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NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
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NTDB id 1355 HI 0298 AAC21962.1		0
NTDB id 36691 WQG RS04715 WP 015432350.1		0
NTDB id 1384 A4U84 RS08525 WP 010787006.1		0
NTDB id 1468 ASU2 RS05090 WP 014991734.1		0
NTDB id 1436 BW25113 RS00530 WP 001025145.1		0
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKLEFLESTEGIVPDPSAALLL	240
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NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
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NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
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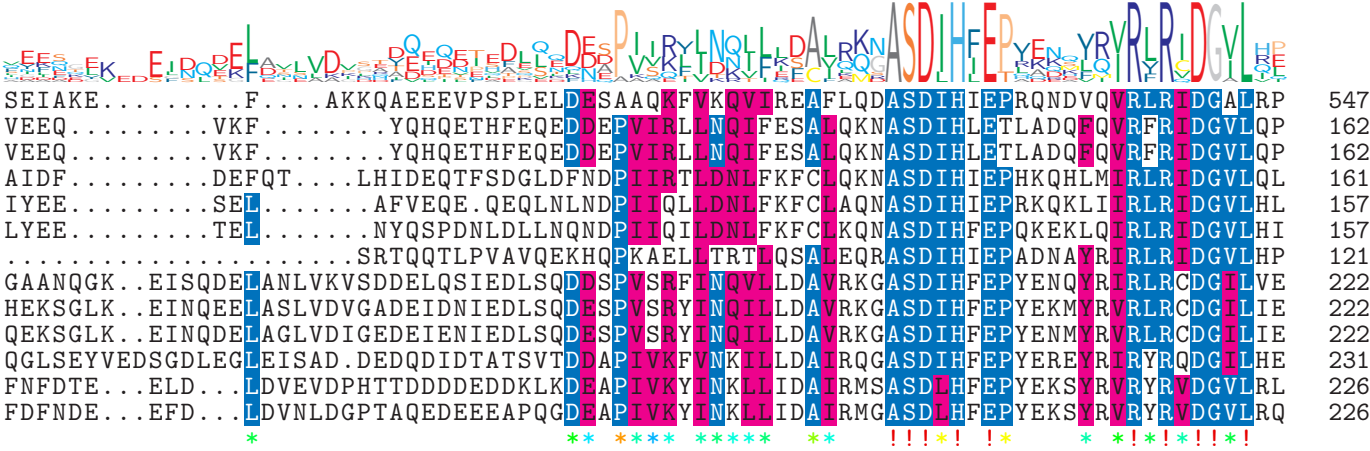
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consensus			

NTDB id	Accession	Sequence	Score
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NTDB id 1168	A1552VC RS11070 WP 000957200.1	MLTNLVAILRQAEELISATQEQA VVTQVSASGTSVPEALLELSIFHAQELTEQLSHIFGLPETDLSRYDY	69
NTDB id 1293	VP RS12240 WP 005479695.1	MHSNLSLILRQKGLLTFSQEESLIEQVKASGISMPEALLSSGFFTSSLEAEHLSSI FGLSQPELSQY EY	69
NTDB id 1401	DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLSSGFFQSHELTEHLSSV FGLSCTSLNQY EY	69
NTDB id 1251	GC085 RS07725 WP 011946523.1	...MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKNKILSAEQIALTA A QNFVGPMLDINCIDV	77
NTDB id 1018	ACIAD RS01685 WP 004920473.1	...MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDIPVYLIDNFSISPLTIAEIIISLEFGEPLLDLGVFDP	77
NTDB id 1058	ABD1 RS01615 WP 001274986.1	...MSALHTSPKFTGFRRRLVEEKHVS AATMQTALDAAKRAKQDTVAYLIEEVHLSPSLLAETISAEFAEYPFDLDVYDT	77
consensus		* * *	

NTDB	id	1028	TT	RS08215	WP	011173991.1	DPGAPLLLPEDLCRRYGVFPHRLEGNRLVLLMKDPRNLLALDDVRLALKRKGLNYESVAPAVATEAAITKLTIERFYGKAEL	480
NTDB	id	1366	NTHI	RS01950	WP	011271972.1	DLWERNQQQQSLLLRYFALPLKEENNRLWLGVDSLSNLSACETIAFITGK....PVEPILLESSQLKELLQQLTPHQM	99
NTDB	id	1355	HI	0298	AAC21962.1		DLWERNQQQQSLLLRYFALPLKEENNRLWLGVDSLSNLSACETIAFITGK....PVEPILLESSQLKELLQQLTPNQMQ	99
NTDB	id	36691	WQG	RS04715	WP	015432350.1	RQWQKNCEDEKQLLRRYLAMPLENEQKTLWALDDENNLNACEIFTFLTHK....QVEPVLVESEELKFLNLSPENEV	94
NTDB	id	1384	A4U84	RS08525	WP	010787006.1	SRWQKNCEEKQLLRLYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTHK....QTEPVVIASDELKYLNLNLSPEQPP	94
NTDB	id	1468	ASU2	RS05090	WP	014991734.1	SLWQKNCEDEKHLRLRYLATPTQENDDTLWLAIDDMNLSACEIFAFIAHK....TIEPVLISSEDELKYLLNQLSPEQQS	93
NTDB	id	1436	BW25113	RS00530	WP	001025145.1	ALCLRYHGVLLDASEEVVHVAVVDAPSHELLDALHFATTK....RIEITCWTRQMEGHA.....	63
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	ANLCQQLGLRELITRYDALPTIAKQGNLLLVADPTLLQAEEEEFRFATGL....QVELALADHRAQLAAIRRLYGRSIQ	144
NTDB	id	1293	VP	RS12240	WP	005479695.1	ASLCQQLGLRELITRHNALPLHRTPTSTLLVADPTNQAEDDFRFATGL....QVELVLADFRELSTAIRRLYGRSLG	144
NTDB	id	1401	DSB67	RS12665	WP	010643259.1	ASLCQQLGLRDLITRHNALPLNRTSSTLLVADPTNQAEDDFRFATGL....QVELVLADFRELTAIRRLYGRSLG	144
NTDB	id	1251	GC085	RS07725	WP	011946523.1	GTIPVNLVNEKLIKRRHAMVPLFSRGTNLYLATDDPSKQASLKEIQFHTGL....NTHAIVVETDKLSALIDNLLTAKES	152
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1	ALFLKDKIDEKLIQKYRIMPLVHRGHVLYVATSNPTNTEAMDIAIRFNSKL....KVEPIIVEHDKLERLSEHFVEETH	152
NTDB	id	1058	ABD1	RS01615	WP	001274986.1	SQIPKDLVDQKLLTKHRIPLIQRGQILYVATSNPSNIEAIDAIRFNSKL....LVEPVIVEHHKLEKVLGQHF AEES	152
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NTDB id	1028	TT	RS08215	WP	011173991.1
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NTDB id	1401	DSB67	RS12665	WP	010643259.1
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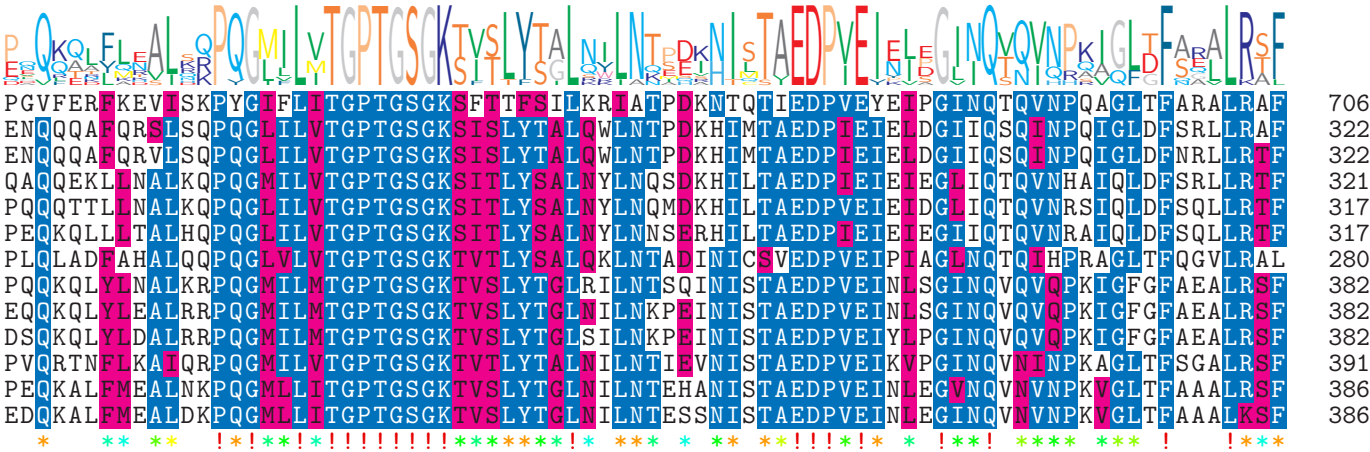
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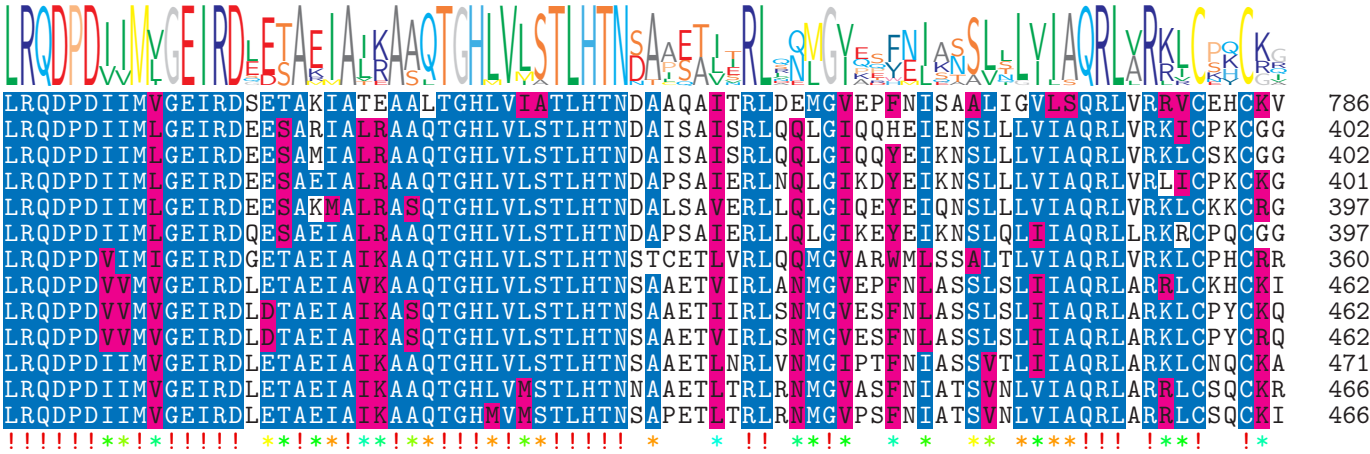
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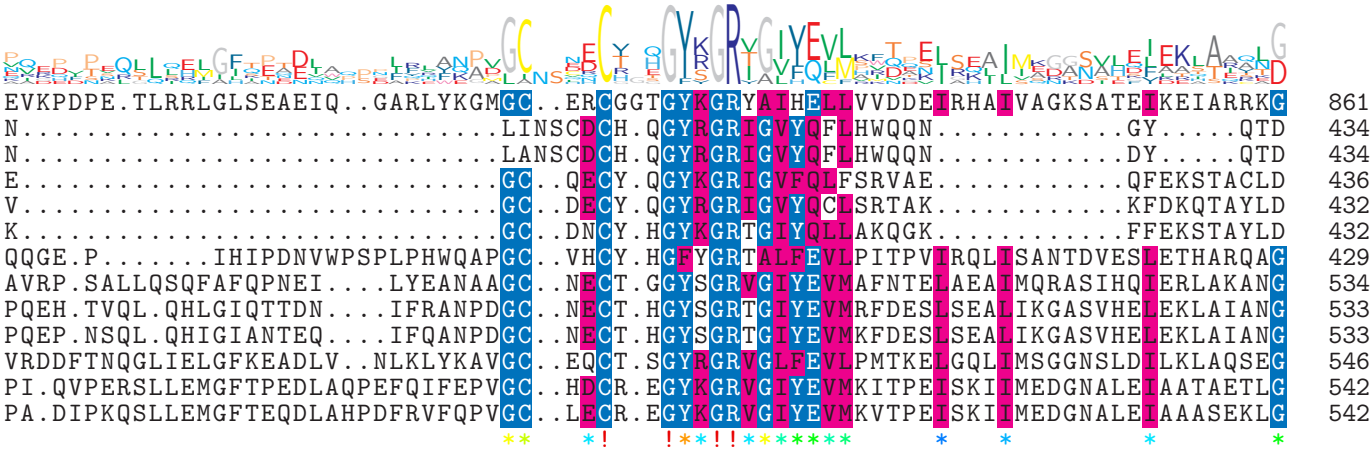
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NTDB id	1293	VP	RS12240	WP	005479695.1
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NTDB id	1018	ACIAD	RS01685	WP	004920473.1
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NTDB id	1058	ABD1	RS01615	WP	001274986.1
consensus					



 non conserved
 similar
 $\geq 50\%$ conserved