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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 47033 H7R86 RS03800 WP 017899769.1
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 ACE17W 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

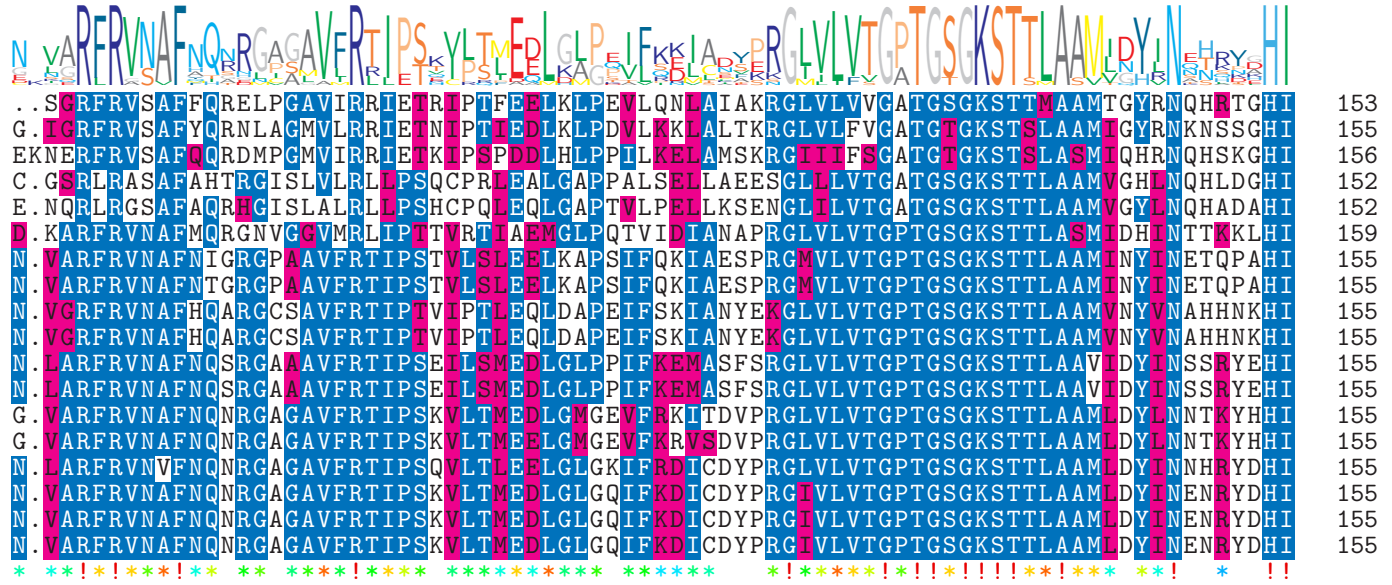
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NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
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NTDB id 1283 ACE17W RS02630 WP 010947729.1
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NTDB 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 1177 A1552VC RS01165 WP 000422572.1	LTVEDPIEFVHEH	KRCIVTQREVGLDTES	YEVALKNSLRQAPDMILIGE	IRSRETMEYAMTFAETGHL	CMATLHANNANQ	233		
NTDB id 1203 PSJM300 01605 AFN76401.1	ISIEDPIEFTHQHQC	IVTQREVGIDTDSFEVAL	KNTLRQAPDVILIGEVR	TRETMDHAVAF	AFETGHLCLATLHANNANQ	235		
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ITIEDPIEFHHEHAG	CIITQREVGIDTDSFEI	ALKNTLRQAPDVILIGE	IRSREVMYALAF	AFETGHLVFAATLHANNANQ	236		
NTDB id 47033 H7R86 RS03800 WP 017899769.1	LTLEDPVEFIHHSER	CLIQREIGRHCP	SFSAALRVALRQDPD	VILLGELRDS	ETIRLALTA	AETGHLVMAATLHTRGAAP	232	
NTDB id 1448 BW25113 RS15320 WP 001326494.1	LTLEDPVEYLYASQ	RCLIQREIGLH	CMTFASGLRA	ALREDPDVILLGEL	RDS	ETIRLALTA	AETGHLVLAATLHTRGAAQ	232
NTDB id 1307 DR RS10055 WP 010888596.1	LTIEDPIEFMHHPNK	ASIIINQREVGS	DTLSFDDALRA	ALRQAPDVILVGE	MRDYETIKA	AVTAAETGHLV	MGTLHTNSAPE	239
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIEDPIEFVHQSKK	SLINQRELHQHT	LSFANALRSAL	REDPDVILVGE	MRDPETIGL	ALTA	AETGHLVFGTLHTTGA	235
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIEDPIEFVHQSKK	SLINQRELHQHT	LSFANALSSAL	REDPDVILVGE	MRDPETIGL	ALTA	AETGHLVFGTLHTTGA	235
NTDB id 1185 GTF74 RS11940 WP 000350195.1	LTIEDPIEFVHSNNK	CLINQREVHR	DTHSFKNALRSAL	REDPDVILVGE	LRDQETISL	ALTA	AETGHLVFGTLHTSSA	235
NTDB id 1176 A1552VC RS01160 WP 000350195.1	LTIEDPIEFVHSNNK	CLINQREVHR	DTHSFKNALRSAL	REDPDVILVGE	LRDQETISL	ALTA	AETGHLVFGTLHTSSA	235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTVEDPIEFVHQSKK	CLVQREVHKDT	LSFNAAALRSAL	REDPDIILVGE	LRDLETIRL	AMTAAETGHL	VFGTLHTNSATK	235
NTDB id 1259 GC085 RS10305 WP 010947729.1	LTVEDPIEFVHQSKK	CLVQREVHKDT	LSFNAAALRSAL	REDPDIILVGE	LRDLETIRL	AMTAAETGHL	VFGTLHTNSATK	235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIEDPIEFVHESK	KKCLVQREVHR	DTLGFSEALRSAL	REDPDIILVGE	MRDLETIRL	ALTA	AETGHLVFGTLHTTSA	235
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NTDB id 1020 ACIAD RS04210 WP 011182164.1	LTVEDPIEFVHEPK	KCLINQREVHR	DTLGFNEALRSAL	REDPDIILVGE	MRDLETIRL	ALTA	AETGHLVFGTLHTTSA	235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTVEDPIEFVHQSKK	CLINQREVHR	DTHGFNEALRSAL	REDPDIILVGE	MRDLETIRL	ALTA	AETGHLVFGTLHTTSA	235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTVEDPIEFVHQSKK	CLINQREVHR	DTHGFNEALRSAL	REDPDIILVGE	MRDLETIRL	ALTA	AETGHLVFGTLHTTSA	235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTVEDPIEFVHQSKK	CLINQREVHR	DTHGFNEALRSAL	REDPDIILVGE	MRDLETIRL	ALTA	AETGHLVFGTLHTTSA	235
consensus	***!!!!*****	*****!!!!*****	**	*!!!!*****!!!!*****	*****!!!!*****	*****!!!!*****	*****!!!!*****	*****!!!!*****

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	ALERILHLV	PKEREQ	QFLDLSLNLKGV	IAQQLLR	DKNGKGRHG	VFEVLNS	SPRIADLIR	RGELHELK	ATMARSQ	EVGMQ	313				
NTDB id 1203 PSJM300 01605 AFN76401.1	ALDRIIN	FFPAD	RQNVW	MDLSLNLKA	IVAQQLV	PTPDGKGR	RAVIEVL	INTPLA	ADLIRKGE	VHELKGLMKR	STDLGMQ	315			
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TLERIIH	FFDADR	HQQIF	MDLSLNLK	AVISQQLI	PTHDGG	QSRRAA	VEVLINT	PLLSDYIR	QGETYK	IKELMARS	GELGMQ	316		
NTDB id 47033 H7R86 RS03800 WP 017899769.1	AVERLID	VFPAAEK	DQVRS	QLAGSLCA	VLAQKLL	PA.RQG	GRVALY	ELLVNT	PAVGNL	IREGKV	HQLPGV	MTGMQAG	ML	311	
NTDB id 1448 BW25113 RS15320 WP 001326494.1	AVERLV	DSFPAE	KDQV	RNQLAGS	LRAVLS	QKLEVD	.KQEG	RVALFELL	INTPAV	GNLIREG	KTHQLP	HV	IQTGQV	GMI	311
NTDB id 1307 DR RS10055 WP 010888596.1	SIDRIV	DVFP	EEQEQ	QIRVQL	ANNLVAV	MTQQLLP	RADGQ	GRVLAYE	ILLANPA	VRALIREG	KTFQIT	SV	MTGARE	GMV	319
NTDB id 1086 NMV RS00245 WP 002218487.1	TVDRIV	DVFP	AGEKEM	VRSMLSE	SLTAVISQ	NLLKTHD	GNGRVAS	HEILIAN	PAVRNL	IRENK	ITQINS	SV	LQTGQAS	GMQ	315
NTDB id 1116 NGFG RS10615 WP 003690200.1	TVDRIV	DVFP	AGEKEM	VRSMLSE	SLTAVISQ	NLLKTHD	GNGRVAS	HEILIAN	PAVRNL	IRENK	ITQINS	SV	LQTGQAS	GMQ	315
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TIDRIID	VFP	SGDKDM	VRSMLSE	SLRAVIAQ	KLLKR.V	GGRVACHE	IMLAT	PAIRN	LIREDK	VAMYSII	QTGA	AHGMQ	314	
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TIDRIID	VFP	SGDKDM	VRSMLSE	SLRAVIAQ	KLLKR.V	GGRVACHE	IMLAT	PAIRN	LIREDK	VAMYSII	QTGA	AHGMQ	314	
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TINRIID	VFPAAEK	SMVRSMLSE	SLQAVVAQ	SLLKK.N	GGRVAA	LEIMMCT	GAIRN	LIREDK	IAQMYSSI	QTGAK	GMQ	314		
NTDB id 1259 GC085 RS10305 WP 010947729.1	TINRIID	VFPAAEK	SMVRSMLSE	SLQAVVAQ	SLLKK.N	GGRVAA	LEIMMCT	GAIRN	LIREDK	IAQMYSSI	QTGAK	GMQ	314		
NTDB id 1202 PSJM300 01600 AFN76400.1	TIDRVV	DVFPAAEK	SMVRSMLSE	SLQAVISQ	TLLKK.V	GGRVAA	HEIMIG	TPAIRN	LIREDK	VAMYSII	QTG	SLGMQ	314		
NTDB id 1194 PA0395 NP 249086.1	TIDRVV	DVFPAAEK	AMVRSMLSE	SLQSVISQ	TLLKK.V	GGRVAA	HEIMIG	TPAIRN	LIREDK	VAMYSII	QTG	SLGMQ	314		
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TIDRIID	VFPAAEK	DMVRT	MLSESLQ	AVISQ	TLLKK.V	EGGRVAA	HEIMIG	IPAIRN	LIREGKV	VAMYSII	QTGA	THGMT	314	
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TIDRVID	VFPAAEK	DMVR	AMLSESLQ	AVISQ	TLLKK.V	NGGGRVAA	HEIMIG	IPAIRN	LIRENK	VAMYSII	QTGAN	HGMT	314	
NTDB id 1040 HON27 RS13360 WP 000355489.1	TIDRVID	VFPAAEK	DMVR	AMLSESLQ	AVISQ	TLLKK.V	NGGGRVAA	HEIMIG	IPAIRN	LIRENK	VAMYSII	QTGAN	HGMT	314	
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TIDRVID	VFPAAEK	DMVR	AMLSESLQ	AVISQ	TLLKK.V	NGGGRVAA	HEIMIG	IPAIRN	LIRENK	VAMYSII	QTGAN	HGMT	314	
consensus	***!*****	*****!!!!*****	*****!	*****!	*****!	*****!	*****!*****!*****	*****!*****	*****	*****	*****!	*****			

