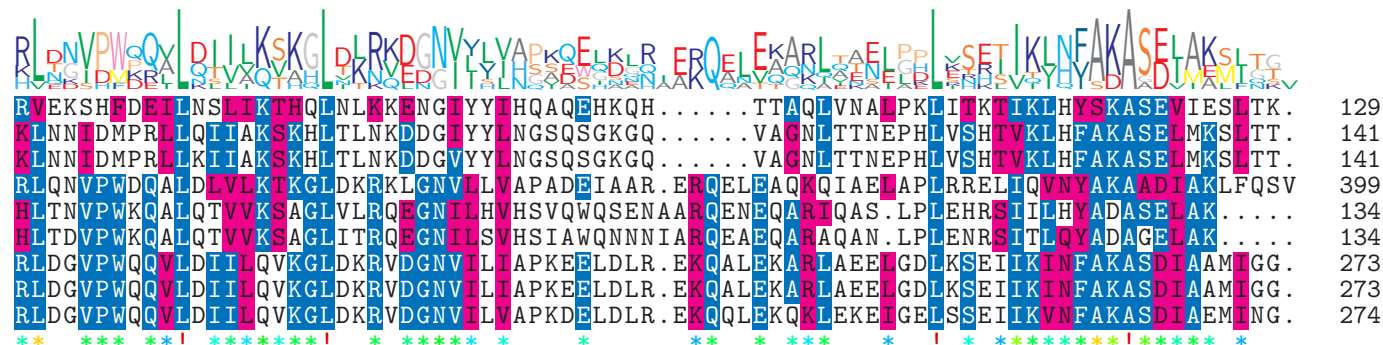
logo

NTDB id 1381 A4U84 RS02010 WP 021113424.1	MRYLFLFFAT.....FPVLANQQISLSIRNAPTAEITISYLAETGKNITISDEIKDTKNF	56
NTDB id 1347 HI 0435 AAC22094.1	MKKYFLKCGYFLVCFCLPLIV.....FANPKTDNERFFIRLSQAPLAQTLEQLAFQQDVNLVIGDILENKISL	68
NTDB id 1373 NTHI RS02645 WP 011272046.1	MKKYFLKCGYFLVCFCLPLIV.....FANPKTDNECFFIRLSQAPLAQTLEQLAFQQDVNLVIGDILENKISL	68
NTDB id 1193 PA5040 NP 253727.1	EPSPGLYDYL VYQTDNR LTVS IKPMTTEDAERRKKDNFAYTGEKLSLNFQDIDIVRSVLQLIADFTDLNLVASDTPVQGNITL	320
NTDB id 99740 AL515 RS22795 WP 061068728.1	MKRWIVIVL.MTV.....IPSVLAGKAQNVTLVDDVPVQVLQALAVQEKKNLVSPDVSQVLSL	60
NTDB id 1433 BW25113 RS17570 WP 000815987.1	MKQWIAALL.LML.....IPGVQAAPKPKVTLMDVDVPVQAQVLQALAEQEKLNLVSPDVSQVLSL	60
NTDB id 1186 GTF74 RS01320 WP 000788426.1	TVDGEFQHDYTLKGKYLEVVI.SKLKADEKPKPKSVLEKEGKLISINFQDIPVRNVLQLIADYNGFNLVSDSVVGNLTL	195
NTDB id 1175 A1552VC RS12105 WP 000788426.1	TVDGEFQHDYTLKGKYLEVVI.SKLKADEKPKPKSVLEKEGKLISINFQDIPVRNVLQLIADYNGFNLVSDSVVGNLTL	195
NTDB id 1408 DSB67 RS13980 WP 010643500.1	YIDEDYSHDYRLTGKYLEVVKV.GK LKANEKAPDKS ILDKEGKLISINFQDIPVRNVLQLIADYNGFNLVSDSVVGNLTL	196
consensus	MRYLFLFFAT.....FPVLANQQISLSIRNAPTAEITISYLAETGKNITISDEIKDTKNF	

```

NTDB id 1381 A4U84 RS02010 WP 021113424.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 1193 PA5040 NP 253727.1
NTDB id 99740 AL515 RS22795 WP 061068728.1
NTDB id 1433 BW25113 RS17570 WP 000815987.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
consensus

```



```

NTDB id 1381 A4U84 RS02010 WP 021113424.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 1193 PA5040 NP 253727.1
NTDB id 99740 AL515 RS22795 WP 061068728.1
NTDB id 1433 BW25113 RS17570 WP 000815987.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
consensus

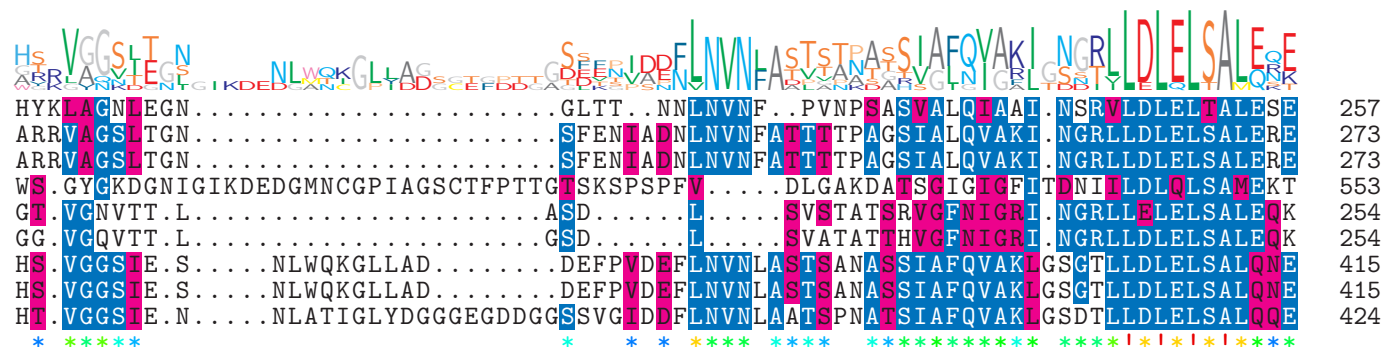
```



```

NTDB id 1381 A4U84 RS02010 WP 021113424.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 1193 PA5040 NP 253727.1
NTDB id 99740 AL515 RS22795 WP 061068728.1
NTDB id 1433 BW25113 RS17570 WP 000815987.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
consensus

```



```

NTDB id 1381 A4U84 RS02010 WP 021113424.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 1193 PA5040 NP 253727.1
NTDB id 99740 AL515 RS22795 WP 061068728.1
NTDB id 1433 BW25113 RS17570 WP 000815987.1
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
consensus

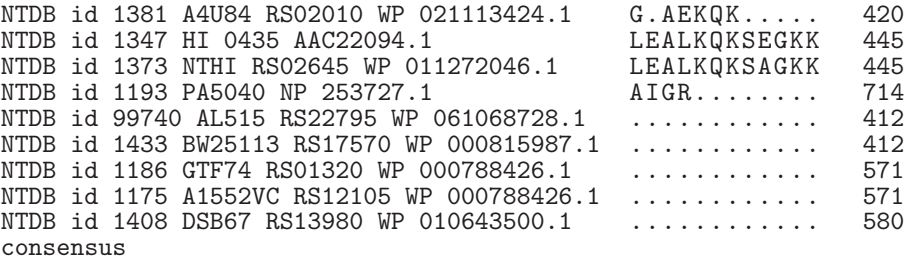
```



logo



logo



ⓧ non conserved
ⓧ similar
ⓧ ≥ 50% conserved