

NTDB	id	1307	DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSG DYDAQGFEP LSASDTRKLMYSMMNERQQRI FEEKRELDFSFA LG	80
NTDB	id	1116	NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSGIGSPMIRVHGDMRRINLP EMSAEVGNMVTSVMNDHQ RKIYQQNLEVD FSFELP	76
NTDB	id	1086	NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSGIGSPMIRVHGDMRRINLP EMSAEVGNMVTSVMNDHQ RKIYQQNLEVD FSFELP	76
NTDB	id	1185	GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAFTHS DVHRLIFEIMDAQRSEYE EKKLEVDFS FELP	76
NTDB	id	1176	A152VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAFTHS DVHRLIFEIMDAQRSEYE EKKLEVDFS FELP	76
NTDB	id	1283	ACE17C RS02630 WP 010947729.1	MDIAELLAFSVKNKSSDLHTSAGMPPIRVGDGLRKINLP LPLEHKDVIKIIYDIMNDRQRKE YEEFFETDFS FEIA	76
NTDB	id	1259	GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNKSSDLHTSAGMPPIRVGDGLRKINLP LPLEHKDVIKIIYDIMNDRQRKE YEEFFETDFS FEIA	76
NTDB	id	1194	PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLP LPLEHKQVHALIYDIMNDKQR KDFEETF DFSFEVP	76
NTDB	id	1202	PSJM300 01600 AFN76400.1	MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLP AMDHKQVHALIYDIMNDKQR KDFEETF DFSFEVP	76
NTDB	id	1020	ACIAD RS04210 WP 011182164.1	MDITELLAFSVQNRASDLHLSAGIPPMIRVDGEVRRINLP ALDEHSEVHNLIYDIMNDK QRRDYEEKLET DFSFEVP	76
NTDB	id	1081	FQD49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSAGMPPIRVGDGEVRRINLP ALDEHKDVHRLVYDIMNDK QR RDYEEKLET DFSFEVP	76
NTDB	id	1060	ABD1 RS04380 WP 000354589.1	MDITELLAFSVKNGASDLHLSAGMPPIRVGDGEVRRINLP ALDEHKDVHRLVYDIMNDK QR RDYEEKLET DFSFEVP	76
NTDB	id	1040	HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSAGMPPIRVGDGEVRRINLP ALDEHKDVHRLVYDIMNDK QR RDYEEKLET DFSFEVP	76
NTDB	id	306965	BRN51 RS21785 WP 011407601.1	MDIGYFLKLMTEKNASDMFLTGTGAPVHIKIEGKLYPLGNTGLPPGMVKKIAYS LMDEGQVPQFERELELN IAIALP	76
NTDB	id	1177	A1552VC RS01165 WP 000422572.1	MEINQYLDGMITHKASDLYITTVGAPILYRVGDGLRAQGEAL.SVA DVTALLHAMMDARQA EFKQTREANFA VVRD	75
NTDB	id	1203	PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRET VHGV MNEQQRREFTE NHCECNFAISAR	76
NTDB	id	1019	ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEI TPVSKTCLKDGMIAQLIDS ITTQKQRQE FIETHCECNFA ILNR	76
consensus				* * * * * ! * * * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

[illegible]

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NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLLITYDKCLERAID.PKEF..ARLANDASAGLGG.ASMTPAAPPVPAYNSASSSSSTGRGGDFGRGAAA	395
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGLIAPEAAARRRAQNSESMS..F.....	347
NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGLIAPEVARRRAQNSESMS..F.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALN.KSLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALN.KSLF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDMCLKGLVAKGLISRENAREKAKI.PENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDSCCLKGLIAKGLISRDSAKEKAKQ.PENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKQLLAKGIINLPTARAVAKS.PESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQ.PESF..L.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQ.PESF..L.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQ.PESF..L.....	345
NTDB id 306965 BRN51 RS21785 WP 011407601.1	TFDQCLFRMVKSGEIEQEEALRAADSRDGLALKFRLSEDGSGEHPYADYETPAAP.....KISH....GFI.....	377
NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKID.....ME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTLE.....MSDDDPGRSFR.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEMERK.....MTFDGQRRNLK.....	383
consensus	!*** * ** **** * *	

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NTDB id 1307 DR RS10055 WP 010888596.1	PATPAAPAAGRSEPGRAGGFGRR	418
NTDB id 1116 NGFG RS10615 WP 003690200.1		347
NTDB id 1086 NMV RS00245 WP 002218487.1	.....	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 1081 FDQ49 RS05335 WP 006581387.1	.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	.....	345
NTDB id 306965 BRN51 RS21785 WP 011407601.1	.....	377
NTDB id 1177 A1552VC RS01165 WP 000422572.1	.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	383
consensus		

- ⓧ

 non conserved
- ⓧ

 similar
- ⓧ

 ≥ 50% conserved