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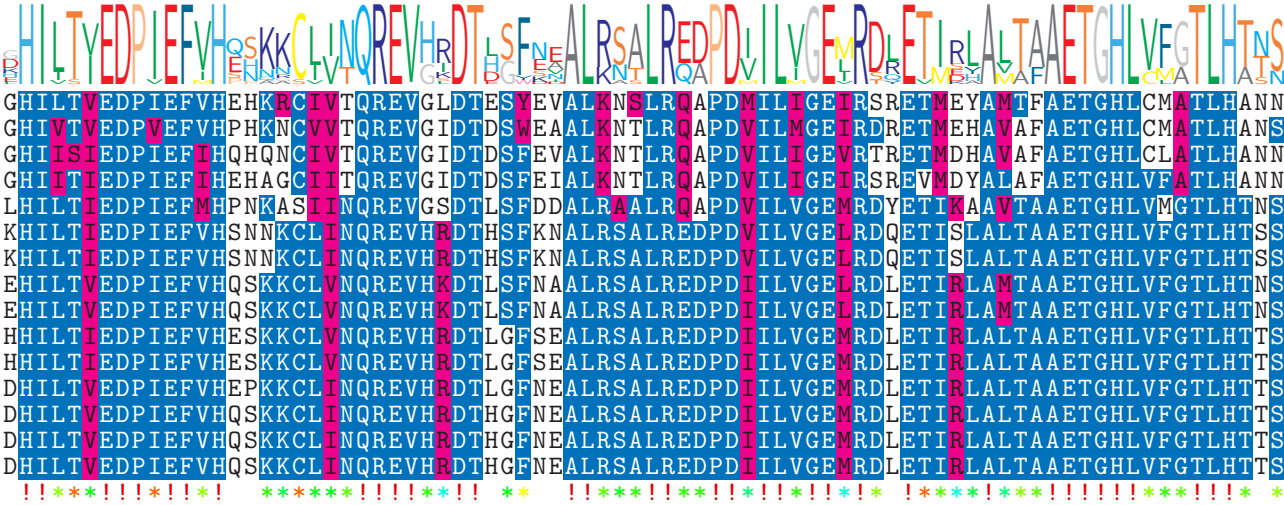
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NTDB id 106708 ACAM53 RS23080 WP 369649044.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 1307 DR RS10055 WP 01088596.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 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
NTDB	id	106708	ACAM53	RS23080	WP	369649044.1
NTDB	id	1203	PSJM300	01605	AFN76401.1	
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1
NTDB	id	1307	DR	RS10055	WP	010888596.1
NTDB	id	1185	GTF74	RS11940	WP	000350195.1
NTDB	id	1176	A1552VC	RS01160	WP	000350195.1
NTDB	id	1283	ACE17W	RS02630	WP	010947729.1
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NTDB	id	1194	PAKAF	RS01995	WP	003084552.1
NTDB	id	1202	PSJM300	01600	AFN76400.1	
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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	106708	ACAM53	RS23080	WP	369649044.1
NTDB	id	1203	PSJM300	01605	AFN76401.1	
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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	GMQTFDQALYQLVDDDKISEQDALHSA	DSANLRLMLKTKRGDDYG...SGSLQNVKI.....DME.....	368
NTDB id 106708 ACAM53 RS23080 WP 369649044.1	GMQTFDQALFDLFESHSTFEDAIRNADSAN	DLRLQIKLNSQRRARSTDLSAGTEHFAI.....V.....	378
NTDB id 1203 PSJM300 01605 AFN76401.1	GMQTFDQALYNLYVQGEITYEDALLHADSSN	DLRLMIKLGSETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR..	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	GMQTFDQALFDLYDHQHISYADALKHADSPNN	LRLQIKLSEEANKPLDNRERMSEMER.....KMTFDGQRRNLK..	383
NTDB id 1307 DR RS10055 WP 010888596.1	GMVTMDAYLAGLFRHLLITYDKGLERAID	.PKEFAR..LANDASAGLGG.ASMTPAAPPVPAYNSASSSSTGRGGDFGRG	392
NTDB id 1185 GTF74 RS11940 WP 000350195.1	GMQTFMEQNAKQLIARCGVVDAQEVQSKI	ELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	GMQTFMEQNAKQLIARCGVVDAQEVQSKI	ELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	GMQTLDDQHLTELVNKNLISKHTAHEAALN	.KSLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	GMQTLDDQHLTELVNKNLISKHTAHEAALN	.KSLF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	GMQTLDDMCLKGLVAKGLISRENAREKAKI	.PENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	GMQTLDDSCLKGLLAKGLISRDSAKEKAKQ	.PENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	GMTTLDQSLKQLLAKGLINLPTARAVAKS	.PESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	GMTTLDQSLKGLVSRGVISPQTARTA	AAKQ.PESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	GMTTLDQSLKGLVARGVISPQTARTA	AAKQ.PESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	GMTTLDQSLKGLVARGVISPQTARTA	AAKQ.PESFL.....	345
consensus	!!*!*** * !* **** * *	* *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1		368
NTDB id 106708 ACAM53 RS23080 WP 369649044.1		378
NTDB id 1203 PSJM300 01605 AFN76401.1		381
NTDB id 1019 ACIAD RS04205 WP 004922051.1		383
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NTDB id 1259 GC085 RS10305 WP 010947729.1		344
NTDB id 1194 PAKAF RS01995 WP 003084552.1		344
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NTDB id 1060 ABD1 RS04380 WP 000355489.1		345
NTDB id 1040 HON27 RS13360 WP 000355489.1		345
consensus		

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