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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 30424 CLK RS12670 WP 012344954.1
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 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 1194 PAKAF RS01995 WP 003084552.1
NTDB id 1202 PSJM300 01600 AFN76400.1
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

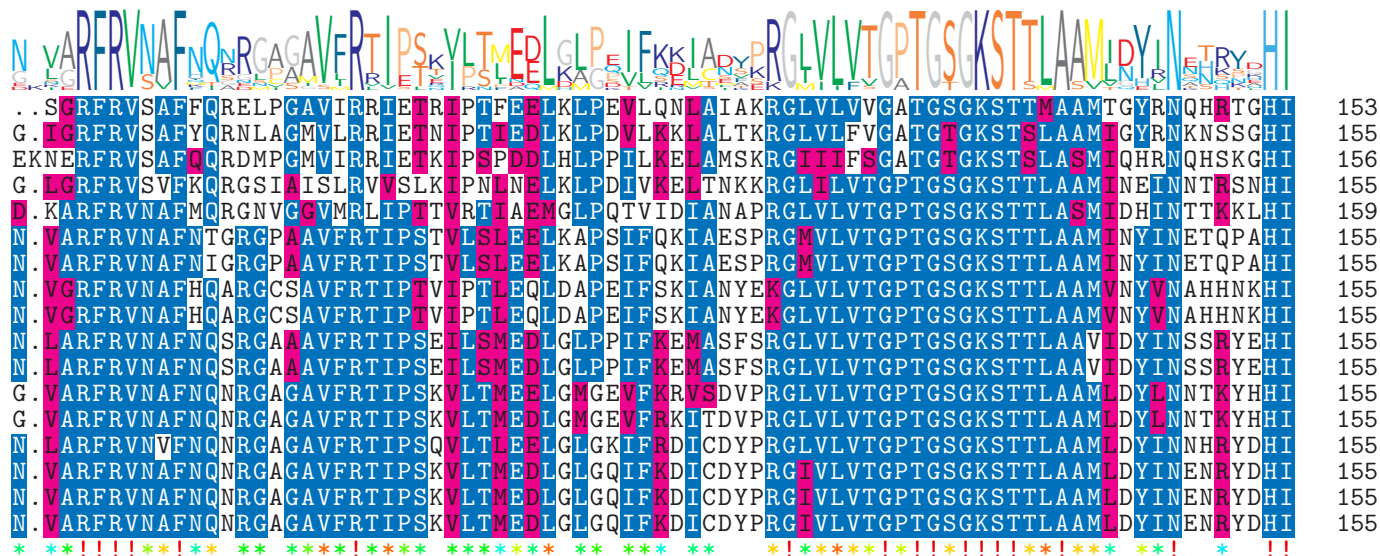
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NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 30424 CLK RS12670 WP 012344954.1
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NTDB id 1202 PSJM300 01600 AFN76400.1
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
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	233
NTDB id 1203 PSJM300 01605 AFN76401.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1019 ACIAD RS04205 WP 004922051.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	236
NTDB id 30424 CLK RS12670 WP 012344954.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1307 DR RS10055 WP 010888596.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	239
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1185 GTF74 RS11940 WP 000350195.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1176 A1552VC RS01160 WP 000350195.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1259 GC085 RS10305 WP 010947729.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1194 PAKAF RS01995 WP 003084552.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1020 ACIAD RS04210 WP 011182164.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTIVEDPIEFVHQS	KKCLINQREVHRT	SEFALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
consensus	***!!!!!!*	*****!!!!**	* * !*****!*****!*****!*****!	!*****!*****!*****!*****!	!*****!*****!*****!*****!	!*****!*****!*****!*****!	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	LATPAIRN	IREKYAQMS	IQTGAHGMQ	313
NTDB id 1203 PSJM300 01605 AFN76401.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	LATPAIRN	IREKYAQMS	IQTGAHGMQ	315
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	LATPAIRN	IREKYAQMS	IQTGAHGMQ	316
NTDB id 30424 CLK RS12670 WP 012344954.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	LATPAIRN	IREKYAQMS	IQTGAHGMQ	314
NTDB id 1307 DR RS10055 WP 010888596.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	LATPAIRN	IREKYAQMS	IQTGAHGMQ	319
NTDB id 1116 NGFG RS10615 WP 003690200.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	LATPAIRN	IREKYAQMS	IQTGAHGMQ	315
NTDB id 1086 NMV RS00245 WP 002218487.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	LATPAIRN	IREKYAQMS	IQTGAHGMQ	315
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	LATPAIRN	IREKYAQMS	IQTGAHGMQ	314
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	LATPAIRN	IREKYAQMS	IQTGAHGMQ	314
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	LATPAIRN	IREKYAQMS	IQTGAHGMQ	314
NTDB id 1259 GC085 RS10305 WP 010947729.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	LATPAIRN	IREKYAQMS	IQTGAHGMQ	314
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consensus	***!*****	*****!*****!	*****!*****!	!*****!*****!*****!*****!	!*****!*****!*****!*****!	!*****!*****!*****!*****!	!*****!*****!*****!*****!	

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NTDB	id	1177	A1552VC	RS01165	WP	000422572.1	TFDQALYQLVDDKISEQDALHSA	DSANDRLRLMLKTKRGDDY...GSGSLQNVKI.....DME.....	368			
NTDB	id	1203	PSJM300	01605	AFN	76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR.....	381				
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1	TFDQALFDLYDHQHISYADALKHADSPNNLRLLQIKLSEEANKPLDNRRERMSEMER.....KMTFDGQRRLNK.....	383				
NTDB	id	30424	CLK	RS12670	WP	012344954.1	TMDMSLAELYKREITISYDTALNYSVD.KDLITKIINL.....	350				
NTDB	id	1307	DR	RS10055	WP	01088596.1	TMDAYLAGLFRRHLITYDKCLERAID.PKEFARLAND..ASAGL.GGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAA	395				
NTDB	id	1116	NGFG	RS10615	WP	003690200.1	TMDQSLQSLVRQCCLIAPEAARRRAQNSESMSF.....	347				
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NTDB	id	1176	A1552VC	RS01160	WP	000350195.1	TMEQNAKQLIARCVVDAQEVQSKIELDLKAF.....	345				
NTDB	id	1283	ACE17W	RS02630	WP	010947729.1	TLDQHLTTELVNKNITISKHTAHEAALN.KSLF.....	344				
NTDB	id	1259	GC085	RS10305	WP	010947729.1	TLDQHLTTELVNKNITISKHTAHEAALN.KSLF.....	344				
NTDB	id	1194	PAKAF	RS01995	WP	003084552.1	TLDMLCKGLVAKGLISRAREKAKEA.KI.PENF.....	344				
NTDB	id	1202	PSJM300	01600	AFN	76400.1	TLDSCILKGLLAKGLISRDSAKEKAKQ.PENF.....	344				
NTDB	id	1020	ACIAD	RS04210	WP	011182164.1	TLDQSLKQLLAKGLINLPTARAVAKS.PESF.....	344				
NTDB	id	1060	ABD1	RS04380	WP	000355489.1	TLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345				
NTDB	id	1040	HON27	RS13360	WP	000355489.1	TLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345				
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQ.PESFL.....	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
NTDB	id	30424	CLK	RS12670	WP	012344954.1	.....	350
NTDB	id	1307	DR	RS10055	WP	010888596.1	PATPAAPAAGRSEPGRAGGFGRR	418
NTDB	id	1116	NGFG	RS10615	WP	003690200.1	.....	347
NTDB	id	1086	NMV	RS00245	WP	002218487.1	.....	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
NTDB	id	1259	GC085	RS10305	WP	010947729.1	.....	344
NTDB	id	1194	PAKAF	RS01995	WP	003084552.1	.....	344
NTDB	id	1202	PSJM300	01600	AFN76400.1	.....		344
NTDB	id	1020	ACIAD	RS04210	WP	011182164.1	.....	344
NTDB	id	1060	ABD1	RS04380	WP	000355489.1	.....	345
NTDB	id	1040	HON27	RS13360	WP	000355489.1	.....	345
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1	.....	345
consensus								

-  non conserved
-  similar
-  >50% conserved