

logo

NTDB id 1307 DR RS10055 WP 010888596.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1086 NMV RS00245 WP 002218487.1
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 1081 FDQ49 RS05335 WP 006581387.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1039026 ACCQ23 RS19240 WP 008576907.1
NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1



LTIEDPIEFMHPNKASIIINQREVGS DTL SFDDALRAALRQAPDV ILVGEMRDYETIKA AVTAAETGHLVMGTLHTNSAPE 239
LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALSSALREDPDV ILVGEMRDPETIGLALTA AETGHLVFGTLHTTGA AK 235
LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALRSALREDPDV ILVGEMRDPETIGLALTA AETGHLVFGTLHTTGA AK 235
LTIEDPIEFVHSNKKCLINQREVHRDTHSFKNALRSALREDPDV ILVGE LRDQETISLALTA AETGHLVFGTLHTSSA AK 235
LTIEDPIEFVHSNKKCLINQREVHRDTHSFKNALRSALREDPDV ILVGE LRDQETISLALTA AETGHLVFGTLHTSSA AK 235
LTVEDPIEFVHQSKKCLV NQREVHKDTLSFNALRSALREDPDI ILVGE LRDLETIRLAMTAA ETGHLVFGTLHTNSATK 235
LTVEDPIEFVHQSKKCLV NQREVHKDTLSFNALRSALREDPDI ILVGE LRDLETIRLAMTAA ETGHLVFGTLHTNSATK 235
LTIEDPIEFVHESKKCLV NQREVHRDTLGFSEALRSALREDPDI ILVGE MRDLETIRLALTA AETGHLVFGTLHTTSA AK 235
LTIEDPIEFVHESKKCLV NQREVHRDTLGFSEALRSALREDPDI ILVGE MRDLETIRLALTA AETGHLVFGTLHTTSA AK 235
LTVEDPIEFVHEPKKCLINQREVHRDTLGFNEALRSALREDPDI ILVGE MRDLETIRLALTA AETGHLVFGTLHTTSA AK 235
LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDI ILVGE MRDLETIRLALTA AETGHLVFGTLHTTSA AK 235
LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDI ILVGE MRDLETIRLALTA AETGHLVFGTLHTTSA AK 235
LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDI ILVGE MRDLETIRLALTA AETGHLVFGTLHTTSA AK 235
LTIEDPIEYLHKHMSIVNQREVGLDTHAFQSALKNAMREAPDV ILIGEILDA ETMEAATAFA ETGHLCLATLH SNNADQ 235
LTVEDPIEFVHEHKRCIVTQREVGLDTESYEV ALKNSLRQAPDMILIGEIR SRETMEYAMTFA ETGHLCMATLHANNANQ 233
ISIEDPIEFTHQHQN CIVTQREVGIDTDSFEVALKNTLRQAPDV ILIGEVRTRETMDH AVAFA ETGHLCLATLHANNANQ 235
ITIEDPIEFTHHEHAGCIITQREVGIDTDSFEVALKNTLRQAPDV ILIGEIR SREVM DYALAF AETGHLVFATLHANNANQ 236

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NTDB id 1019 ACIAD RS04205 WP 004922051.1



SIDRIVDVFPPEEQEQRVQLANNLVAVMTQQLLPRADGQGRVLA YEITLANPAVRALIREGKTFQITSVMQTGAREGMV 319
TVDRIVDVFPAGEKEMVRSMLSESLTAVISQNLKTHDGNR VASHEILIANPAVRNLIRENKITIQINSVLQTGQASGMQ 315
TVDRIVDVFPAGEKEMVRSMLSESLTAVISQNLKTHDGNR VASHEILIANPAVRNLIRENKITIQINSVLQTGQASGMQ 315
TIDRIIDVFPQSDKDMVRSMLSESLRAVIAQKLLKR. VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGA AHGMQ 314
TIDRIIDVFPQSDKDMVRSMLSESLRAVIAQKLLKR. VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGA AHGMQ 314
TINRIIDVFPAAEKSMVRSMLSESLQAVVAQSLLKK. NKGGRVA AEIIMMCTGAIRNLIREDKIAQMYSIIQTGQAKGMQ 314
TINRIIDVFPAAEKSMVRSMLSESLQAVVAQSLLKK. NKGGRVA AEIIMMCTGAIRNLIREDKIAQMYSIIQTGQAKGMQ 314
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TIDRVVDVFPAAEKSMVRSMLSESLQAVISQTLKK. VGGGRVA AEHEIMIGTPAIRNLIREDKVAQMYSIIQTGGS LGMQ 314
TIDRIIDVFPAAEKDMVRTMLSESLQAVISQTLKK. EGGGRVA AEHEIMIGTPAIRNLIREGKVAQMYSIIQTGATHGMT 314
TIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLKK. NKGGRVA AEHEIMIGTPAIRNLIRENKVAQMYSIIQTGANHGMT 314
TIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLKK. NKGGRVA AEHEIMIGTPAIRNLIRENKVAQMYSIIQTGANHGMT 314
TIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLKK. NKGGRVA AEHEIMIGTPAIRNLIRENKVAQMYSIIQTGANHGMT 314
TIERILNFFPESAHKNVLMNLLALNLRVVSQRLLVKGVDGRR. RPATEVLLINTPMIRDL LRRGQVHEVKAAMEESLEEGMQ 314
ALERILHLVPKEQREQLLLDLSLNLKGVIAQQLLRDKNKGRHG VFEVLLNSPRIADLIRRGELHELKATMARSQEVGMQ 313
ALDRIINFFPADRQNVWMDLSLNLKAVIAQQLVPTPDGKGRRAVIEV LINTPLAADLIRKGEVHELKGLMKRSTDLGMQ 315
TLERIIHFDFDADRHQQIFMDLSLNLKAVISQQLIPTHDQSRRA AEVLLINTPLLSDYIRGGEIYKIKELMARSQELGMQ 316

consensus ***!*****!*****!****! ****! ****! ****! *****!*****!*****!*****!*****!*****!*****!*****!****!

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NTDB id 1307	DR RS10055 WP 010888596.1	TMDAYLAGLFRRHLLITYDKCLERAID.PKEFAR..LANDASAGL.GGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAA	395
NTDB id 1116	NGFG RS10615 WP 003690200.1	TMDQSLQSLVLRQGLIAPEARRRAQNSESMSF.....	347
NTDB id 1086	NMV RS00245 WP 002218487.1	TMDQSLQSLVLRQGLIAPEVARRRAQNSESMSF.....	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	GCO85 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALN.KSLF.....	344
NTDB id 1194	PAKAF RS01995 WP 003084552.1	TLDMLKGLVAKGLISRENAREKAKI.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.PESFL.....	345
NTDB id 1060	ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345
NTDB id 1040	HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345
NTDB id 1039026	ACCQ23 RS19240 WP 008576907.1	TFDQCLFRMVKSGETIEQEEALRAADSRDGLALKFRLSEGGSGEHDYPADYEA AAAA.....PKISHG....FI.....	377
NTDB id 1177	A1552VC RS01165 WP 000422572.1	TFDQALYQLVDDKISEQDALHSAADSANDLRLMLKTKRGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203	PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR.....	381
NTDB id 1019	ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHSIYADALKHAADSPNNLRLQIKLSEEANKPLDNRERMSEMER.....KMTFDGQRRNLK.....	383
consensus		!*** * ** **** * *	

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NTDB id 1307	DR RS10055 WP 010888596.1	PATPAAPAAGRSEPGRAGGFRR	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
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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
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NTDB id 1019	ACIAD RS04205 WP 004922051.1	383
consensus			

- non conserved
- similar
- ≥ 50% conserved