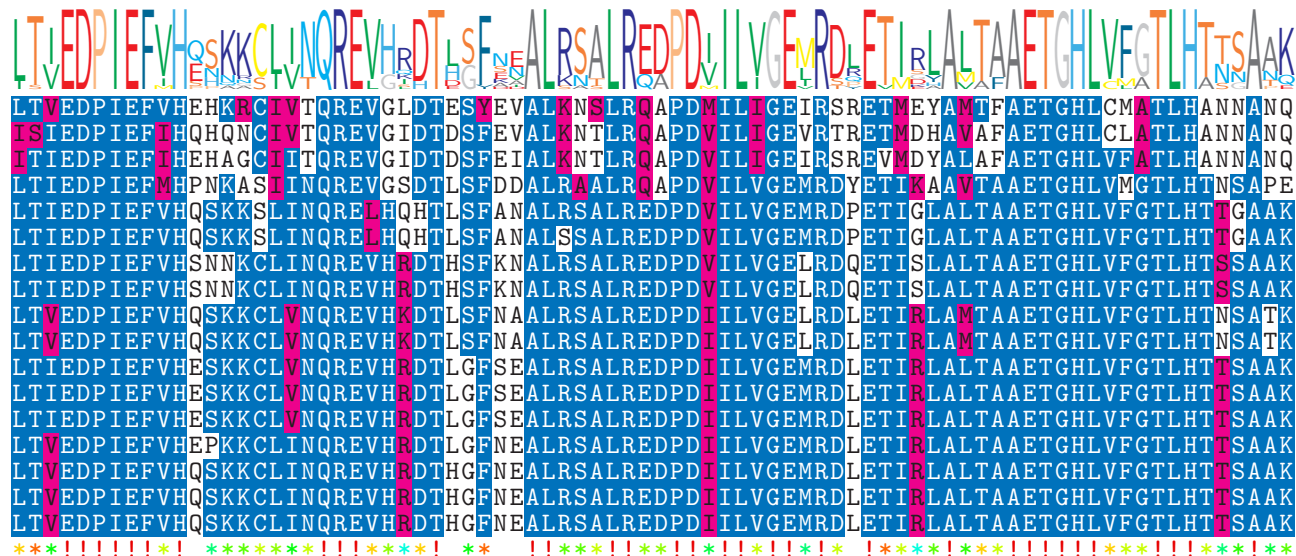



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NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 1307 DR RS10055 WP 010888596.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GCO85 RS10305 WP 010947729.1
NTDB id 196018 BGV84 RS02020 WP 003084552.1
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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consensus

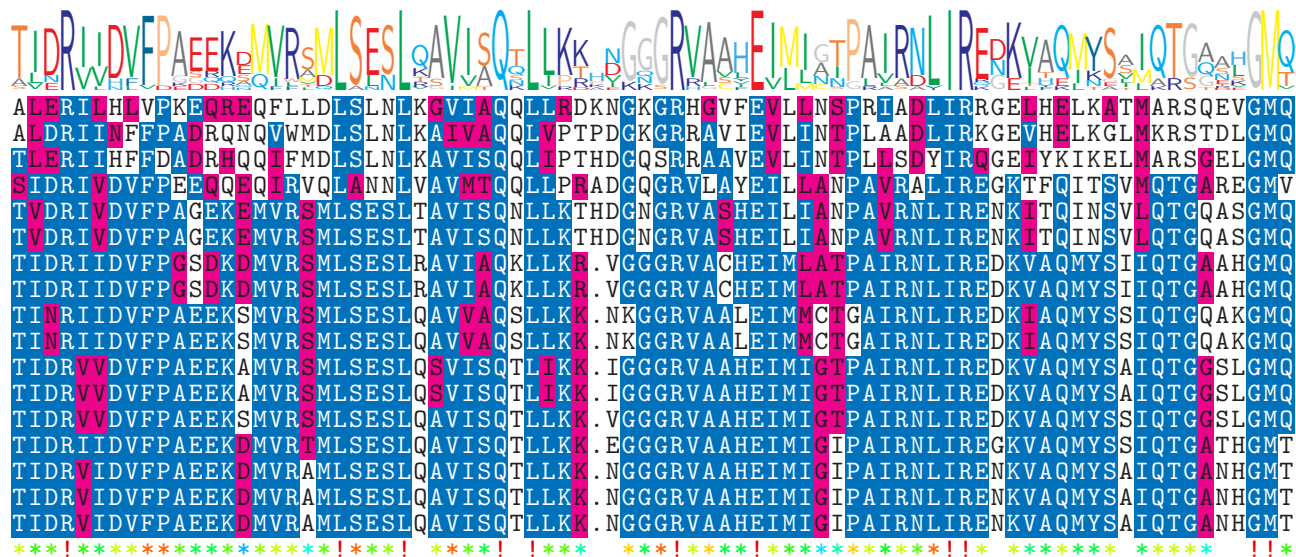
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NTDB id 1259 GCO85 RS10305 WP 010947729.1
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NTDB id 1194 PAKAF RS01995 WP 003084552.1
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NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1

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consensus



313
315
316
319
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315
314
314
314
314
314
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314
314

Protein	Sequence	Score
TFDQALYQLVVDK	ISEQDALHSADSANDLRLMLKTKRGDDY... GSGSLQNVKI.....DME.....	368
TFDQALYNLYVQ	ETIYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR.....	381
TFDQALFDLYDHQH	ISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEMER.....KMTFDGQRRNLK.....	383
TMDAYLAGLFRH	LITYDKLERAID.PKEFARLA..NDASAGL.GGASMPAAPPVPAYNSASSSSSTGRGGDFGRGAAA	395
TMDQSLQSLVRQ	GLIAPEVARRRRAQNSSEMSF.....	347
TMDQSLQSLVRQ	GLIAPEAARRRAQNSSEMSF.....	347
TMEQNAKQLIAR	GVVDAQEVQSKIELDLKAF.....	345
TMEQNAKQLIAR	GVVDAQEVQSKIELDLKAF.....	345
TLDQHLTEL	VNKNLISKHTAHEAALN.KSLF.....	344
TLDQHLTEL	VNKNLISKHTAHEAALN.KSLF.....	344
TLDMCLKGLVAK	GLISRENAREKAKI.PENF.....	344
TLDMCLKGLVAK	GLISRENAREKAKI.PENF.....	344
TLDSCLKGLLAK	GLISRDSAKEKAKQ.PENF.....	344
TLDQSLKQLLAK	GIINLPTARAVAKS.PESF.....	344
TLDQSLKGLVARG	VISPQTARTAAKQ.PESFL.....	345
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NTDB	id	196018	BGV84	RS02020	WP	003084552.1		344
NTDB	id	1194	PAKAF	RS01995	WP	003084552.1		344
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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
- ☒ $\geq 50\%$ conserved