

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	...MEINQYLDGMIITHKASDLYITVGA	15
NTDB id 1203 PSJM300 01605 AFN76401.1	...MEFEKLLRLMVEKGGSDLFITAGVPP	16
NTDB id 1019 ACIAD RS04205 WP 004922051.1	...MDFNDLLNLMAKHKASDLFITAGVPS	17
NTDB id 991405 AAH454 RS03725 WP 032421827.1	...MKLEEIVALSVKHNVSDLHLCSAAPRW	18
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDITLAAGL	19
NTDB id 1086 NMV RS00245 WP 002218487.1	...MQITDLLAFGAKNKASDLHLSSGISP	20
NTDB id 1116 NGFG RS10615 WP 003690200.1	...MQITDLLAFGAKNKASDLHLSSGISP	21
NTDB id 1185 GTF74 RS11940 WP 000350195.1	...MDIAELLEFSVKHNASDLHLSACVPP	22
NTDB id 1176 A1552VC RS01160 WP 000350195.1	...MDIAELLEFSVKHNASDLHLSACVPP	23
NTDB id 1283 ACE17W RS02630 WP 010947729.1	...MDIAELLEFSVKHNASDLHLSACVPP	24
NTDB id 1259 GC085 RS10305 WP 010947729.1	...MDIAELLEFSVKHNASDLHLSACVPP	25
NTDB id 1202 PSJM300 01600 AFN76400.1	...MDITELLAFSAKQGASDLHLSSCLPP	26
NTDB id 1194 PAKAF RS01995 WP 003084552.1	...MDITELLAFSAKQGASDLHLSSCLPP	27
NTDB id 1020 ACIAD RS04210 WP 011182164.1	...MDITELLAFSVQNRASDLHLSACIPPM	28
NTDB id 1060 ABD1 RS04380 WP 000355489.1	...MDITELLAFSVKNGASDLHLSACMPP	29
NTDB id 1040 HON27 RS13360 WP 000355489.1	...MDITELLAFSVKNGASDLHLSACMPP	30
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	...MDITELLAFSVKNGASDLHLSACMPP	31
consensus	*** ***** *!*****!***** * *	32

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	..SQRFRVSAFFQRELP	153
NTDB id 1203 PSJM300 01605 AFN76401.1	G..IGRFRVSAFYQRNL	154
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNERFRVSAFQRDMP	155
NTDB id 991405 AAH454 RS03725 WP 032421827.1	C..GARLRASAFAHTR	156
NTDB id 1307 DR RS10055 WP 010888596.1	D..KARFRVNAFMQRGN	157
NTDB id 1086 NMV RS00245 WP 002218487.1	N..VARFRVNAFNIGRGP	158
NTDB id 1116 NGFG RS10615 WP 003690200.1	N..VARFRVNAFNTGRGP	159
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N..VGRFRVNAFHQARG	160
NTDB id 1176 A1552VC RS01160 WP 000350195.1	N..VGRFRVNAFHQARG	161
NTDB id 1283 ACE17W RS02630 WP 010947729.1	N..LARFRVNAFNQSRGA	162
NTDB id 1259 GC085 RS10305 WP 010947729.1	N..LARFRVNAFNQSRGA	163
NTDB id 1202 PSJM300 01600 AFN76400.1	G..VARFRVNAFNQNRGA	164
NTDB id 1194 PAKAF RS01995 WP 003084552.1	G..VARFRVNAFNQNRGA	165
NTDB id 1020 ACIAD RS04210 WP 011182164.1	N..VARFRVNAFNQNRGA	166
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N..VARFRVNAFNQNRGA	167
NTDB id 1040 HON27 RS13360 WP 000355489.1	N..VARFRVNAFNQNRGA	168
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N..VARFRVNAFNQNRGA	169
consensus	* *!***** * * *!*****!***** * *	170

```

NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 991405 AAH454 RS03725 WP 032421827.1
NTDB id 1307 DR RS10055 WP 010888596.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1202 PSJM300 01600 AFN76400.1
NTDB id 1194 PAKAF RS01995 WP 003084552.1
NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
consensus

```



logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVDDKISEQDALHSADSANDLRLMLKTKR.GDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSE.TDGEHLTSVS.QGLTL.....EMSDDDPGRSFR....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSE.EANKPLDNRERMSEMER.....KMTFDGQRRNLK....	383
NTDB id 991405 AAH454 RS03725 WP 032421827.1	TFTQSFQQRVAACAL.....	326
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLITYDKGLERAIDPKEFARLANDASAGLGG.....ASMTPAAPPVPAYNSASSSSSTGRGGDFGRGAA	394
NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQCLIAPEVARRRAQNSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQCLIAPEAARRRAQNSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLIARCVVDAQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TMEQNAKQLIARCVVDAQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELVNKNTISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GCO85 RS10305 WP 010947729.1	TLDQHLTELVNKNTISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDQSLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDQSLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKGLIAKGLINLPTARAVAKSP.ESF.....	344
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
consensus	!*** * ** **** * *	

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	APATPAAPAAAGRSEPGRAGGFORR	368
NTDB id 1203 PSJM300 01605 AFN76401.1	.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	383
NTDB id 991405 AAH454 RS03725 WP 032421827.1	.....	326
NTDB id 1307 DR RS10055 WP 010888596.1	APATPAAPAAAGRSEPGRAGGFORR	418
NTDB id 1086 NMV RS00245 WP 002218487.1	.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	.....	344
NTDB id 1259 GCO85 RS10305 WP 010947729.1	.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	.....	344
NTDB id 1060 ABD1 RS04380 WP 000355489.1	.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	.....	345
consensus		

- ⓧ non conserved
- ✖ similar
- ⓧ ≥50% conserved