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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 47831 H7R21 RS04565 WP 001361345.1
NTDB id 1448 BW25113 RS15320 WP 001326494.1
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 GQ085 RS10305 WP 010947729.1
NTDB id 1202 PSJM300 01600 AFN76400.1
NTDB id 1194 PA0395 NP 249086.1
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

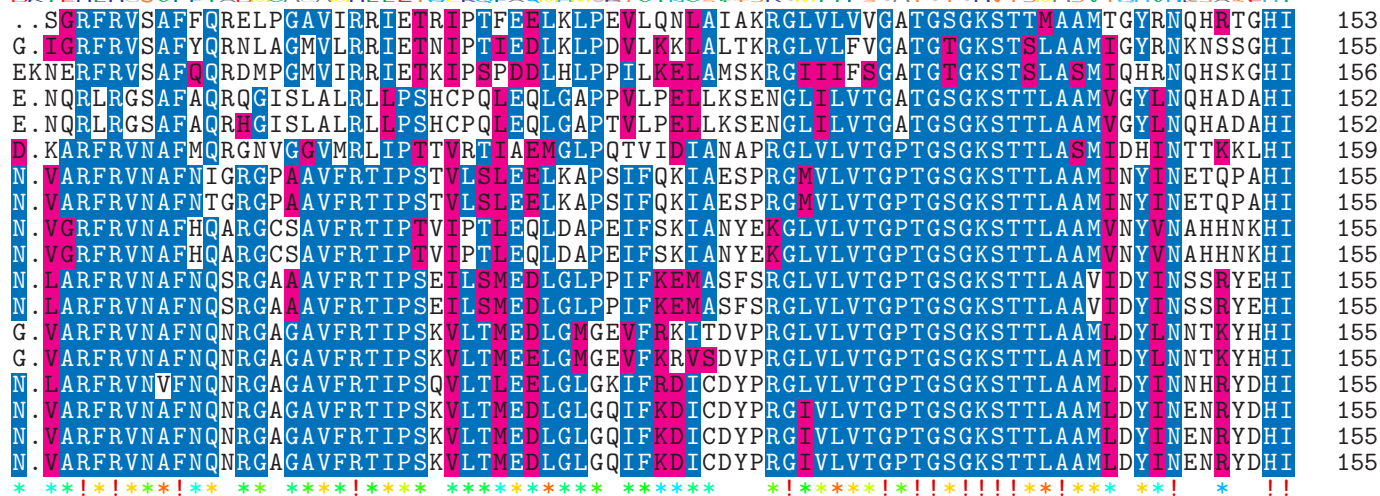
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NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
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NTDB id 47831 H7R21 RS04565 WP 001361345.1
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NTDB id 1307 DR RS10055 WP 010888596.1
NTDB id 1086 NMV RS00245 WP 002218487.1
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NTDB id 1283 ACE17V RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1202 PSJM300 01600 AFN76400.1
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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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NTDB id 1177 A1552VC RS01165 WP 000422572.1	LTVEDPIEFVHEH	KRCIVTQREVGLDTES	YEVALKNSLRQAPDMILIGE	IRSRETMEYAMTFAETGHL	CMATLHANNANQ	233
NTDB id 1203 PSJM300 01605 AFN76401.1	ISIEDPIEFIH	QHQNCCIVTQREV	GIDTDSFEVALKNTLRQAPD	VILIGEVRTRETM	DHAVAFAETGHLCLATLHANNANQ	235
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ITIEDPIEFIH	EHAGCIITQREV	GIDTDSFEIALKNTLRQAPD	VILIGEIRSREVMDYAL	AFATGHLVFAATLHANNANQ	236
NTDB id 47831 H7R21 RS04565 WP 001361345.1	LTLEDVPVEYL	YASQRCLIQREI	IGLHMTFASGLRAALRED	PDVILLGELRDS	ETIRLALTAATGHLVLATLHTRGAAQ	232
NTDB id 1448 BW25113 RS15320 WP 001326494.1	LTLEDVPVEYL	YASQRCLIQREI	IGLHMTFASGLRAALRED	PDVILLGELRDS	ETIRLALTAATGHLVLATLHTRGAAQ	232
NTDB id 1307 DR RS10055 WP 010888596.1	LTIEDPIEFM	HPNKASIIINQREV	GSDTLSFDDALRAALRQAPD	VILVGEMRDYETI	KAAVTAAETGHLVMGTLHTNSAPE	239
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIEDPIEFVH	QSKKSLINQREL	HQHTLSFANALRSALRED	PDVILVGEMRDP	PETIGLALTAATGHLVFGTLHTTGAAK	235
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIEDPIEFVH	QSKKSLINQREL	HQHTLSFANALSSALRED	PDVILVGEMRDP	PETIGLALTAATGHLVFGTLHTTGAAK	235
NTDB id 1185 GTF74 RS11940 WP 000350195.1	LTIEDPIEFVH	SNNKCLINQREV	RDRTHSFKNALRSALRED	PDVILVGELRDQ	ETISLALTAATGHLVFGTLHTTSAAK	235
NTDB id 1176 A1552VC RS01160 WP 000350195.1	LTIEDPIEFVH	SNNKCLINQREV	RDRTHSFKNALRSALRED	PDVILVGELRDQ	ETISLALTAATGHLVFGTLHTTSAAK	235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTVEDPIEFVH	QSKKCLVNQREV	HKDTLSFNAALRSALRED	PDIIILVGELRD	LETIRLAMTAAETGHLVFGTLHTNSATK	235
NTDB id 1259 GC085 RS10305 WP 010947729.1	LTVEDPIEFVH	QSKKCLVNQREV	HKDTLSFNAALRSALRED	PDIIILVGELRD	LETIRLAMTAAETGHLVFGTLHTNSATK	235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIEDPIEFVH	ESKKCLVNQREV	RDRDTLGFSEALRSALRED	PDIIILVGEMRD	LETIRLALTAATGHLVFGTLHTTSAAK	235
NTDB id 1194 PA0395 NP 249086.1	LTIEDPIEFVH	ESKKCLVNQREV	RDRDTLGFSEALRSALRED	PDIIILVGEMRD	LETIRLALTAATGHLVFGTLHTTSAAK	235
NTDB id 1020 ACIAD RS04210 WP 011182164.1	LTVEDPIEFVH	EPKKCLINQREV	RDRDTLGFNEALRSALRED	PDIIILVGEMRD	LETIRLALTAATGHLVFGTLHTTSAAK	235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTVEDPIEFVH	QSKKCLINQREV	RDRTHGFNEALRSALRED	PDIIILVGEMRD	LETIRLALTAATGHLVFGTLHTTSAAK	235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTVEDPIEFVH	QSKKCLINQREV	RDRTHGFNEALRSALRED	PDIIILVGEMRD	LETIRLALTAATGHLVFGTLHTTSAAK	235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTVEDPIEFVH	QSKKCLINQREV	RDRTHGFNEALRSALRED	PDIIILVGEMRD	LETIRLALTAATGHLVFGTLHTTSAAK	235
consensus	***!!!!*****					*****!!!!*****

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	ALERILHLV	PKEREQ	QFLDLSLNLKGVIA	QQLLRDKNGKGRHG	VFEVLNSPRIAD	LIRRGELHELKAT	MARSQEVGMQ	313
NTDB id 1203 PSJM300 01605 AFN76401.1	ALDRII	INFFPAD	RQNVVWMDLSLNLK	AIQAQQLVPTPD	GKGRRAVIEVL	INTPLAAD	LIRKGEVHELKGLMKRSTDLGMQ	315
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TLERII	IHF	FDADRHHQIF	MDLSLNLKAVIS	QQLIPTHDG	QSRRAAVEVL	INTPLLSDYIRQGEIYKIKELMARS	316
NTDB id 47831 H7R21 RS04565 WP 001361345.1	AVERLV	DSFPAQ	EKDPVRNQLAG	SLRAVLSQKLEVD	.KQEG	RVALFELLINTPAV	GNLIREGKTHQLPHVIQTGGQVGMQ	311
NTDB id 1448 BW25113 RS15320 WP 001326494.1	AVERLV	DSFPAQ	EKDPVRNQLAG	SLRAVLSQKLEVD	.KQEG	RVALFELLINTPAV	GNLIREGKTHQLPHVIQTGGQVGMQ	311
NTDB id 1307 DR RS10055 WP 010888596.1	SIDRIV	DVFPEEQ	EQIRVQLANN	LVAVMTQQLLP	RADGQGRV	LAYEILLANPAVR	ALIREGKTFQITSVMQTGA	319
NTDB id 1086 NMV RS00245 WP 002218487.1	TVDRIV	DVFPAQ	EKEMVRSMLSE	SLTAVISQNL	LLKTHDGN	GRVASHEILIANPAVR	NLIRENKITQINSVLQTGGASGMQ	315
NTDB id 1116 NGFG RS10615 WP 003690200.1	TVDRIV	DVFPAQ	EKEMVRSMLSE	SLTAVISQNL	LLKTHDGN	GRVASHEILIANPAVR	NLIRENKITQINSVLQTGGASGMQ	315
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TIDRII	DVFPGS	DKDMVRSMLSE	SLRAVIAQKLLK	R.VGGGRV	ACHEIMLATPAIRN	LIREDKVAQMYSIIQTGA	314
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TIDRII	DVFPGS	DKDMVRSMLSE	SLRAVIAQKLLK	R.VGGGRV	ACHEIMLATPAIRN	LIREDKVAQMYSIIQTGA	314
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TINRII	DVFPAEEK	SMVRSMLSE	SLQAVVAQSLLK	K.NKGG	RVAALAEIMMCTGAIRN	LIREDKIAQMYSIIQTGQAKGMQ	314
NTDB id 1259 GC085 RS10305 WP 010947729.1	TINRII	DVFPAEEK	SMVRSMLSE	SLQAVVAQSLLK	K.NKGG	RVAALAEIMMCTGAIRN	LIREDKIAQMYSIIQTGQAKGMQ	314
NTDB id 1202 PSJM300 01600 AFN76400.1	TIDRVV	DVFPAEEK	SMVRSMLSE	SLQAVISQTL	LLK.VGGGRV	AAHEIMIGTPAIRN	LIREDKVAQMYSIIQTGGS	314
NTDB id 1194 PA0395 NP 249086.1	TIDRVV	DVFPAEEK	AMVRSMLSE	SLQAVISQTL	LLK.IGGGRV	AAHEIMIGTPAIRN	LIREDKVAQMYSIIQTGGS	314
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TIDRII	DVFPAEEK	DMVRTMLSE	SLQAVISQTL	LLK.EGGGRV	AAHEIMIGTPAIRN	LIREGKVAQMYSIIQTGA	314
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TIDRVV	DVFPAEEK	DMVRAMLSE	SLQAVISQTL	LLK.NGGGRV	AAHEIMIGIPAIRN	LIRENKVAQMYSIIQTGANHGMT	314
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TIDRVV	DVFPAEEK	DMVRAMLSE	SLQAVISQTL	LLK.NGGGRV	AAHEIMIGIPAIRN	LIRENKVAQMYSIIQTGANHGMT	314
NTDB id 1040 HON27 RS13360 WP 000355489.1	TIDRVV	DVFPAEEK	DMVRAMLSE	SLQAVISQTL	LLK.NGGGRV	AAHEIMIGIPAIRN	LIRENKVAQMYSIIQTGANHGMT	314
consensus	***!*****					*!***!	*****!***	*****

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLKTK.RGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLG.SETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR....	381
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NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGGLIAPEVARRRAQNSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGGLIAPEAARRRAQNSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
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NTDB id 1202 PSJM300 01600 AFN76400.1	TLDSCCLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
consensus	!*** * ** ***** * *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	APATPAAPAAGRSEPGRAGGFGRR	368
NTDB id 1203 PSJM300 01605 AFN76401.1		381
NTDB id 1019 ACIAD RS04205 WP 004922051.1		383
NTDB id 47831 H7R21 RS04565 WP 001361345.1		326
NTDB id 1448 BW25113 RS15320 WP 001326494.1		326
NTDB id 1307 DR RS10055 WP 010888596.1	APATPAAPAAGRSEPGRAGGFGRR	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
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NTDB id 1040 HON27 RS13360 WP 000355489.1		345
consensus		

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved