

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLTHKASDLYITVGA	PILYRVDGELRAQGEAL.SVADVTAL	LHHAMDDARQAEEFKQ	TREANFAVVRD	75								
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGV	PPSMKVNGKILPVNKT	TPMSPEMTRET	VHGVMMNEQQRREF	TENHECNFAISAR	76							
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGV	EPSLKLINGEITPVSKTK	LDGDMIAQLIDSITTQKQRQEF	ETHECNFAILNR	76								
NTDB id 43846 STM14 RS16555 WP 001055649.1	MNMEEIVTL	SVKHNVSDLHLCNAWPARWRKQGRMEN...APFTAP	DVDRLLLDWLND	AQQYQWRTHGQLDFAVSL	73								
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDI	ILRLAADKGASDIILAAGLPPQFKLSG	DYDAQGFEL	SASDTRKLMYSMMNERQQRI	FEEREKRELD	80							
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGDMMRINLP	EMSAEEVGNM	VTSMNDHQRKIYQQN	LEVDFS	76							
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGDMMRINLP	EMSAEEVGNM	VTSMNDHQRKIYQQN	LEVDFS	76							
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAG	VPPMVRIDG	EVKLGVP	PAFTHSDVHRLIFEIM	NDAAQRSEYE	76							
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAG	VPPMVRIDG	EVKLGVP	PAFTHSDVHRLIFEIM	NDAAQRSEYE	76							
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFAFSVKNKSSDLHISAG	MPPMIRVDG	DLRKINLP	PPLHKKDVIKI	IYD	76							
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFAFSVKNKSSDLHISAG	MPPMIRVDG	DLRKINLP	PPLHKKDVIKI	IYD	76							
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGGASDLHLSSG	LPPMIRVDG	DVRRINLP	PAMDHKQVHALI	YD	76							
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGGASDLHLSSG	LPPMIRVDG	DVRRINLP	PPLHKKQVHALI	YD	76							
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHLSAG	IPPMIRVDG	EVRRINLP	PAMDHSEVHNLI	YD	76							
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSAG	MPPMIRVDG	EVRRINLP	PALEHKDVHRLV	YD	76							
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSAG	MPPMIRVDG	EVRRINLP	PALEHKDVHRLV	YD	76							
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSAG	MPPMIRVDG	EVRRINLP	PALEHKDVHRLV	YD	76							
consensus	***	*****	*!*****	*****	*****	*	*	*	*	*****	*****	*	*!*****

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	NVARFRVNAF	NQNRGAGAVERT	PSYLT	EDLGLPIFKKIA	RGVLVTGPTGSGKSTTLAAM	LYIN	HYR	HI	153					
NTDB id 1203 PSJM300 01605 AFN76401.1	GIGRFRVSAFYQRNL	AGMVLRR	RIETNIPT	IEDLKL	PDVLKKL	ALTKRGLV	LVFGATGTGKSTSLAAM	IGYRNKNSSGHI	155					
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNERFRVSAFYQR	QDMPG	MVIRRIETKIP	SPDDL	HLPPIL	KELAMSKRGII	IFSGATGTGKSTSLAAM	IQHRNQHSGKHI	156					
NTDB id 43846 STM14 RS16555 WP 001055649.1	GTRRLRASAF	THQQGTSL	LALRL	LPERCP	DLAKITQTP	PIVPALL	ASENGLILVTGATGCGKSTTLAAM	VGYNQHADKHI	152					
NTDB id 1307 DR RS10055 WP 010888596.1	D.KARFRVNAFM	QRGNV	GGVMRLIPT	TVRTIA	EMGLPQT	VIDIANAP	RGLVLVTGPTGSGKSTTLAAM	SMDHINTTKLHI	159					
NTDB id 1086 NMV RS00245 WP 002218487.1	N.VARFRVNAFN	IGRGP	AAVFRTIP	STVLSLEEL	KAPSI	IFQKIAES	PRGMVLVTGPTGSGKSTTLAAM	INYINETQPAHI	155					
NTDB id 1116 NGFG RS10615 WP 003690200.1	N.VARFRVNAFN	TGRGP	AAVFRTIP	STVLSLEEL	KAPSI	IFQKIAES	PRGMVLVTGPTGSGKSTTLAAM	INYINETQPAHI	155					
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N.VGRFRVNAFH	QARGCS	AVFRTIPT	TVIPTLE	QLDAPE	IFSKIANYEK	GLVLVTGPTGSGKSTTLAAM	VNYVNAHNNKHI	155					
NTDB id 1176 A1552VC RS01160 WP 000350195.1	N.VGRFRVNAFH	QARGCS	AVFRTIPT	TVIPTLE	QLDAPE	IFSKIANYEK	GLVLVTGPTGSGKSTTLAAM	VNYVNAHNNKHI	155					
NTDB id 1283 ACE17W RS02630 WP 010947729.1	N.LARFRVNAFN	QSRGA	AAVFRTIP	SEILSMED	LGLPPI	FKEMAS	FSRGLVLVTGPTGSGKSTTLAAM	VIDYINSSRYEHI	155					
NTDB id 1259 GC085 RS10305 WP 010947729.1	N.LARFRVNAFN	QSRGA	AAVFRTIP	SEILSMED	LGLPPI	FKEMAS	FSRGLVLVTGPTGSGKSTTLAAM	VIDYINSSRYEHI	155					
NTDB id 1202 PSJM300 01600 AFN76400.1	G.VARFRVNAFN	QNRGAG	AVFRTIP	SKVLT	MEELG	MGEVFRK	ITDVP	RGLVLVTGPTGSGKSTTLAAM	LDYLNNTKYHHI	155				
NTDB id 1194 PAKAF RS01995 WP 003084552.1	G.VARFRVNAFN	QNRGAG	AVFRTIP	SKVLT	MEELG	MGEVFRK	ITDVP	RGLVLVTGPTGSGKSTTLAAM	LDYLNNTKYHHI	155				
NTDB id 1020 ACIAD RS04210 WP 01182164.1	N.LARFRVN	VFNQNRGAG	AVFRTIP	SKVLT	LEELG	LGLKIF	RDICD	YPRGLVLVTGPTGSGKSTTLAAM	LDYINNHRDYHI	155				
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N.VARFRVNAFN	QNRGAG	AVFRTIP	SKVLT	MEELG	LGLQIF	KDIDC	YPRGIVLVTGPTGSGKSTTLAAM	LDYINENRYDHI	155				
NTDB id 1040 HON27 RS13360 WP 000355489.1	N.VARFRVNAFN	QNRGAG	AVFRTIP	SKVLT	MEELG	LGLQIF	KDIDC	YPRGIVLVTGPTGSGKSTTLAAM	LDYINENRYDHI	155				
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N.VARFRVNAFN	QNRGAG	AVFRTIP	SKVLT	MEELG	LGLQIF	KDIDC	YPRGIVLVTGPTGSGKSTTLAAM	LDYINENRYDHI	155				
consensus	*	***!***	***	*****	*****	***	***	*	*****	*****	*****	***	***	!!


```

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 43846 STM14 RS16555 WP 001055649.1
NTDB id 1307 DR RS10055 WP 01088596.1
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

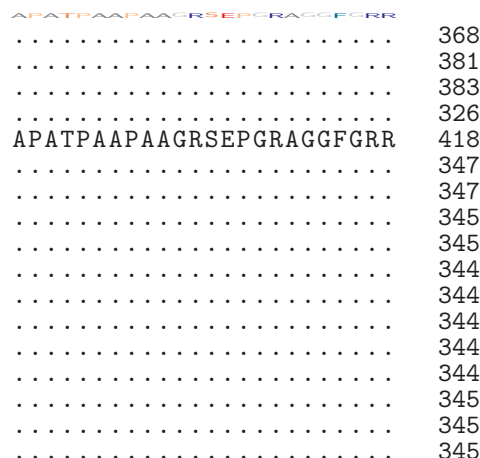
```



```

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 43846 STM14 RS16555 WP 001055649.1
NTDB id 1307 DR RS10055 WP 01088596.1
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

```



-  non conserved
-  similar
-  >50% conserved