

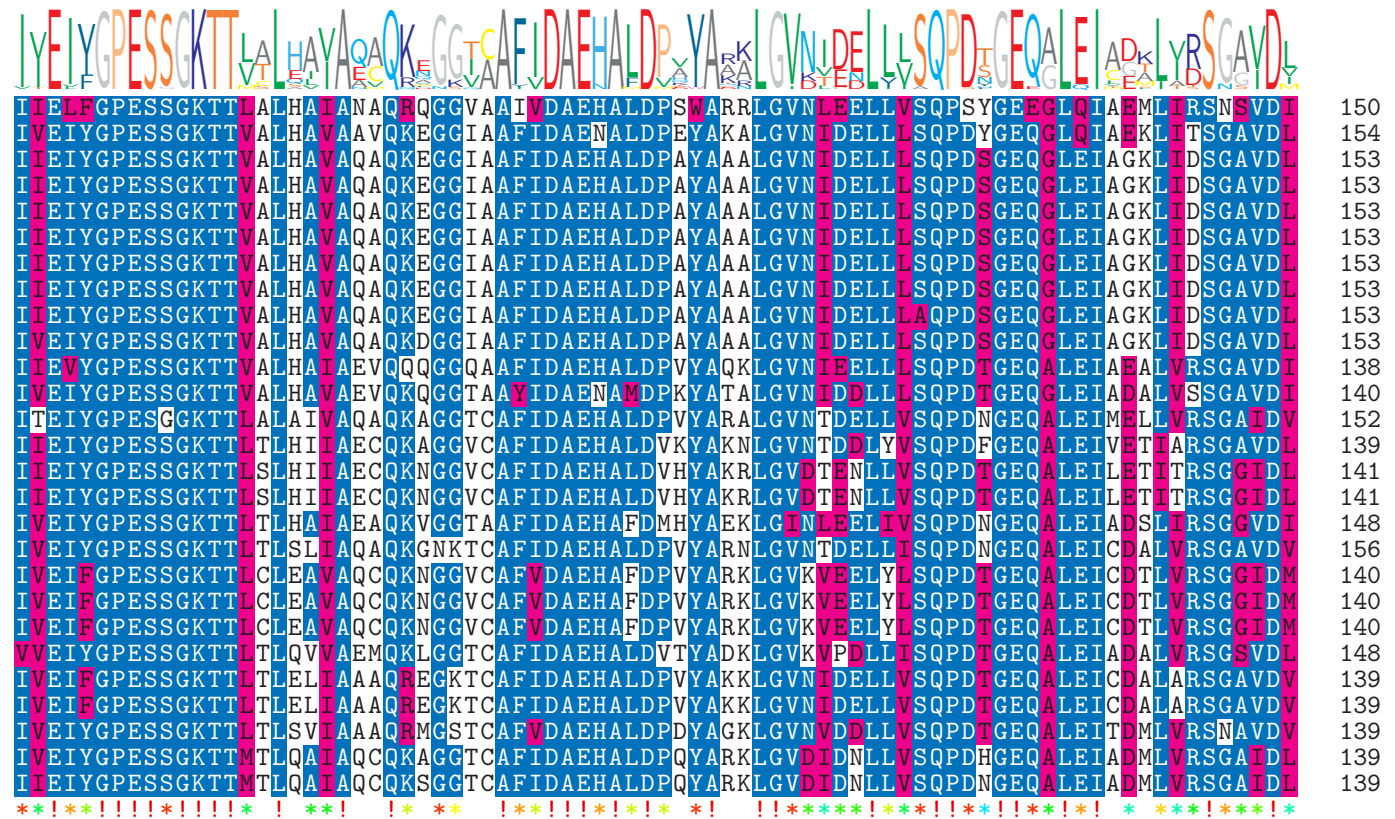
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NTDB id 39964 PLABR RS13560 WP 013629014.1	.MAKA.....RA...KSSAADNGSSEKVL	DNALGQIEKAFGKGSIMRLSDN	.ADDAVPGIPTGALS	SLDMALGGAGFP	RGR	70
NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK.....KTNFDDITKKYGA	ERDKALADALALIEKDFGKGSIMRLGEA	.ANQKVSVVSSGSLALDIALGAGGY	PKGR		74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLIEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGY	PKGR		73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLIEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGY	PKGR		73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLIEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGY	PKGR		73
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NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK.....PKKLDEISKKFGA	EREKALNDALKLIEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGY	PKGR		73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK.....LKKNEEITKKFGD	ERRKALDDALKNIEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDIALGAGGY	PKGR		73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR.....IKKTEEITKKFGD	ERKKALDDALKNIEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDIALGAGGY	PKGR		73
NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALKQIEKQFGKGSIMKLGEK	.TDTRI	STVPSGSLALDTALGIGGY	PRGR		58
NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDAALKKIEKNFGKGSIMRMGEK	.VDTQV	STVSSGSLALDEALGVGGY	PRGR		60
NTDB id 1313 DR RS12030 WP 010888966.1	MSKDATKEISAPTDAKERSKATETAM	SQIEKAFGKGSIMKLGAE	.SKLDVQV	VSTGSLSLDLALGVGGI	PRGR	72
NTDB id 1245 Cj1673c YP 002345041.1	MDDNKRKSLDAALKSLDKTFGKGTILRLGDK	.EVEQID	ISTG	SVGLDLALGIGGV	PKGR	59
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKAISLAIKQIDKVF	FGKGALVRLGDK	.QVEKID	ISTGSLGLDLALGIGGV	PKGR	61
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDEDKQKAISLAIKQIDKVF	FGKGALVRLGDK	.QVEKID	ISTGSLGLDLALGIGGV	PKGR	61
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKT..ETTSPND	DKKKALAAVLEKLDKTYGKGTVMKLG	DGTVDH	NIEVIPSGSLGLDLALGVGGY	PKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..VKQVEPEQ	KKQALEAALAQIEKQFGKGSIMKLGQT	.EQLDIE	SVSTGSLGLDLALGIGGL	PMGR	76
NTDB id 1130 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGA	IMKMDGSQ	QEENLEVI	ISTGSLGLDLALGVGGL	PRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGA	IMKMDGSQ	QEENLEVI	ISTGSLGLDLALGVGGL	PRGR	60
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NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EKQKALAAALAQIEKQFGKGSIMKMGDA	.EVEPVQV	VSTGSLGLDVALGVGGL	PRGR	68
NTDB id 1165 A1552VC RS01565 WP 000344154.1	MDENKQKALAAALGQIEKQFGKGSIMRLGDN	.RAMDVET	ISTGSLSLDIALGAGGL	PMGR		59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDENKQKALAAALGQIEKQFGKGSIMRLGDN	.RAMDVET	ISTGSLSLDIALGAGGL	PMGR		59
NTDB id 1205 PSJM300 05545 AFN77183.1	MDENKKRALAAALGQIEKQFGKGAVMRMGDH	.DRQAIP	SISTGSLGLDIALGIGGL	PKGR		59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDDNKS	KALQAALSQIEKQFGKNTVMRLGDN	.TVQAVEA	VSTGSLTLDIALGIGGL	PKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENKS	KALQAALSQIEKQFGKNTVMRLGDN	.TVQAVEA	VSTGSLTLDIALGIGGL	PKGR	59
consensus	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	

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NTDB id 159 SP RS09750 WP 001085462.1
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NTDB id 453 Spy49 1753c ACI62003.1
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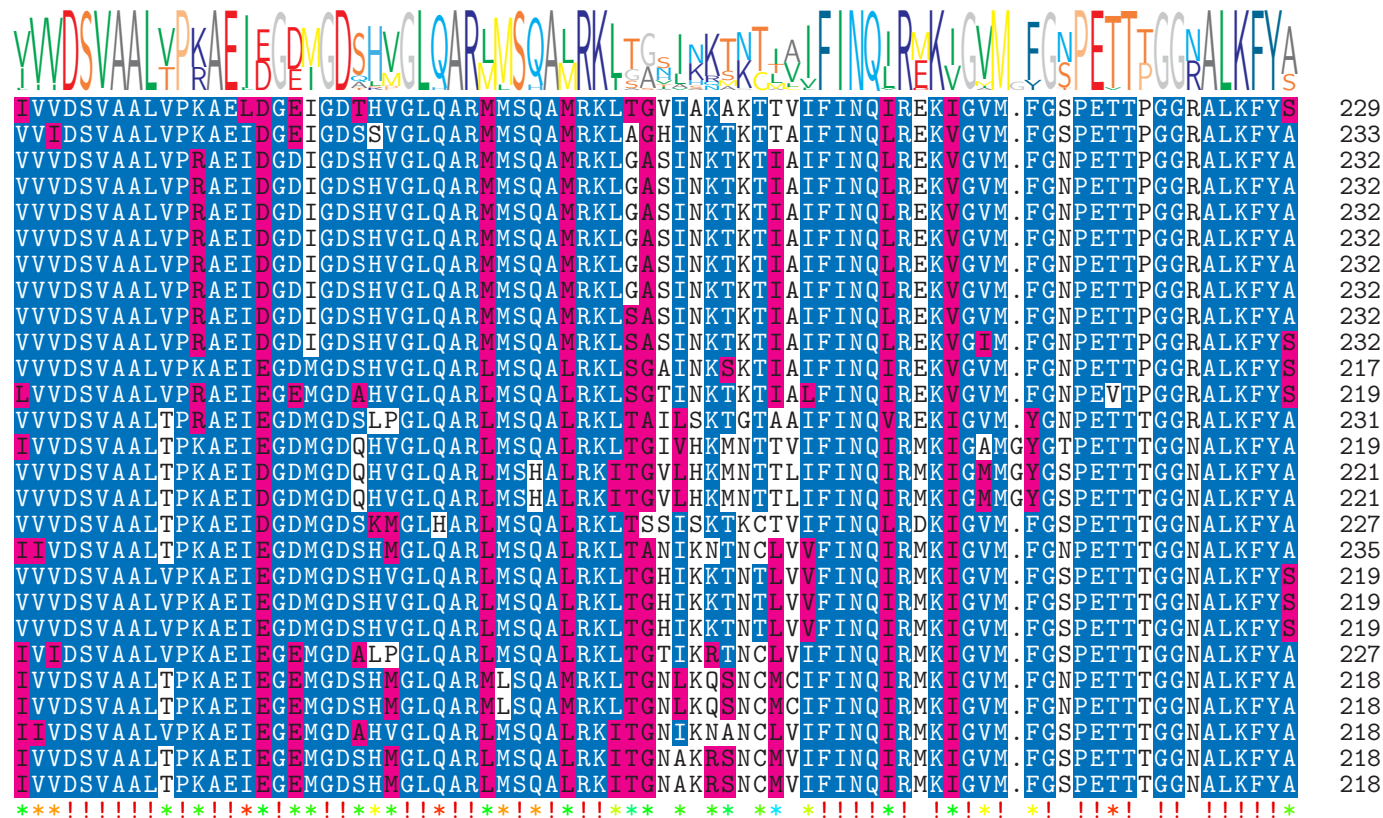
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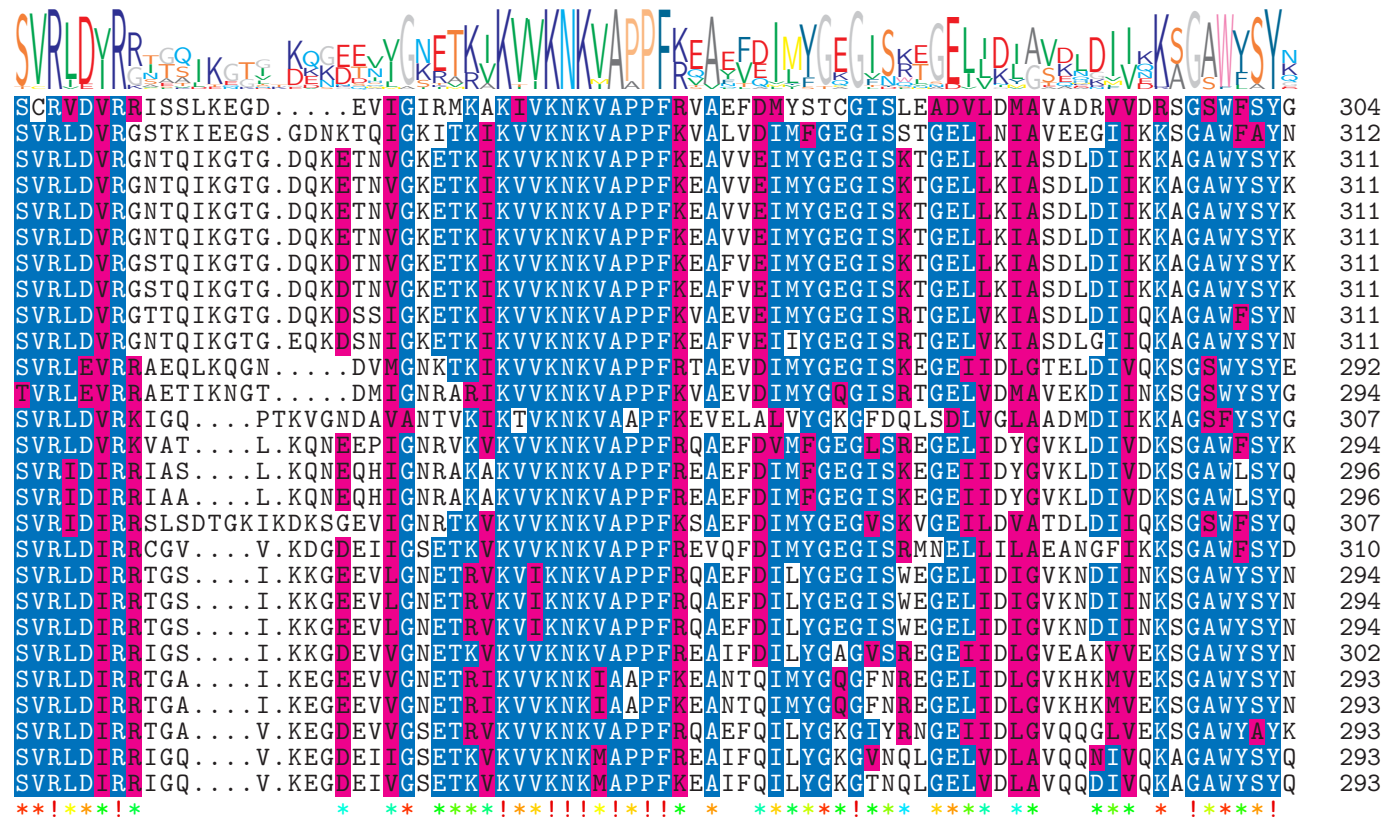
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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Sequence	Score
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DEKIGGQSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE	385
DEKIGGQSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE	385
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DEKIGGQSENAKKYLADNPEIFDEIDHKQVRVQFGLIDGEEIAE...SKKDE...AAQVDS..VNEEVTLDLGDLEIE	381
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GEKIGGQSENAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELE	382
EERLGGGRENAAKQFLKENKDIMLMIQEIRHYGLDNNGVVQQAAETQEEL.EFE.E.....	348
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DKKLGQGRNSKAFLENPEIADAITKAIQNSMGIIEGMI.....SGSEDDE..GEE.....	343
DKKLGQGRNSKAFLENPEIADAITKAIQNSMGIIEGMI.....MPLPDEP..LEEME.....	347
DKKLGQGRNSKAFLENPEIADAITKAIQNSMGIIEGMI.....MPLPDEP..LEEME.....	347
DTKLGGGRDITVKELIKDNPELAEELEAKIREKLQAK.....	343
GTKIGGQKNNAVKWLKENPEIADKLEQETIRNTLASNPNS.....VLKATASDSNDESDV..EEFSEEEEL.....	372
GAKIGGQKDNVRVWLKENPEISDEIDAKIRALNGVEMHI.....TEGT.....QDET..GERPEE.....	348
GAKIGGQKDNVRVWLKENPEISDEIDAKIRALNGVEMHI.....TEGT.....QDET..GERPEE.....	348
GAKIGGQKDNVRVWLKENPEISDEIDAKIRALNGVEMHI.....TEGT.....QDET..GERPEE.....	348
GERIGGGRDNCREFLRNAAELARENKVRREHLGVTPMG.....AV.TLAEVEED.....	352
GDKIGGQKANACKYLKENPEIAKTLDKKLREMLLNPNEM.....QLIAETSSAADDVEF..GAVPEEF.....	354
GDKIGGQKANACKYLKENPEIAKTLDKKLREMLLNPNEM.....QLIAETSSAADDVEF..GAVPEEF.....	354
GSKIGGQKANAAKYLEENPEIGQIEEQIRAKLLVTSAN.....TKATPVAEDLADADI.....	347
GNKIGGQKNNVIRYLEENPQISTEIEAVIREQLLTKASD.....QTAH.HDETEEEPDL..L..ES.....	349
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		IEE	
NTDB id 39964 PLABR RS13560 WP 013629014.1	...	357	
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NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388	
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349	
consensus			

- X non conserved
- X similar
- X ≥ 50% conserved