

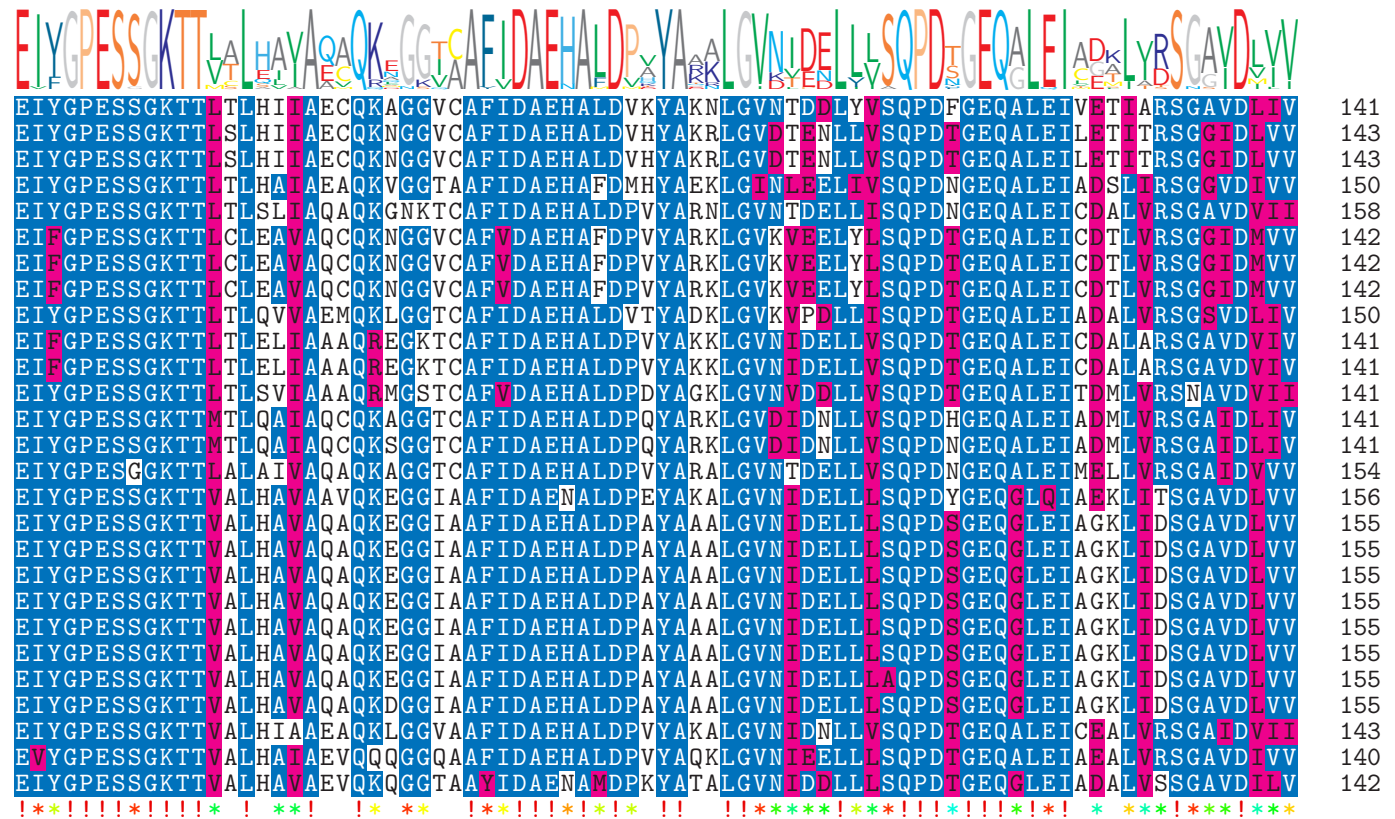
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTVVKKQVEPEQKKQALEAALAQIEKQFGKGSIMKLGQT.EQLDIESVSTGSLGLDLALGIGGLPMGRIV	78
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NTDB id 1123 OK783 RS03845 WP 003688695.1	MSDDKSKALAAALAQIEKSFSGKGAIMKMDGSQREENLEVISTGSLGLDLALGVGGLPGRGRIV	62
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDLALGAGGLPMGRIV	61
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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK...KTNFDDITKKYGAERDKALADALALIEKD FGKGSIMRLGERAE.QKVSVMSSGSLALDLALGAGGYPKGRIV	76
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NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALKQIEKQFGKGSIMKLGKTD.TRISTVPSGSLALDTALGIGGYPRGRIT	60
NTDB id 625 LCA RS02525 WP 011374196.1	MAKD ERQAALDAALKKIEKNFGKGSIMRMGEKVD.TQVSTVSSGSLALDEALGVGGYPRGRIV	62
consensus	*** **	

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NTDB id 1130 NGFG RS03960 WP 003688695.1
NTDB id 1124 NGFG RS03960 WP 003688695.1
NTDB id 1123 OK783 RS03845 WP 003688695.1
NTDB id 1427 RS RS02760 WP 011000510.1
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NTDB id 625 LCA RS02525 WP 011374196.1
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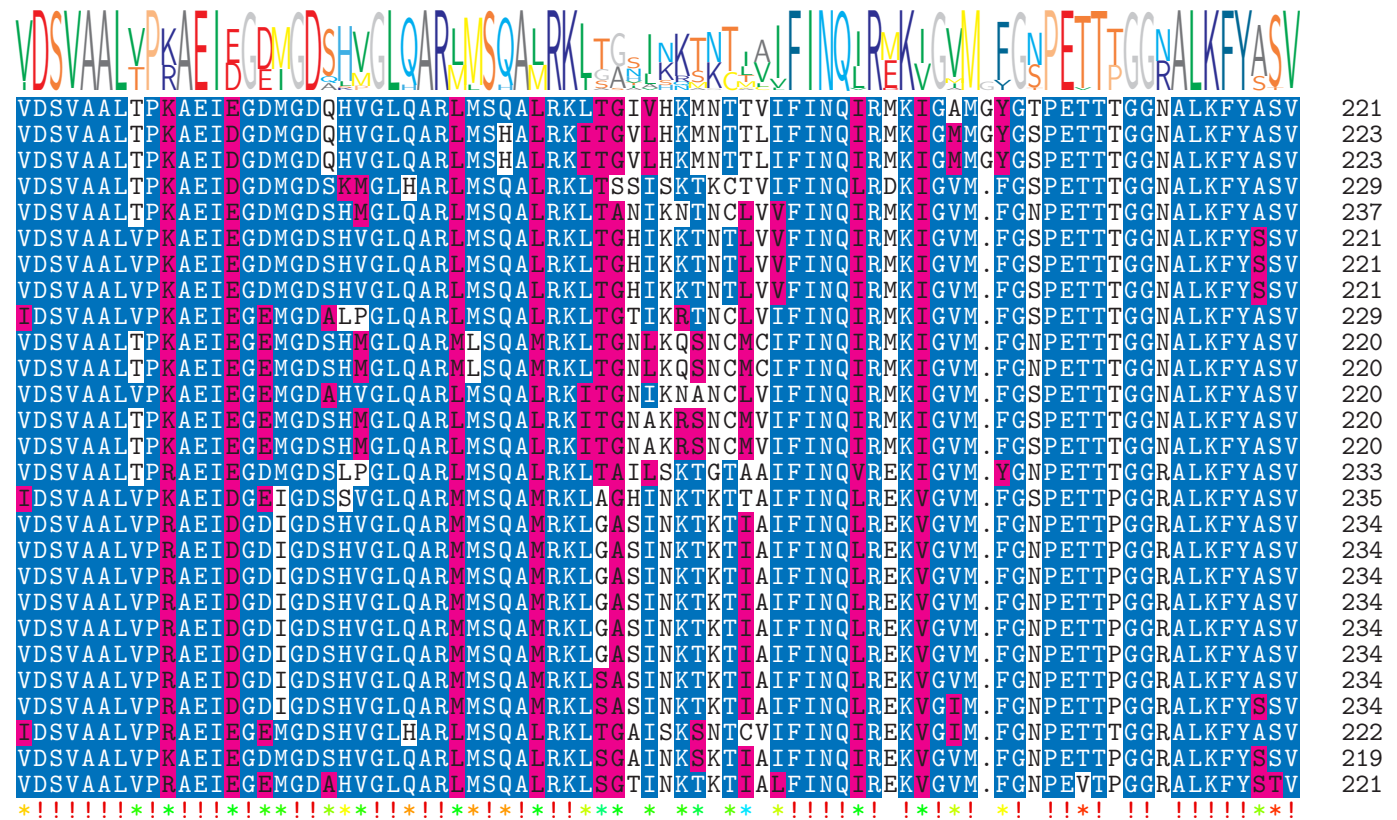
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consensus

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NTDB id 453 Spy49 1753c ACI62003.1	RLDVRGTTQIKGTG.DQKDSS	IGKETKIKV	VKNKVAPPF	KVAEVEI	MYGEGIS	RTEGELV	KIASDL	DI	IQKAGAWFSYNGE	313
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NTDB id 625 LCA RS02525 WP 011374196.1	RLEVRRAEETIKNGT.....DM	IGNRARIK	VKNKVAPPF	KVAEVDI	MYGQGIS	RTEGELV	MAVEKDI	IINKSG	SWSYSGSE	296
consensus	!***!*	*	**	*****!***!!*!!*!!*	*	*****!***!***	*****	***	*** ! !*****!	

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NTDB id 1245 Cj1673c YP 002345041.1	KLGGGRENKAFLENPEIADEITKATQNSMGI	IEGMISGSEDDE..GEE.....	343		
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NTDB id 115 BSU 16940 NP 389576.2	RLGGGRENKQFLKENKDIMLMIQE	IREHYGLDNNGVVQQAEETQE	LEF.E.E.....		348
NTDB id 625 LCA RS02525 WP 011374196.1	RIGQGRENAKNYLADHEDVEDEVRLK	VRAAYGISDVPEEDLPTTEDE	.QINI.LPDDST.....EE.....		355
consensus	***!!!***** ** ***** ***** ** *		*		

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NTDB	id	228	SPD RS09265 WP 001085462.1	E	388
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NTDB	id	159	SP RS09750 WP 001085462.1	E	388
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NTDB	id	115	BSU 16940 NP 389576.2	.	348
NTDB	id	625	LCA RS02525 WP 011374196.1	.	355
consensus					

- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved