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NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 223449 B5D82 RS03935 WP 081149402.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 1307 DR RS10055 WP 010888596.1
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 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
consensus

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consensus

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	ALERIILHIVPKEEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLINSPRIADLIRRGELHELKATMARSQEVGMQ	313
NTDB id 223449 B5D82 RS03935 WP 081149402.1	AIDRIMHLVPAHQHGKLLFDLALNLRGIVAAQLIPTRDGNGRLAAIEILLNSPYIAELIKKGDIGSIKEVMEKSTDQGMQ	315
NTDB id 1203 PSJM300 01605 AFN76401.1	ALDRIINFFPADRQNVVMDLSLNLKAIVAAQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLMQ	315
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TLERIIHFFDADRHHQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGETYKIKELMARSQELGMQ	316
NTDB id 1307 DR RS10055 WP 010888596.1	SIDRIVDVFPPEEQQEQRVQLANNLVAVMTQQLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMTGAREGMV	319
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TINRIIDVFPAAEEKSMVRSMLSESLQAVVAQSLLK.KNKGGGRVAALEIMMCTGAIRNLIREDKIAQMYSSIQTGQAKGMQ	314
NTDB id 1259 GC085 RS10305 WP 010947729.1	TINRIIDVFPAAEEKSMVRSMLSESLQAVVAQSLLK.KNKGGGRVAALEIMMCTGAIRNLIREDKIAQMYSSIQTGQAKGMQ	314
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TIDRVVDFVPAEEKAMVRSMLSESLQSVISQTLIK.KIGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSIAITGCSLGMQ	314
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TIDRIIDVFPAAEEKDMVRTMLSESLQAVISQTLTK.KEGGGRVAAHEIMIGIPAIRNLIREGKVAQMYSIIQTGATHGMT	314
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLTK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSIAITGANHGMT	314
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLTK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSIAITGANHGMT	314
NTDB id 1040 HON27 RS13360 WP 000355489.1	TIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLTK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSIAITGANHGMT	314
consensus	***!***** ***** *!*!!*****!?!** * ****!*** !*** *****!** ***** ***** !!*	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLKTKRGDDYGSGLQNVKIDME.....	368
NTDB id 223449 B5D82 RS03935 WP 081149402.1	TFDQALFNLYQQGLINYADALHHADSPNDLRLMIKLRSNDQGGTGSLSGVTIDGIAPKE.....D.....	375
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTS..VS.QGLTLEM.....SDDDPGRSFR...	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNR..ERMSEMERKM.....TFDGQRRNLK...	383
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHRLITYDKGLERAIDPKEFARLANDAS...AGLGGA...SMTPAAPPVPAYNSASSSSSTGRGGDFGRGA	393
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELNVKNIIISKHTAHEAALNKSFL.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELNVKNIIISKHTAHEAALNKSFL.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDQHLTELNVKNIIISKHTAHEAALNKSFL.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKGLVARGVISPQTARTAAKQPESFL.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVARGVISPQTARTAAKQPESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQPESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQPESFL.....	345
consensus	!*! * !* ****! * * ! * *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	AAAPATPAAPAAAGRS ^{EP} GRAGGFFGRR	368
NTDB id 223449 B5D82 RS03935 WP 081149402.1	.....	375
NTDB id 1203 PSJM300 01605 AFN76401.1	.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	383
NTDB id 1307 DR RS10055 WP 010888596.1	AAAPATPAAPAAAGRSEPGRAGGFFGRR	418
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 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
consensus		

 non conserved
 similar
 ≥ 50% conserved