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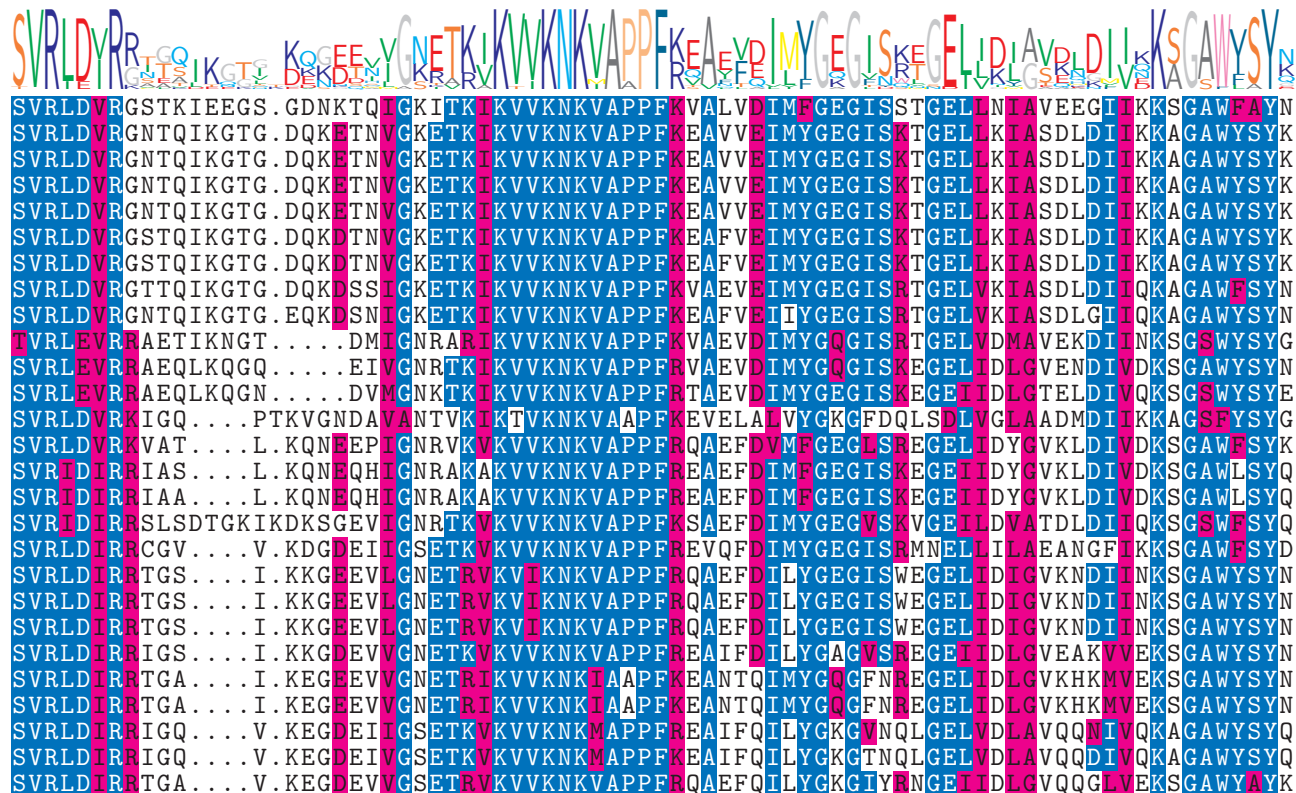
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NTDB id 115 BSU 16940 NP 389576.2MS	DRQAALDMALK	QIEKQFGKGSIMKLG	EK.TDTRI	STVPSGSLALDTALGIGGYPRGR	58		
NTDB id 1313 DR RS12030 WP 010888966.1MSKDATKEISAPTD	AKERSKAT	ETAMSQIEKA	FGKGSIMKLGAE	.SKLDVQVVSTG	SLSLDLALGVGGYPRGR	72	
NTDB id 1245 Cj1673c YP 002345041.1MDDN	KRKSALDAALKS	LDKTFGKGTILRLGDK	.EVEQIDS	IGTGSVGLDLALGIGGVPRGR	59		
NTDB id 1211 C694 RS00795 WP 000963128.1MAIDE	DKQKATSLA	IKQIDKVF	FGKGALVRLGDK	.QVEKIDS	ISTGSLGLDLALGIGGVPRGR	61	
NTDB id 1214 NCTC11637 00359 SQJ03206.1MAIDE	DKQKATSLA	IKQIDKVF	FGKGALVRLGDK	.QVEKIDA	ISTGSLGLDLALGIGGVPRGR	61	
NTDB id 1334 RAOC RS04870 WP 004918236.1MAKT..ETTSPND	DKKKALAAVLEK	LDKTYGKGTVMKLG	DGTVDHNI	IEVIPS	SGSLGLDLALGVGGYPRGR	68	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKSSKNNTV..VKQVEPE	QKQKALEAALA	QIEKQFGKGSIMKLG	QT.EQLDI	ESVSTGSLGLDLALGIGGLPMGR	76		
NTDB id 1130 NGFG RS03960 WP 003688695.1MSD	DKSKALAAALA	QIEKSF	FGKGAIMKMDGSQ	QEEENLEVI	ISTGSLGLDLALGVGGLPRGR	60	
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NTDB id 1123 OK783 RS03845 WP 003688695.1MSD	DKSKALAAALA	QIEKSF	FGKGAIMKMDGSQ	QEEENLEVI	ISTGSLGLDLALGVGGLPRGR	60	
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EKQKALAAALA	QIEKQFGKGSIMKMG	DA.EVEPVQVVSTG	SLGLDV	ALGVGGLPRGR	68	
NTDB id 1165 A1552VC RS01565 WP 000344154.1MDEN	KQKALAAALG	QIEKQFGKGSIMRLG	DN.RAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59	
NTDB id 1142 GTF74 RS11550 WP 000344154.1MDEN	KQKALAAALG	QIEKQFGKGSIMRLG	DN.RAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59	
NTDB id 1022 ACIAD RS06390 WP 004925639.1MDDN	KSKALQAALS	QIEKQFGKNTVMRLG	DN.TVQAVEAVSTG	SLTLDI	ALGIGGLPKGR	59	
NTDB id 1074 ABD1 RS10195 WP 000344167.1MDEN	KSKALQAALS	QIEKQFGKNTVMRLG	DN.TVQAVEAVSTG	SLTLDI	ALGIGGLPKGR	59	
NTDB id 1205 PSJM300 05545 AFN77183.1MDEN	KKRALAAALG	QIEKQFGKGAVMRMG	DH.DRQA	IPS	ISTGSLGLDI	ALGIGGLPKGR	59
consensus		**	***	**	***!	*!!*****	*	***!!*!!*!!*!!*!!*!!*!!*!!*!!*!!

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NTDB id 600 KW2 RS01765 WP 011675413.1	VVIDSVAALVPKAEIDGEIGDSSVGLQARMMSQAMRKLGHINKTKTTAIFINQLREKVGVM.FGSPETTPGGRALKFYA	233
NTDB id 269 KZH43 RS08665 WP 001085462.1	VVVDSVAALVPRAEIDGDIIGDSHVGLQARMMSQAMRKLGNASINKTKTIAIFINQLREKVGVM.FGNPETTPGGRALKFYA	232
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NTDB id 194 SPR RS08825 WP 001085462.1	VVVDSVAALVPRAEIDGDIIGDSHVGLQARMMSQAMRKLGNASINKTKTIAIFINQLREKVGVM.FGNPETTPGGRALKFYA	232
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	VVVDSVAALVPRAEIDGDIIGDSHVGLQARMMSQAMRKLGNASINKTKTIAIFINQLREKVGVM.FGNPETTPGGRALKFYA	232
NTDB id 453 Spy49 1753c ACI62003.1	VVVDSVAALVPRAEIDGDIIGDSHVGLQARMMSQAMRKLGNASINKTKTIAIFINQLREKVGVM.FGNPETTPGGRALKFYA	232
NTDB id 408 SMU RS09530 WP 002262392.1	VVVDSVAALVPRAEIDGDIIGDSHVGLQARMMSQAMRKLGNASINKTKTIAIFINQLREKVGVM.FGNPETTPGGRALKFYA	232
NTDB id 625 LCA RS02525 WP 011374196.1	LVVDSVAALVPRAEIEGEMGDHVVGLQARLMSQALRKLSGTINKTKTIAIFINQIREKVGVM.FGNPEVTPGGRALKFYA	219
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NTDB id 115 BSU 16940 NP 389576.2	VVVDSVAALVPKAEIEGDMGDSSHVGLQARLMSQALRKLSGAINKSKTIAIFINQIREKVGVM.FGNPETTPGGRALKFYA	217
NTDB id 1313 DR RS12030 WP 010888966.1	VVVDSVAALTPRAEIEGDMGDSSLPLGLQARLMSQALRKLTAILSKTGTAIFINQVREKIGVM.YGNPETTTGGNALKFYA	231
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NTDB id 1130 NGFG RS03960 WP 003688695.1	VVVDSVAALVPKAEIEGDMGDSSHVGLQARLMSQALRKLTGHIKKTNTLVFINQIRMKIGVM.FGSPETTTGGNALKFYA	219
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consensus	***!!!!!! *!!!!*!***!!***!!*!!!!*!*** * ** * * *!!!!*! *!!!! *! *!!!! *! *!!!!*	

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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
 NTDB id 194 SPR RS08825 WP 001085462.1
 NTDB id 159 SP RS09750 WP 001085462.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
 NTDB id 527 SMSK321 RS11065 WP 001085454.1
 NTDB id 453 Spy49 1753c ACI62003.1
 NTDB id 408 SMU RS09530 WP 002262392.1
 NTDB id 625 LCA RS02525 WP 011374196.1
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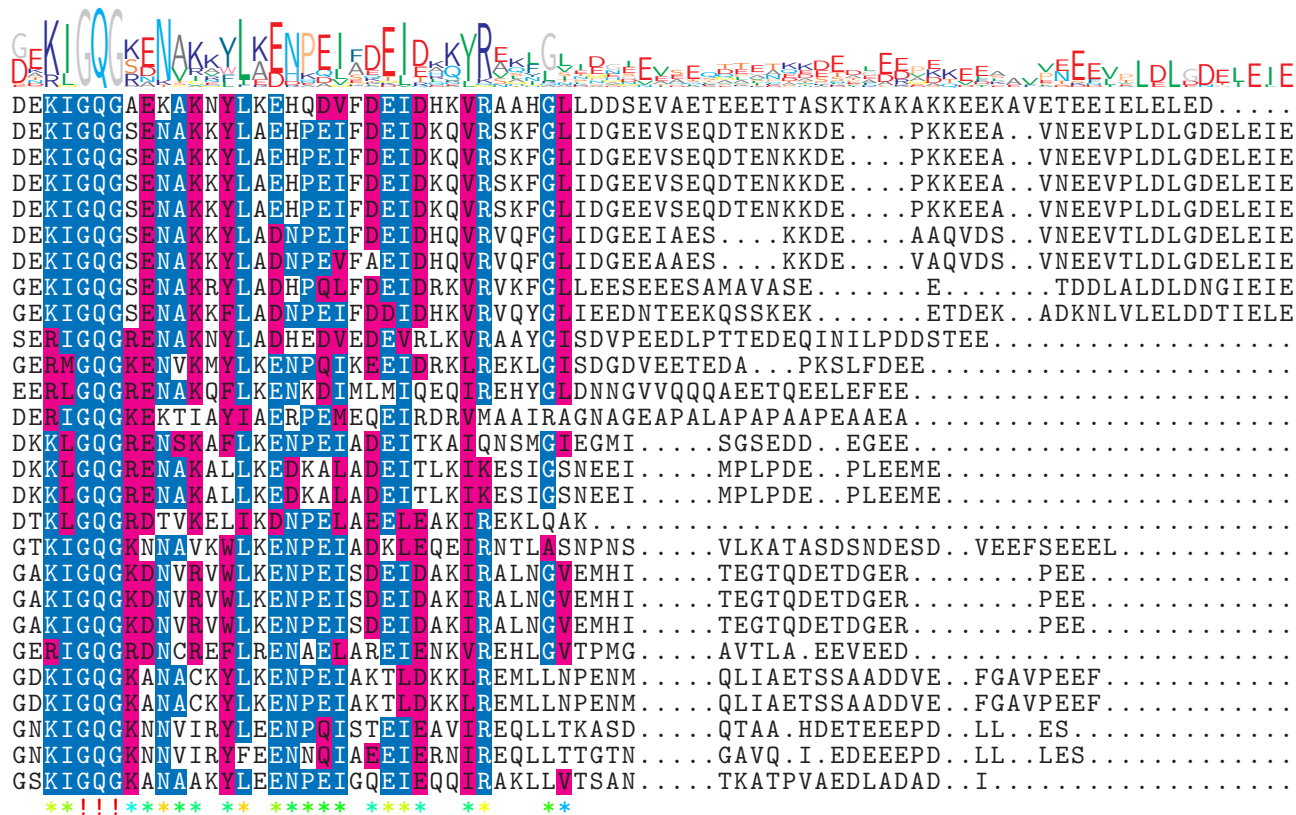
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NTDB id 600 KW2 RS01765 WP 011675413.1
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 NTDB id 1074 ABD1 RS10195 WP 000344167.1
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consensus






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consensus

 non conserved
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 ≥ 50% conserved