

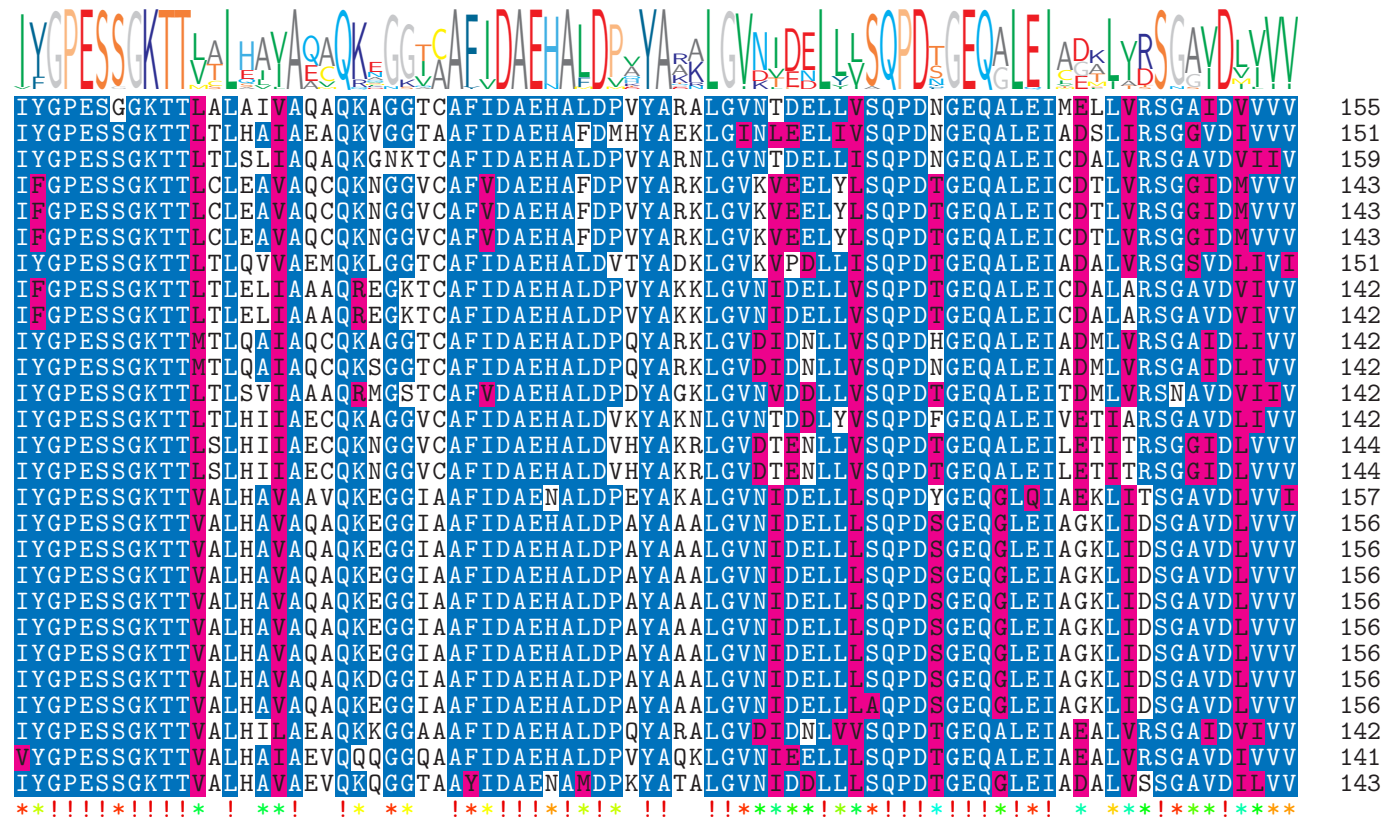
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDIALGAGGLPMGRIVE	62
NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDIALGAGGLPMGRIVE	62
NTDB id 1022 ACIAD RS06390 WP 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	MDDNKRKSLDAALKSLDKTFFGKGTILRLGDK.EVEQIDISIGTGSVGLDLALGIGGVPKGRIVE	62
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDEDKQKATSLAIAIKQIDKVFSGKALVRLGDK.QVEKIDAISTGSLGLDLALGIGGVPKGRIVE	64
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NTDB id 600 KW2 RS01765 WP 011675413.1	..MATKKKTINFDDITKKYGAERDKALADALALIEKDFGKGSIMRLGAE.ANQKVSVMSSGSLALDIALGAGGYPKGRIVE	77
NTDB id 269 KZH43 RS08665 WP 001085462.1	...MAKKPKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGRIVE	76
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NTDB id 194 SPR RS08825 WP 001085462.1	...MAKKPKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGRIVE	76
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NTDB id 453 Spy49 1753c ACI62003.1	...MAKKLKKNEEITKKFGDERRKALDDALKNIEKDFGKGAVMRLGER.AEQKVQVMSSGSLALDIALGAGGYPKGRIVE	76
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NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALKQIEKQFGKGSIMKLGEK.TDTRISTVPSGSLALDTALGIGGYPGRIVE	61
NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERRQAALDAALKKIEKNFGKGSIMRMGEK.VDTQVSTVSSGSLALDEALGVGGYPGRIVE	63
consensus	*** **	

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NTDB id 1427 RS RS02760 WP 011000510.1
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consensus

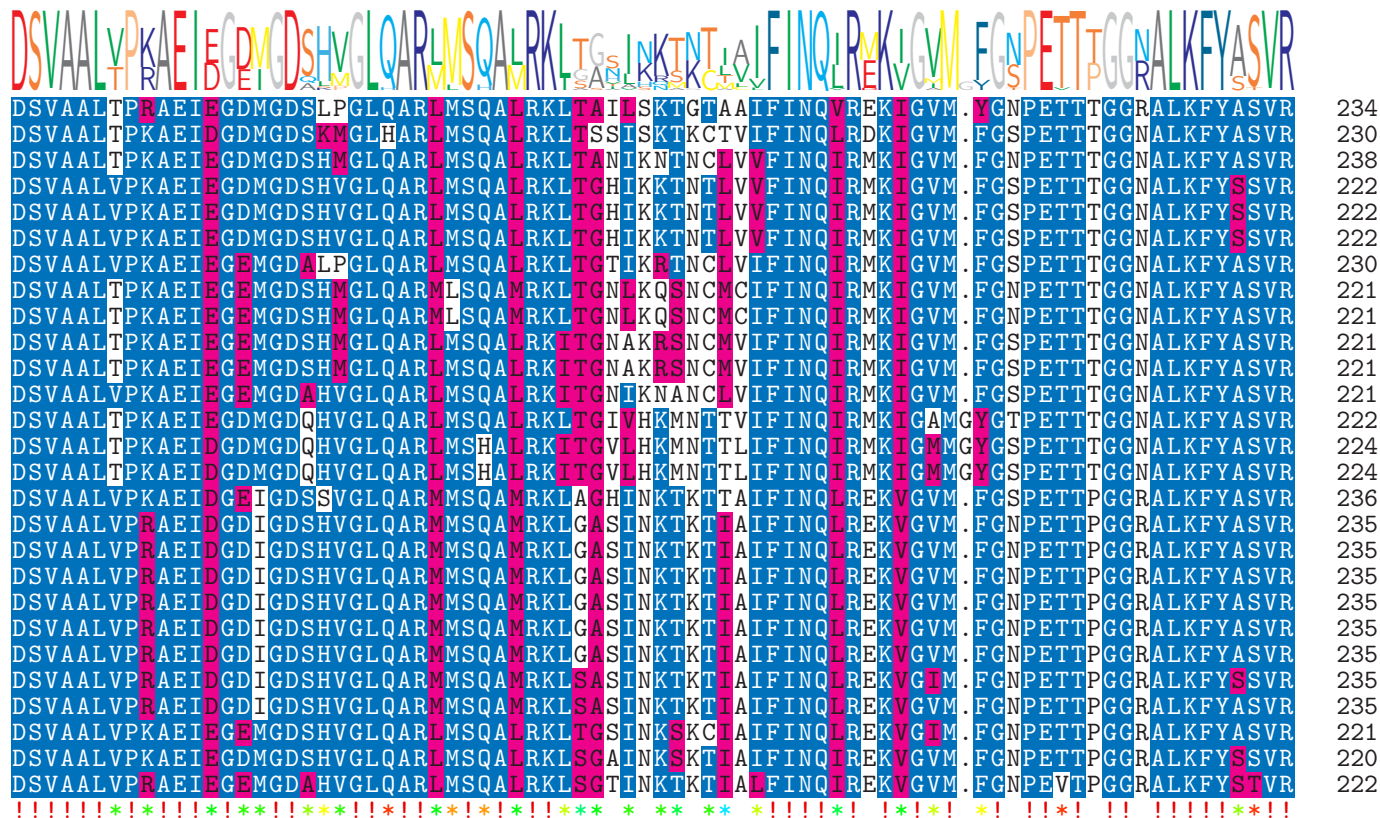
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consensus

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NTDB id 1214 NCTC11637 00359 SQJ03206.1	IDIRRIAAL	KQNE....QH	IGNRA	KAKVVKNKV	AAFFR	REAEF	DIMF	GEGIS	KEGEI	IDY	GV	KLDI	VDKSGAW	LSYQDKK		299		
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NTDB id 115 BSU 16940 NP 389576.2	LEVRRAE	QLKQGN....DV	MGNK	TKIK	VVKNKV	AAFFR	TAEV	DIMY	GEGIS	KEGEI	IDL	GT	ELDI	VQKSG	SWSY	EEER	295	
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consensus	***!*		*	*	*	*	*****!*****!*****!*****!*****!*****!	*	*	*****!*****	*****	***	***	! !*****!	*			

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NTDB id 1142 GTF74 RS11550 WP 000344154.1	IGQGGKANACKYLKENPEIAKTLDKKLREMLLNPNMQLIAETSSAADDVEFGAVPEE.....F.....	354
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NTDB id 115 BSU 16940 NP 389576.2	LGQGGRENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQQAEETQEELEFE..E.....	348
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consensus	*!!!!***** ** ***** ***** ** *	

- non conserved
- similar
- ≥ 50% conserved