

logo

NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKITLPVNKTPMSPEMTRETVHGVMEQQRREFTENHECNFAISAR	76
NTDB id 309245 DZC75 RS00730 WP 116887359.1	MDVTDLLARAVKAGASDLHLAAGELPAWRVDGVLRVALPTLCSDTLEQGLAPWLDADQRRWRRTGDEVDLAVEPP	76
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDDYDAQGFELPSASDTRKLMYSMMNERQQRIFEEKRELDFSFALG	80
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGMRRINLPMSAEVGNMVTSMNDHQKRIYQQNLEVDFSFELP	76
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGMRRINLPMSAEVGNMVTSMNDHQKRIYQQNLEVDFSFELP	76
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLASGVPPMVRIDGEVRKLGVPFATHSDVHRLIFEIMNDAQRSEYEYEKLEVDFSFELP	76
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLASGVPPMVRIDGEVRKLGVPFATHSDVHRLIFEIMNDAQRSEYEYEKLEVDFSFELP	76
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIITYDIMNDRQRKEYEEFFETDFSFEIA	76
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIITYDIMNDRQRKEYEEFFETDFSFEIA	76
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGASDLHLASGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP	76
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGASDLHLSSGLPPMIRVDGDVRRINLPAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP	76
NTDB id 1020 ACIAD RS04210 WP 011182164.1	MDITELLAFSVQNRASDLHLASGLPPMIRVDGEVRRINLPAMDHSEVHNLIYDIMNDKQRDDYEEKLETDFSFEVP	76
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLASGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRDDYEEKLETDFSFEVP	76
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLASGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRDDYEEKLETDFSFEVP	76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLASGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRDDYEEKLETDFSFEVP	76
consensus	*****!***** *!*****!*!*****!***** * * * * *****!***** *! *****	

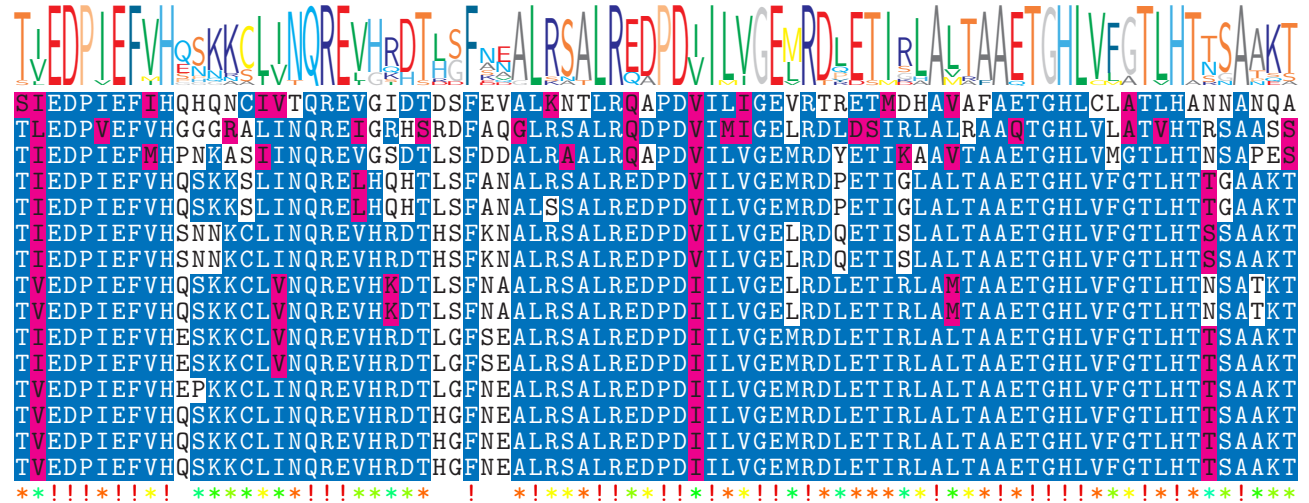
logo

NTDB id 1203 PSJM300 01605 AFN76401.1	GIGRFRVSAFYQRNLACMVLRRRIETINPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMTGYRNKNSSGHIT	156
NTDB id 309245 DZC75 RS00730 WP 116887359.1	GLGRVRLSLFRQYHGLAASRLRIGQAPTVEALELTGVYQALARCRDGLVLVGGATGSGKSSTLAALVAQLGCDRAGHIL	156
NTDB id 1307 DR RS10055 WP 010888596.1	DKARFRVNAFMQRGNVGGVMRLIPTITVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASIDHINTTKLHIL	160
NTDB id 1086 NMV RS00245 WP 002218487.1	NVARFRVNAFNIGRGPAAVFRTIPSTVLSLEELKAPSIQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHIL	156
NTDB id 1116 NGFG RS10615 WP 003690200.1	NVARFRVNAFNTGRGPAVFRTIPSTVLSLEELKAPSIQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHIL	156
NTDB id 1185 GTF74 RS11940 WP 000350195.1	NVGRFRVNAFHQARGCSAVFRTIPTVITPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNVNAHNNKHIL	156
NTDB id 1176 A1552VC RS01160 WP 000350195.1	NVGRFRVNAFHQARGCSAVFRTIPTVITPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNVNAHNNKHIL	156
NTDB id 1283 ACE17W RS02630 WP 010947729.1	NLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHIL	156
NTDB id 1259 GC085 RS10305 WP 010947729.1	NLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHIL	156
NTDB id 1194 PAKAF RS01995 WP 003084552.1	GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMEVFRKVSFVPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHHIL	156
NTDB id 1202 PSJM300 01600 AFN76400.1	GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVPRLVLVTGPTGSGKSTTLAAMDYLNNTKYHHIL	156
NTDB id 1020 ACIAD RS04210 WP 011182164.1	NLARFRVNVFNQNRGAGAVFRTIPSKVLTLEELGLGKIFRDI CDYPRGLVLVTGPTGSGKSTTLAAMDYINNHRYPHIL	156
NTDB id 1060 ABD1 RS04380 WP 000355489.1	NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDI CDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYPHIL	156
NTDB id 1040 HON27 RS13360 WP 000355489.1	NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDI CDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYPHIL	156
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDI CDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYPHIL	156
consensus	***!*****!***** *****!***** ***** ***** * * * * ***!*****!*****!*****!*****!*****!***** * ! ! *	

```

NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 309245 DZC75 RS00730 WP 116887359.1
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 1194 PKA8F RS01995 WP 003084552.1
NTDB id 1202 PSJM300 01600 AFN76400.1
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

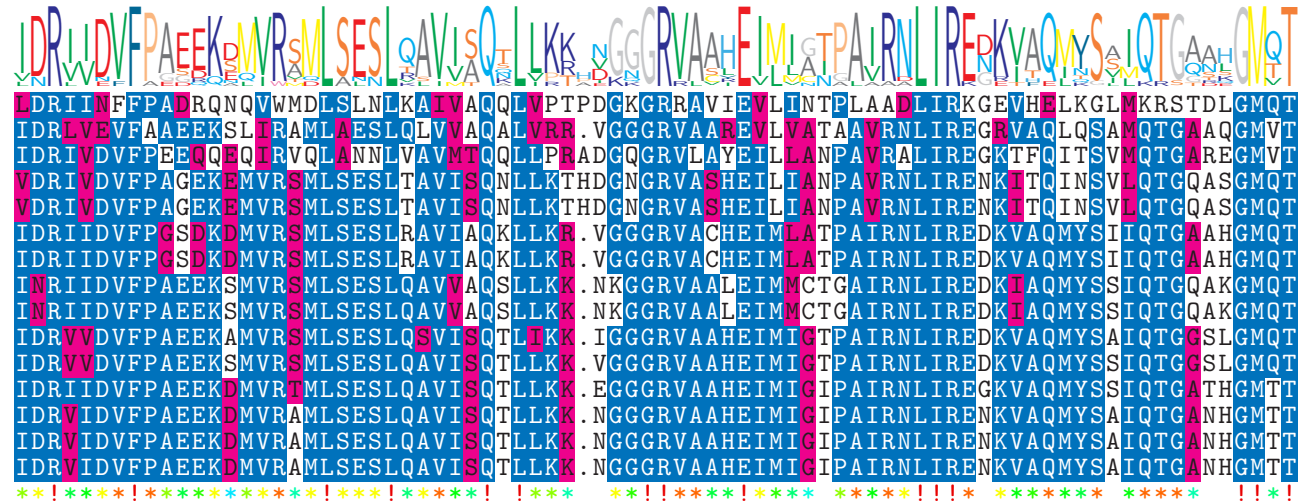
```



```

NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 309245 DZC75 RS00730 WP 116887359.1
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 1194 PAKAF RS01995 WP 003084552.1
NTDB id 1202 PSJM300 01600 AFN76400.1
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 1203 PSJM300 01605 AFN76401.1	FDQALYNLYVQGEITYEDALLHADSSNDLRLMI..KLGSETDGEHLTSVVSQGLTL....EMSDDDPGRSFR.....	381
NTDB id 309245 DZC75 RS00730 WP 116887359.1	MEAAALGRLRARGLIDNLE.....	333
NTDB id 1307 DR RS10055 WP 010888596.1	MDAYLAGLFRHHLITYDKGLERAID.PKEFARLANDASAGLGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAAPATP	399
NTDB id 1086 NMV RS00245 WP 002218487.1	MDQSLQSLVRQGGLIAPEVARRRRAQNSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	MDQSLQSLVRQGGLIAPEAARRRAQNSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LDQHLTELVNKNIISKHTAHEAALN.KSLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	LDQHLTELVNKNIISKHTAHEAALN.KSLF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	LDMLCKGLVAKGLISRENAREKAKI.PENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	LDSCCLKGLIAKGLISRDSAKEKAKQ.PENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	LDQSLKQLLAKGIINLPTARAVAKS.PESF.....	344
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	LDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LDQSLKGLVSRGVISPQTARTAAKQ.PESFL.....	345
consensus	*** * ! * **** * *	

logo

NTDB id 1203 PSJM300 01605 AFN76401.1	.....	381
NTDB id 309245 DZC75 RS00730 WP 116887359.1	.....	333
NTDB id 1307 DR RS10055 WP 010888596.1	AAPAAGRSEPGRAGGFGRR	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 GC085 RS10305 WP 010947729.1	.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	.....	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