

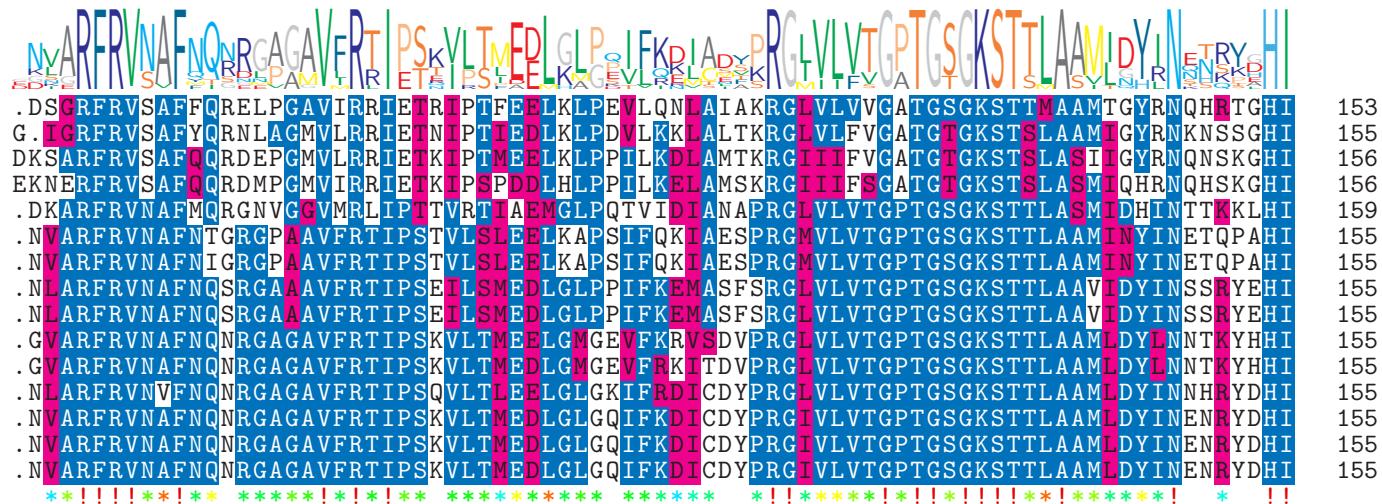
NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 390116 FSC09 RS03090 WP 005179770.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 1307 DR RS10055 WP 010888596.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GCO85 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
consensus



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NTDB id 1177 A1552VC RS01165 WP 000422572.1	LTIVEDPIEFVHEH	KRCIVTQREVGLDTES	YEVALKNSLRQAPDMILIGEIRSR	RETMEYAMTFAETGHL	CMATLHANNANQ	233
NTDB id 1203 PSJM300 01605 AFN76401.1	TSIEDPIEFTHQHQC	IVTQREVGIDTDSFEVAL	KNTLRQAPDVILIGEVRTRETMDH	AVAF	AFETGHLCLATLHANNANQ	235
NTDB id 390116 FSC09 RS03090 WP 005179770.1	ITIEDPIEFVHEHAG	CIITQREVGIDTDSFEVAL	KNTLRQAPDVILIGEIRSR	RETMDYAI	AFETGHLVFA	236
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ITIEDPIEFTH	EHAGCIITQREVGIDTDSFE	IALKNTLRQAPDVILIGEIRSR	REVM	DYALAF	236
NTDB id 1307 DR RS10055 WP 010888596.1	LTIEDPIEFMHPN	KASTINQREVGS	DTLSFDDALRAALRQAPDVILV	GEMRDYETIKA	AVTAAETGHLV	239
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIEDPIEFVHQSKK	SLINQRELHQHTLSFANAL	SSALREDPDVILV	GEMRDPETIGL	ALTAETGHLV	235
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIEDPIEFVHQSKK	SLINQRELHQHTLSFANAL	RSALREDPDVILV	GEMRDPETIGL	ALTAETGHLV	235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTVEDPIEFVHQSKK	CLVNQREVHKDTLSFNA	ALRSALREDPDIILV	GLRDLETIRL	AMTAAETGHLV	235
NTDB id 1259 GC085 RS10305 WP 010947729.1	LTVEDPIEFVHQSKK	CLVNQREVHKDTLSFNA	ALRSALREDPDIILV	GLRDLETIRL	AMTAAETGHLV	235
NTDB id 1194 PAKAF RS01995 WP 003084552.1	LTIEDPIEFVHE	SKKCLVNQREVHRD	TGTFSEALRSALREDPDIILV	GEMRDLETIRL	ALTAETGHLV	235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIEDPIEFVHE	SKKCLVNQREVHRD	TGTFSEALRSALREDPDIILV	GEMRDLETIRL	ALTAETGHLV	235
NTDB id 1020 ACIAD RS04210 WP 011182164.1	LTVEDPIEFVHEP	KKCLINQREVHRD	TGTFNEALRSALREDPDIILV	GEMRDLETIRL	ALTAETGHLV	235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTVEDPIEFVHQSKK	CLINQREVHRDTHG	FNEALRSALREDPDIILV	GEMRDLETIRL	ALTAETGHLV	235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTVEDPIEFVHQSKK	CLINQREVHRDTHG	FNEALRSALREDPDIILV	GEMRDLETIRL	ALTAETGHLV	235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTVEDPIEFVHQSKK	CLINQREVHRDTHG	FNEALRSALREDPDIILV	GEMRDLETIRL	ALTAETGHLV	235
consensus	***!!!!!!	*****!!!!*	!!*	!!!!!!	!!!!!!	***

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	ALERTIH	LVPKEQREQFL	LDLSLNLKGVIA	QQLLR	DKNGKGRHGVFEVLL	NSPRIADLIR	GELHEL	KATMARSQ	EVGMQ	313
NTDB id 1203 PSJM300 01605 AFN76401.1	ALDRIN	FFPADRQNV	WMDLSLNLKA	IVAQQLV	PTPDGKGRRA	VIEVLINTPL	AADLIRKGE	VELKGLM	KRSTDLGMQ	315
NTDB id 390116 FSC09 RS03090 WP 005179770.1	AIDRI	IHF	FEADRHGQL	FMDLSLNLKA	IVAQQLIPTID	GNSRRAA	IELLINSPL	VSDLIRKGD	VHEIKDLM	316
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TLERII	HFFDADR	HQQIFMDLSLNLKA	AVISQQLIPT	HDGQSRRA	AVEVLINTPL	LLSDYIR	QGEIYKIKEL	MARSGELGMQ	316
NTDB id 1307 DR RS10055 WP 010888596.1	SIDRIV	DVFPEEQ	QEQIRVQL	ANNLVAVMT	QQLLR	RADGQGRV	LAYEILLANPAVR	ALIREGK	TFQITSVM	319
NTDB id 1116 NGFG RS10615 WP 003690200.1	TVDRIV	DVFPAGEK	EMVRSMLSESL	TAVISQ	NLLKTHDGN	GRVASHEILIANPAVR	NLIRENKITQINS	VLQTGGASGMQ		315
NTDB id 1086 NMV RS00245 WP 002218487.1	TVDRIV	DVFPAGEK	EMVRSMLSESL	TAVISQ	NLLKTHDGN	GRVASHEILIANPAVR	NLIRENKITQINS	VLQTGGASGMQ		315
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TINRI	IDVFPAAEEK	SMVRSMLSESL	QAVVAQS	LLKK.NKGGR	VAALEIMMCTGAIRNL	IREDKIAQMYSSI	QGTGQAKGMQ		314
NTDB id 1259 GC085 RS10305 WP 010947729.1	TINRI	IDVFPAAEEK	SMVRSMLSESL	QAVVAQS	LLKK.NKGGR	VAALEIMMCTGAIRNL	IREDKIAQMYSSI	QGTGQAKGMQ		314
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TIDR	VV	DVFPAAEEKAMVRSMLSESL	QSVISQ	TLLKK.IGGGR	VAAHEIMIGTPAIRNL	IREDKVAQMYSAI	QGTGGS	SLGMQ	314
NTDB id 1202 PSJM300 01600 AFN76400.1	TIDR	VV	DVFPAAEEKSMVRSMLSESL	QAVISQ	TLLKK.VGGGR	VAAHEIMIGTPAIRNL	IREDKVAQMYSSI	QGTGGS	SLGMQ	314
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TIDRI	IDVFPAAEKD	MVRTMLSESLQAVISQ	TLLKK.EGGGR	VAAHEIMIGIPAIRNL	IREDKVAQMYSSI	QGTGATH	GMT		314
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TIDR	V	IDVFPAAEKDMVRAMLSESLQAVISQ	TLLKK.NGGGR	VAAHEIMIGIPAIRNL	IRENKVAQMYSAI	QGTGAN	HGMT		314
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NTDB id 1040 HON27 RS13360 WP 000355489.1	TIDR	V	IDVFPAAEKDMVRAMLSESLQAVISQ	TLLKK.NGGGR	VAAHEIMIGIPAIRNL	IRENKVAQMYSAI	QGTGAN	HGMT		314
consensus	***!*****	***	!!***!	*****!	!***	*	!!***	!*****	*****!!*	***

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSandLRLMLKTKRGDDYGSGLQNVKIDME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETD..GEHLTSVSQG..LTL..EMSDDDPGRSFR.....	381
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NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGIIAPEVARRRAQNSSESMSF.....	347
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNKSLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNKSLF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDMCLKGLVAKGLISRENAREKAKIPENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDSCCLKGLIAKGLISRDSAKEKAKQPENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKQLLAKGIIINLPTARAVAKSPESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQPESFL.....	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		368
NTDB id 1203 PSJM300 01605 AFN76401.1		381
NTDB id 390116 FSC09 RS03090 WP 005179770.1		372
NTDB id 1019 ACIAD RS04205 WP 004922051.1		383
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NTDB id 1040 HON27 RS13360 WP 000355489.1		345
consensus		

- non conserved
- similar
- ≥ 50% conserved