

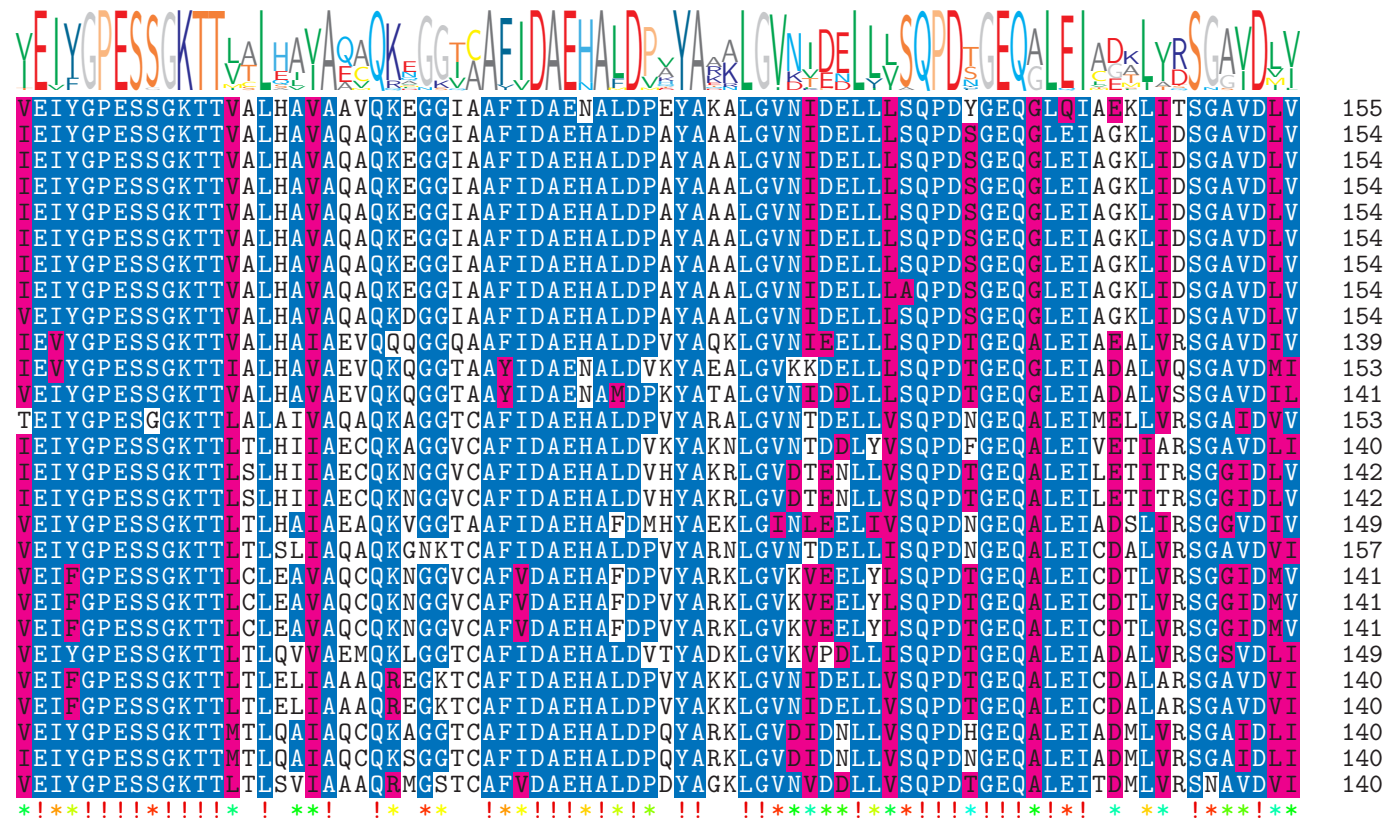
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NTDB id 68651 CCX80 RS04080 WP 096638989.1	MVVK...KTTKKDDQ..AKKDGRRALDEALKKIEKNFGKGSVMTLGDN.ALTQIETIPSGSVKIDVALGVGGYPKGRI	73
NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDAALKKIEKNFGKGSIMRMGEK.VDTQVSTVSSGSLALDEALGVGGYPGRRI	61
NTDB id 1313 DR RS12030 WP 010888966.1	MSKDATKEISAPTDAKERSKATETAMSQIEKAFGKGSIMKLGAE.SKLDVQVVSTGSLSLDLALGVGGIPRGRI	73
NTDB id 1245 Cj1673c YP 002345041.1	MDNKRKSLDAALKSLDKTFGKGTILRLGDK.EVEQIDSIGTGSVGLDLALGIGGVPKGRI	60
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKATISLATIKQIDKVFGKGALVRLGDK.QVEKIDSISTGSLGLDLALGIGGVPKGRI	62
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDEDKQKATISLATIKQIDKVFGKGALVRLGDK.QVEKIDAISTGSLGLDLALGIGGVPKGRI	62
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKT..ETTSPNDDKKKALAAVLEKLDKTYGKGTVMKLGDDGTVDHNIIEVIPSGSLGLDLALGVGGYPKGRI	69
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NTDB id 1130 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALAQIEKSFKGAIMKMDGSQQUEENLEVISTGSLGLDLALGVGGLPRGRI	61
NTDB id 1124 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALAQIEKSFKGAIMKMDGSQQUEENLEVISTGSLGLDLALGVGGLPRGRI	61
NTDB id 1123 OK783 RS03845 WP 003688695.1	MSDDKSKALAAALAQIEKSFKGAIMKMDGSQQUEENLEVISTGSLGLDLALGVGGLPRGRI	61
NTDB id 1427 RS RS02760 WP 011000510.1	MEDG.....K..KAASMSAEKQKALAAALAQIEKQFGKGSIMKMGDA.EVEPVQVVSTGSLGLDVALGVGGLPRGRV	69
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDNKSALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDIALGIGGLPKGRI	60
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENKSALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDIALGIGGLPKGRI	60
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NTDB id 194 SPR RS08825 WP 001085462.1
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NTDB id 527 SMSK321 RS11065 WP 001085454.1
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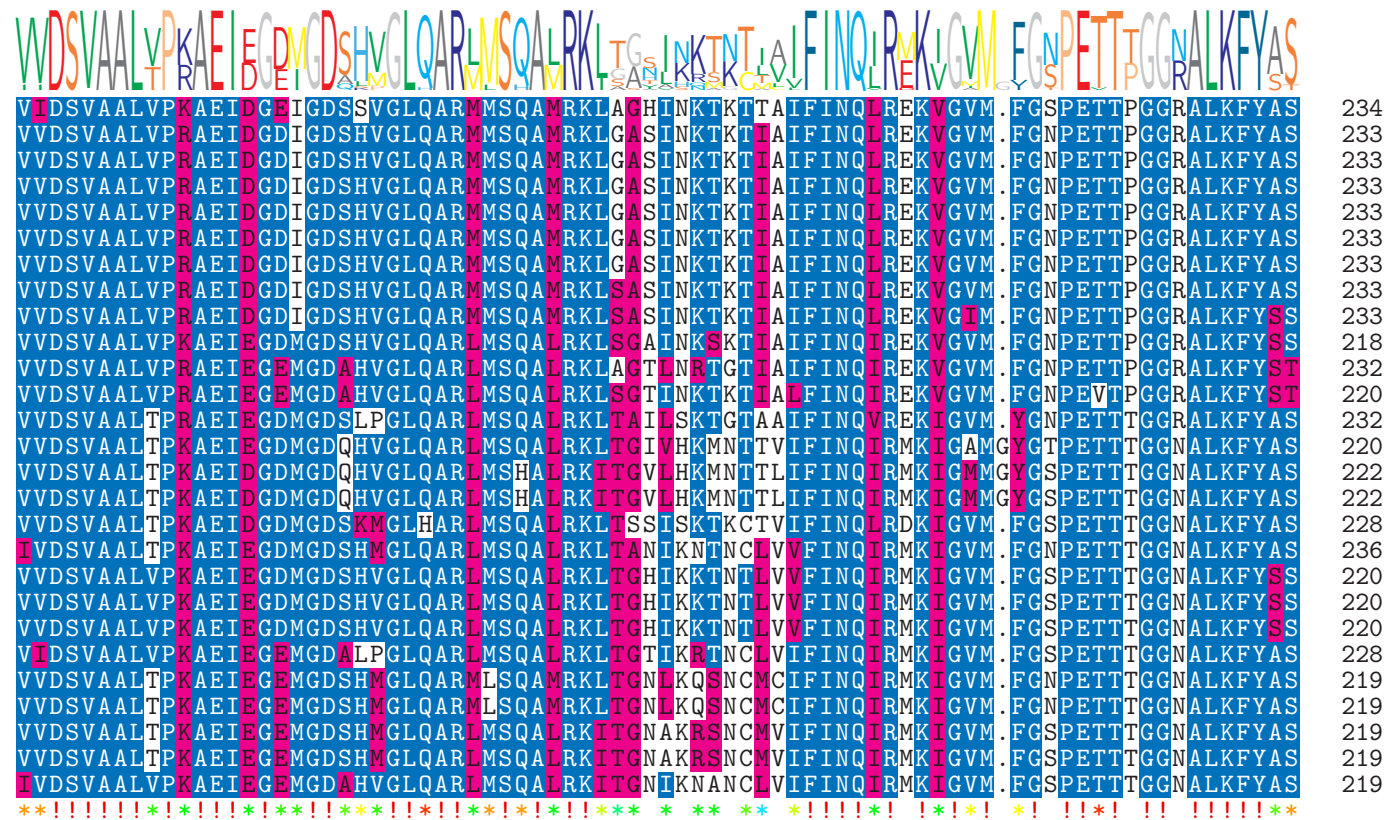
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	VRLDIRRTGA...I.KEGEEVVGNETRIKVVKNKIAAPFKAEANTQIMYGGGFNREGELIDLGVKHKMVEKSGAWYSYNG	294
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	VRLDIRRIGQ...V.KEGDEIIGSETKVKVVKNKMAPPFKAEIFQILYGGKGTNQLGELVDLAVQQDIVQKAGAWYSYQG	294
NTDB id 1205 PSJM300 05545 AFN77183.1	VRLDIRRTGA...V.KEGDEVVGSETRKKVVKNKVAPPFRQAEDFQILYGGKIYRNGEIIDLGVQQGLVEKSGAWYAYKG	294
consensus	!!****!* * ** *****!!!!!!*! * * ****!*!**** ***** ** *** ! !*****!	

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NTDB id 194 SPR RS08825 WP 001085462.1	EKIGQGS	ENAKKYLAEHPE	..IFDEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	PKKEEA	..VNEEVPLDLGDE	...	381			
NTDB id 159 SP RS09750 WP 001085462.1	EKIGQGS	ENAKKYLAEHPE	..IFDEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	PKKEEA	..VNEEVPLDLGDE	...	381			
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NTDB id 1211 C694 RS00795 WP 000963128.1	KKLGQGR	ENAKALLKEDKA	..LADEITLKIKESIGS	NEEI	MPLPDE	..PLEEM	..E		347		
NTDB id 1214 NCTC11637 00359 SQJ03206.1	KKLGQGR	ENAKALLKEDKA	..LADEITLKIKESIGS	NEEI	MPLPDE	..PLEEM	..E		347		
NTDB id 1334 RAOC RS04870 WP 004918236.1	TKLGQGR	DTVKELTKDNPE	..LAELEAKIREKLQAK				...	343			
NTDB id 1389 A4U84 RS07560 WP 021112712.1	TKIGQGG	KNNAVKWLKENPE	..IADKLEQEIRNTLAS	NPNS	VLKATASDSNDES	..DVEEFSEEL		372			
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NTDB id 1427 RS RS02760 WP 011000510.1	ERIGQGR	DNCREFLRENAE	..LAREIENKVRHLGV	TPMG	AVTLA	..EEVEED		352			
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NTDB id 1205 PSJM300 05545 AFN77183.1	SKIGQGG	KANAACYLEENPE	..IGQEIEQQIRAKLL	VTSAN	TKATPVAEDLADA	..DI		...	347		
consensus	**!	***	**	*	**	*	*****	**	*	*	*

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NTDB id 600 KW2 RS01765 WP 011675413.1		387
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consensus		

-  non conserved
-  similar
-  ≥ 50% conserved