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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 67968 AABE83 RS16920 WP 071986121.1
NTDB id 1448 BW25113 RS15320 WP 001326494.1
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 ACE17V RS02630 WP 010947729.1
NTDB id 1259 GC085 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 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
consensus

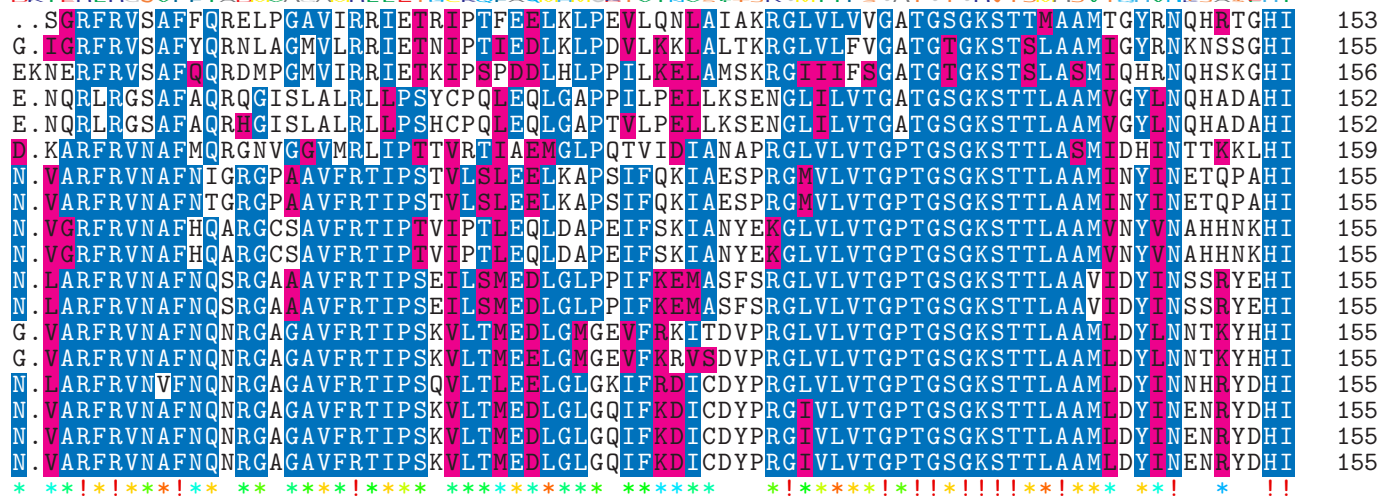
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NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
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NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
consensus

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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	ISIEDPIEFIHQHQNC	IVTQREVGLDTSFEVAL	KNTLRQAPDVILIGEVR	TRETMMDHAVAFAETGHL	CLATLHANNANQ	235
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ITIEDPIEFIHQHQNC	IVTQREVGLDTSFEVAL	KNTLRQAPDVILIGEVR	TRETMMDHAVAFAETGHL	CLATLHANNANQ	236
NTDB id 67968 AABE83 RS16920 WP 071986121.1	LTLEDVPVEYLAYSQR	CLIQREITGLHMTFAS	GLRAALREDPDVILLGEL	RDSSETIRLALTAETGHL	VLATLHTRGAAQ	232
NTDB id 1448 BW25113 RS15320 WP 001326494.1	LTLEDVPVEYLAYSQR	CLIQREITGLHMTFAS	GLRAALREDPDVILLGEL	RDSSETIRLALTAETGHL	VLATLHTRGAAQ	232
NTDB id 1307 DR RS10055 WP 010888596.1	LTIEDPIEFMHHPNK	ASIIINQREVGSDTLS	FDDALRAALRQAPDV	ILVGEMRDYETIKA	AVTAAETGHLVMGTLHTNSAPE	239
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIEDPIEFVHQSKK	SLINQRELHQHTLS	FSANALRSALREDPDV	ILVGEMRDPETIGL	ALTAETGHLVFGTLHTTGA	235
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIEDPIEFVHQSKK	SLINQRELHQHTLS	FSANALSSALREDPDV	ILVGEMRDPETIGL	ALTAETGHLVFGTLHTTGA	235
NTDB id 1185 GTF74 RS11940 WP 000350195.1	LTIEDPIEFVHSNNK	CLINQREVHRDTHS	FKNALRSALREDPDV	ILVGELRDQETISL	ALTAETGHLVFGTLHTTSA	235
NTDB id 1176 A1552VC RS01160 WP 000350195.1	LTIEDPIEFVHSNNK	CLINQREVHRDTHS	FKNALRSALREDPDV	ILVGELRDQETISL	ALTAETGHLVFGTLHTTSA	235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTVEDPIEFVHQSKK	CLVQREVHKDTLS	FSNAAALRSALREDPD	IILVGELRDLETIR	LAMTAAETGHLVFGTLHTNSATK	235
NTDB id 1259 GC085 RS10305 WP 010947729.1	LTVEDPIEFVHQSKK	CLVQREVHKDTLS	FSNAAALRSALREDPD	IILVGELRDLETIR	LAMTAAETGHLVFGTLHTNSATK	235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIEDPIEFVHESK	KKCLVQREVHRDTL	GFSEALRSALREDPD	IILVGEMRDLETIR	LALTAETGHLVFGTLHTTSA	235
NTDB id 1194 PA0395 NP 249086.1	LTIEDPIEFVHESK	KKCLVQREVHRDTL	GFSEALRSALREDPD	IILVGEMRDLETIR	LALTAETGHLVFGTLHTTSA	235
NTDB id 1020 ACIAD RS04210 WP 011182164.1	LTVEDPIEFVHEPK	KCLINQREVHRDTL	GFNEALRSALREDPD	IILVGEMRDLETIR	LALTAETGHLVFGTLHTTSA	235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTVEDPIEFVHQSK	KCLINQREVHRDTH	GFNEALRSALREDPD	IILVGEMRDLETIR	LALTAETGHLVFGTLHTTSA	235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTVEDPIEFVHQSK	KCLINQREVHRDTH	GFNEALRSALREDPD	IILVGEMRDLETIR	LALTAETGHLVFGTLHTTSA	235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTVEDPIEFVHQSK	KCLINQREVHRDTH	GFNEALRSALREDPD	IILVGEMRDLETIR	LALTAETGHLVFGTLHTTSA	235
consensus	***!!!!**					*****!!!!*****

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	ALERILHLVPKEQREQFLDLSLNLKG	VIAQQLLRDKNGKGRHGVFEVLNSPRIADLIRRGELHELKATMARSQEVGMQ	313	
NTDB id 1203 PSJM300 01605 AFN76401.1	ALDRIIINFFPADRNQNVWMDLSLNLKA	IVAQQLVPTPDGKGRRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLGMQ	315	
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TLERIIHFFDADRHHQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPL	LSDYIRQGEITYKIKELMARS	316	
NTDB id 67968 AABE83 RS16920 WP 071986121.1	AVERLVDSFPAQEKDPVRNQLAGSLRAVL	SQKLEVD.KQEGRVALFELLINTPAVGNLIREGKTHQLPHVIQTGQQVGM	311	
NTDB id 1448 BW25113 RS15320 WP 001326494.1	AVERLVDSFPAQEKDPVRNQLAGSLRAVL	SQKLEVD.KQEGRVALFELLINTPAVGNLIREGKTHQLPHVIQTGQQVGM	311	
NTDB id 1307 DR RS10055 WP 010888596.1	SIDRIVDVFPPEEQQEQRVQLANNLVAVMTQQLLP	RADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMV	319	
NTDB id 1086 NMV RS00245 WP 002218487.1	TVDRIVDVFPAGEKEMVRSMLSESLTAVISQNL	LLKTHDGNGRVASHEILIANPAVRNLI	RENKITQINSVLQTGQASGMQ	315
NTDB id 1116 NGFG RS10615 WP 003690200.1	TVDRIVDVFPAGEKEMVRSMLSESLTAVISQNL	LLKTHDGNGRVASHEILIANPAVRNLI	RENKITQINSVLQTGQASGMQ	315
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TIDRIIDVFP	PGSDKDMVRSMLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLI	REDKVAQMYSIIQTGA	314
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TIDRIIDVFP	PGSDKDMVRSMLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLI	REDKVAQMYSIIQTGA	314
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TINRIIDVFPAAEKSMVRSMLSESLQAVVAQS	LLKK.NKGGRVAALEIMMCTGAIRNLI	REDKIAQMYSSIQTGQAKGMQ	314
NTDB id 1259 GC085 RS10305 WP 010947729.1	TINRIIDVFPAAEKSMVRSMLSESLQAVVAQS	LLKK.NKGGRVAALEIMMCTGAIRNLI	REDKIAQMYSSIQTGQAKGMQ	314
NTDB id 1202 PSJM300 01600 AFN76400.1	TIDRVVDFVPAEEKSMVRSMLSESLQAVISQ	TLLKK.VGGGRVAAHEIMIGTPAIRNLI	REDKVAQMYSIIQTGGS	314
NTDB id 1194 PA0395 NP 249086.1	TIDRVVDFVPAEEKAMVRSMLSESLQ	SVISQTLIKK.IGGGRVAAHEIMIGTPAIRNLI	REDKVAQMYSIIQTGGS	314
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TIDRIIDVFPAAEKDMVRTMLSESLQAVISQ	TLLKK.EGGGRVAAHEIMIGIPAIRNLI	REGKVAQMYSIIQTGA	314
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TIDRVIDVFPAAEKDMVRAMLSESLQAVISQ	TLLKK.NGGGRVAAHEIMIGIPAIRNLI	RENKVAQMYSIIQTGANH	314
NTDB id 1040 HON27 RS13360 WP 000355489.1	TIDRVIDVFPAAEKDMVRAMLSESLQAVISQ	TLLKK.NGGGRVAAHEIMIGIPAIRNLI	RENKVAQMYSIIQTGANH	314
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TIDRVIDVFPAAEKDMVRAMLSESLQAVISQ	TLLKK.NGGGRVAAHEIMIGIPAIRNLI	RENKVAQMYSIIQTGANH	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
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHSYADALKHADSPNNLRLQIKLS.EEANKPLDNRRERMSEMER.....KMTFDGQRRNLK....	383
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NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGLIAPEVARRRAQNSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGLIAPEAARRRAQNSESMSF.....	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	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDSCCLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PA0395 NP 249086.1	TLDMCLKGLVAKGLISRENAREKAKIP.ENF.....	344
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NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
consensus	!*** * ** ***** * *	

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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
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NTDB id 1040 HON27 RS13360 WP 000355489.1		345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1		345
consensus		

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