

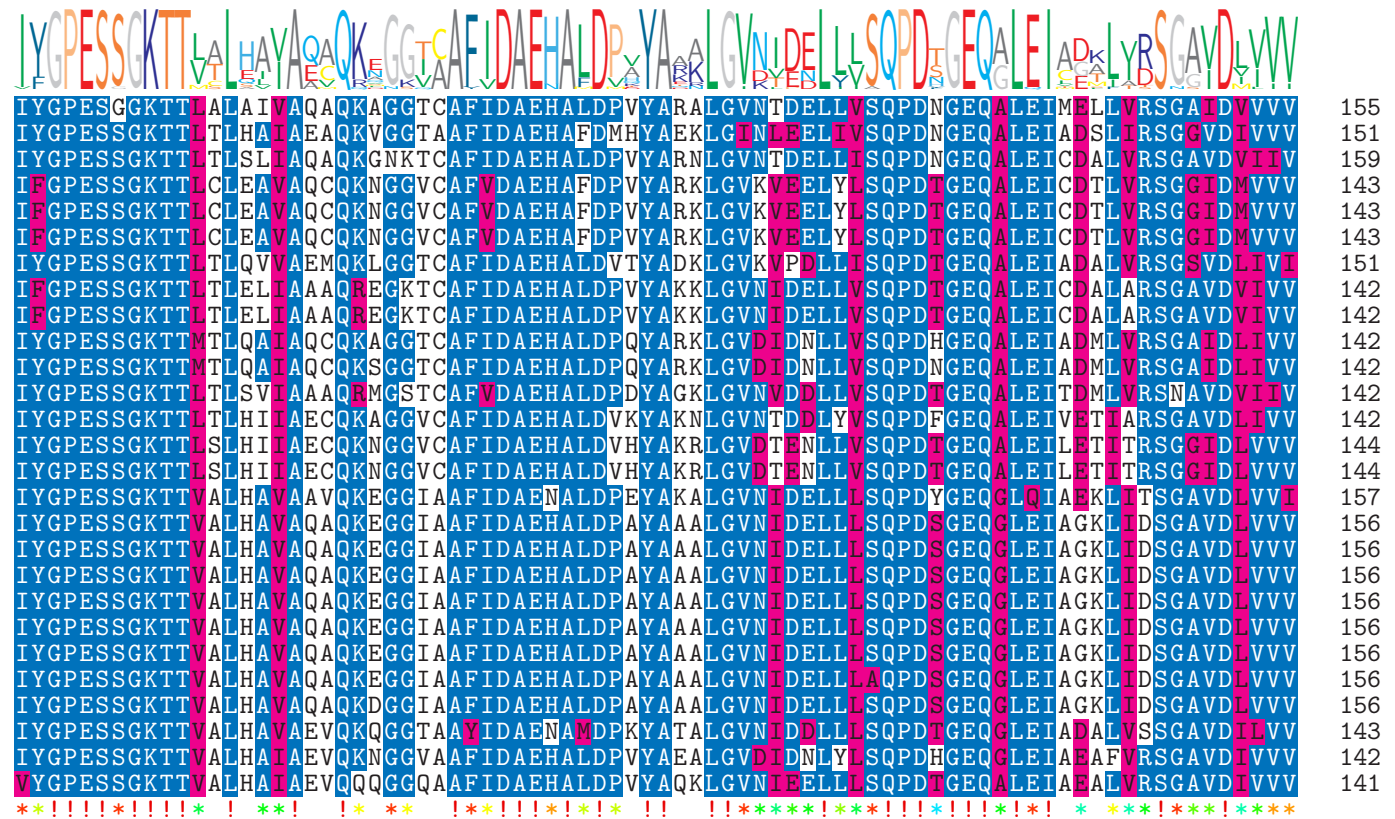
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	MAENKKSSKNNTTVVKQVEPEQKKQALEAALAQIEKQFGKGSIMKLGQT.EQLDIESVSTGSLGLDLALGIGGLPMGRIVE	79
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NTDB id 1124 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQQEENLEVISTGSLGLDLALGVGGLPGRIVE	63
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NTDB id 1427 RS RS02760 WP 011000510.1	MEDG.....KKAASMSAEKQKALAAALAQIEKQFGKGSIMKMGDA.EVEPVQVVSTGSLGLDVALGVGGLPGRVVE	71
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDIALGAGGLPMGRIVE	62
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDDNKSALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLTDIALGIGGLPKGRIVE	62
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENKSALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLTDIALGIGGLPKGRIVE	62
NTDB id 1205 PSJM300 05545 AFN77183.1	MDENKKRALAAALGQIEKQFGKGAVMRMGDH.DRQAIPSIISTGSLGLDIALGIGGLPKGRIVE	62
NTDB id 1245 Cj1673c YP 002345041.1	MDDNKRKSLDAALKSLDKTFGKGTILRLGDK.EVEQIDISIGTGSVGLDLALGIGGVPKGRIVE	62
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKALSLAIKQIDKVFGKGALVRLGDK.QVEKIDISTGSLGLDLALGIGGVPKGRIVE	64
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NTDB id 600 KW2 RS01765 WP 011675413.1	..MATKKKTINFDDITKKYGAERDKALADALALIEKDFGKGSIMRLGAE.ANQKVSVMSSGSLALDIALGAGGYPKGRIVE	77
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NTDB id 499 SM12261 RS08315 WP 078228268.1	...MAKKPKKLDEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGRIVE	76
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NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDAALKKIEKNFGKGSIMRMGEK.VDTQVSTVSSGSLALDEALGVGGYPGRIVE	63
NTDB id 305394 DWB94 RS07100 WP 145423819.1	MDNDRQKALDTVTKNMEKSFGKGAVMKLGDN.KGRRVSSVSSGSVTLDNALGVGGYPKGRIVE	62
NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALKQIEKQFGKGSIMKLGEK.TDTRISTVPSGSLALDTALGIGGYPGRIVE	61
consensus	*** **	

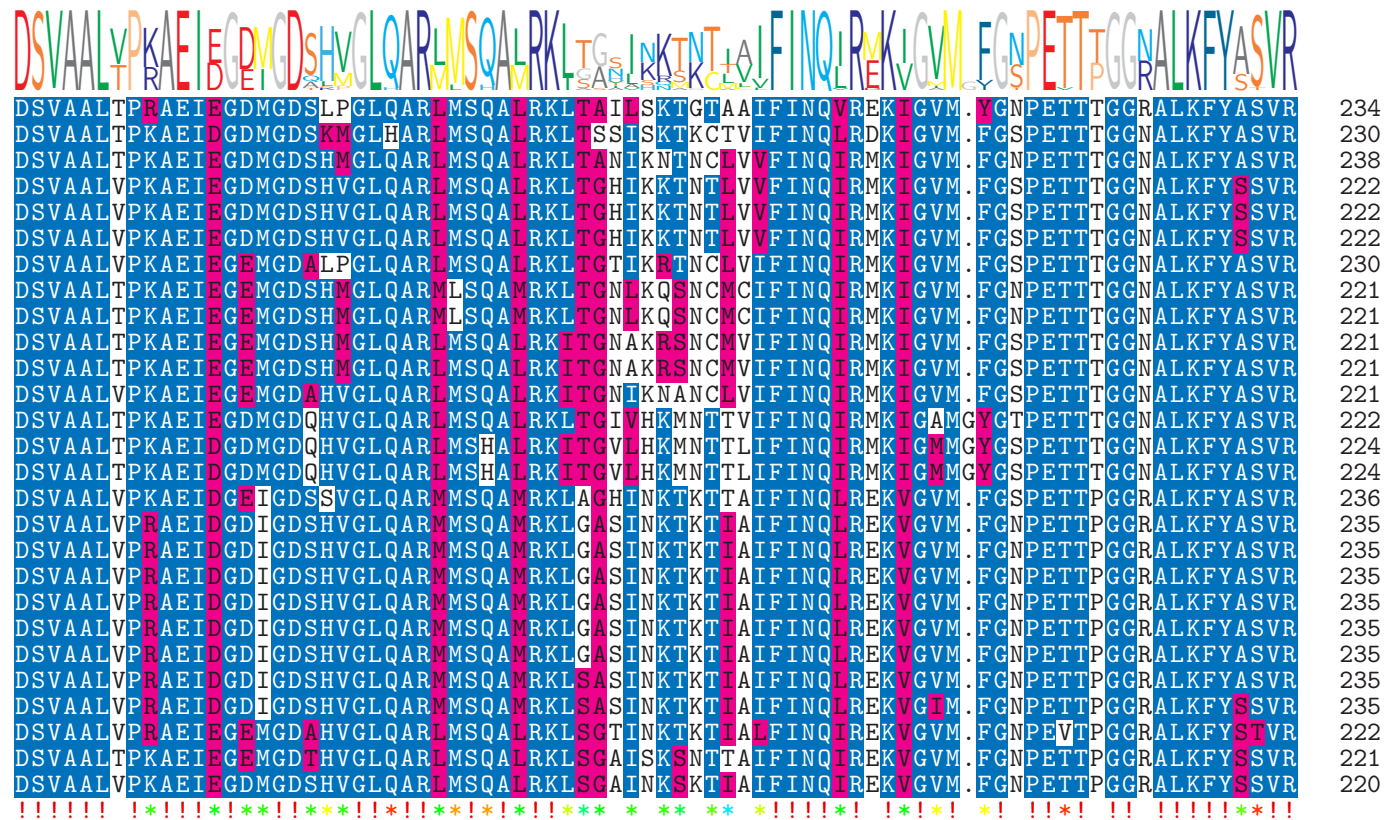
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NTDB id 1165 A1552VC RS01565 WP 000344154.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
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NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
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NTDB id 115 BSU 16940 NP 389576.2
consensus

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NTDB id 115 BSU 16940 NP 389576.2
consensus



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NTDB id 1389 A4U84 RS07560 WP 021112712.1	LDIRRCGV...	V.KDGD	DEIG	SETKV	KVVKNK	VAPPF	REVQ	F	IMYGEG	ISRMN	ELLILA	EANG	FIKKSG	313
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	IDIRRIAS	LKQNE...	QH	IGNRA	KAKVVKNK	VAPP	FRAEF	D	IMFGE	GISKE	GEI	IDY	GVKLD	299
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NTDB id 625 LCA RS02525 WP 011374196.1	LEVRR	AE	TIKNGT	DM	IGNR	ARI	KVVKNK	VAPP	FK	VA	EVDIM	YGQ	GISRT	297
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NTDB id 115 BSU 16940 NP 389576.2	LEVRR	AE	QLKQGN	DV	MGNK	TKIK	VVKNK	VAPP	FRT	AEVD	IMYG	QGIS	KEGEI	295
consensus	***!*			*	*	*	*****!*****!*****!*	*	*****!*****!*****!*	*	*****!*****!*****!*	*		

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NTDB id 1389 A4U84 RS07560 WP 021112712.1	IGQGGKNN	AVKWLKENPEIADKLEQEIRNTLASNPNSVLKATASDSNDES.DVEEFSEEE	L	372				
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NTDB id 1211 C694 RS00795 WP 000963128.1	LGQGRENA	KALLKEDKALADEITLKI	KESIGSN	EEIMPLPDEPLEE.ME	347			
NTDB id 1214 NCTC11637 00359 SQJ03206.1	LGQGRENA	KALLKEDKALADEITLKI	KESIGSN	EEIMPLPDEPLEE.ME	347			
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NTDB id 194 SPR RS08825 WP 001085462.1	IGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGLIDGEEVSEQDTENKKDE	PKKEEA..VNEEVPLDLGDELEIEIEE	388			
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NTDB id 305394 DWB94 RS07100 WP 145423819.1	MGQGGKEN	VKTYLKENPQIKDEIDRKLR	EKLGI	FDGDVEESEDKSSQ.T..LFDEE		348		
NTDB id 115 BSU 16940 NP 389576.2	LGQGRENA	KQFLKENKDIMLMIQEQIREHYGL	DNNGVVQQQAETQ.EE	EFEE		348		
consensus	***!!**	*****	**	*****	*****	**	**	*

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