

logo

NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK....KTNFDDITKKYGAERDKALADALALIEKD FGKGSIMRLGEA.ANQKVS	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....PKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....PKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK....PKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....PKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK....PKKLDEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK....PKKLDEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR....IKKTEEITKKFGDERKKALDDALKNIEKD FGKGAVMRLGER.AEQKVQVMSSGSLALDIALGAGGYPKGR	73
NTDB id 308708 DZR83 RS08735 WP 011285265.1	.MAKK....LKKNEEITKKFGDERRKALDDALKNIEKD FGKGAVMRLGER.AEQKVQVMSSGSLALDIALGAGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....LKKNEEITKKFGDERRKALDDALKNIEKD FGKGAVMRLGER.AEQKVQVMSSGSLALDIALGAGGYPKGR	73
NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDAALKKIEKNFGKGSIMRMGEK.VDTQVSTVSSGSLALDEALGVGGYPGR	60
NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALKQIEKQFGKGSIMKLGAE.TDTRISTVPSGSLALDTALGIGGYPRGR	58
NTDB id 1313 DR RS12030 WP 010888966.1	MSKDATKEISAPTDAKERSKATETAMSQIEKAFGKGSIMKLGAE.SKLDVQVVSTGSLSLDLALGVGGIPGR	72
NTDB id 1245 Cj1673c YP 002345041.1	MDNKRKSLDAALKSLDKTFGKGTILRLGDK.EVEQIDSIGTGSVGLDLALGIGGVPKGR	59
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDEDKQKATISLAIKQIDKVFVGKGAIVRLGDK.QVEKIDAIISTGSLGLDLALGIGGVPKGR	61
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKATISLAIKQIDKVFVGKGAIVRLGDK.QVEKIDAIISTGSLGLDLALGIGGVPKGR	61
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKT..ETTSNPDDKKKALAAVLEKLDKTYGKGTVMKLGDTVDHNIIEVIPSGLGLDLALGVGGYPKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..VKQVEPEQKKQALEAALAQIEKQFGKGSIMKLGQT.EQLDIESVSTGSLGLDLALGIGGLPMGR	76
NTDB id 1130 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQQUEENLEVISTGSLGLDLALGVGGLPRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQQUEENLEVISTGSLGLDLALGVGGLPRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQQUEENLEVISTGSLGLDLALGVGGLPRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSAEKQKALAAALAQIEKQFGKGSIMKMGDA.EVEPVQVVSTGSLGLDVALGVGGLPRGR	68
NTDB id 1165 A1552VC RS01565 WP 000344154.1	MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDIALGAGGLPMGR	59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDIALGAGGLPMGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDDNKSKALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDIALGIGGLPKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENKSKALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDIALGIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1	MDENKKRALAAALGQIEKQFGKGAVMRMGDH.DRQAIPSIISTGSLGLDIALGIGGLPKGR	59
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
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NTDB id 527 SMSK321 RS11065 WP 001085454.1
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
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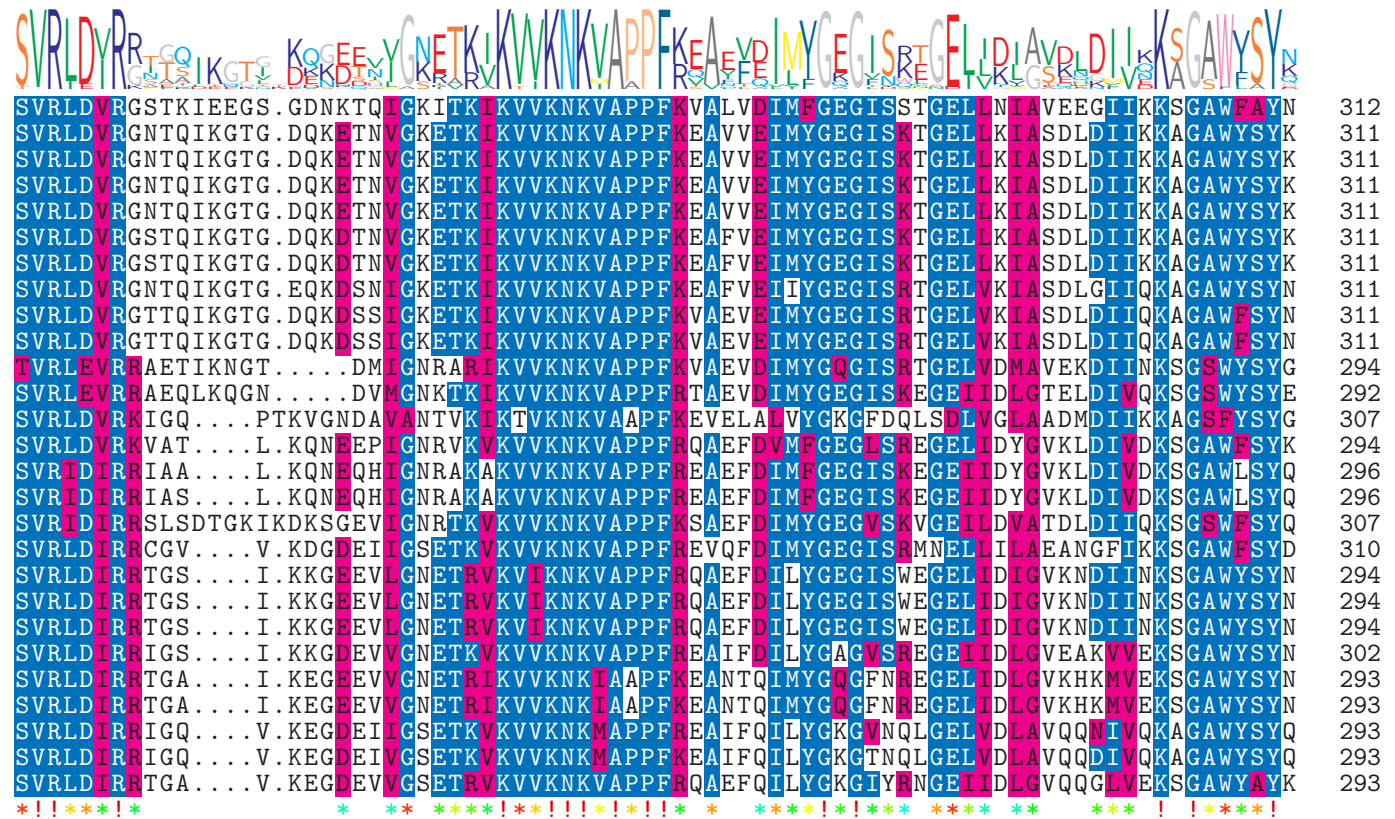
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
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consensus



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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	FDEIDHKVRAAHGL	LDDSEVAETEEETTA	...	SKTKAKAKKEEKAVETEEIELELED	387			
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLA	EHPEIFDEIDKQVRSKFGL	LIDGEEVSEQDTENKK	...	DE...PKKEEAV..NEEVPLDLGDE	381			
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLA	EHPEIFDEIDKQVRSKFGL	LIDGEEVSEQDTENKK	...	DE...PKKEEAV..NEEVPLDLGDE	381			
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLA	EHPEIFDEIDKQVRSKFGL	LIDGEEVSEQDTENKK	...	DE...PKKEEAV..NEEVPLDLGDE	381			
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLA	EHPEIFDEIDKQVRSKFGL	LIDGEEVSEQDTENKK	...	DE...PKKEEAV..NEEVPLDLGDE	381			
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLADN	PEIFDEIDHQVRVQFGL	LIDGEEIAES	...	KK...DE...AAQVDSV..NEEVTLDLGDE	377			
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLADN	PEVFAEIDHQVRVQFGL	LIDGEEAAES	...	KK...DE...VAQVDSV..NEEVTLDLGDE	377			
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADN	PEIFDDIDHKVVRVQYGL	IEEDNTEEEKQSSKEK	...	ETDEKA..DKNLVLELDDT	378			
NTDB id 308708 DZR83 RS08735 WP 011285265.1	GEKIGQGS	ENAKRYLADH	PELFDIDRKVRVKFGL	LEESEEEESAMVASE	...	E...IDDLALDLNG	373			
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADH	PQLFDEIDRKVRVKFGL	LEESEEEESAMAVASE	...	E...TDDLALDLNG	373			
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGS	ENAKNYLADH	EDVEDEVRLKVRVQYGL	ISDVPEEDLPTTEDE	...	QI.NILPDD.....S	352			
NTDB id 115 BSU 16940 NP 389576.2	EERLGQGS	ENAKQFLKENK	DIMLMIQEQIREHYGL	DNNGVVQQAAETQE	...	EL.EFE.E.....	348			
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQGS	KEKTIAYIA	ERPMEQEIRDRVMAA	IRAGNAGEAPALAPAPAAPEAAEA	...		363			
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGQGS	ENAKFLKEN	PEIADEITKAIQNSMG	IEGMI	...	SGSEDD..EGEE	343			
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQGS	ENAKALLKED	KALADEITLKI	ESIGSNEEI	...	MPLPDE..PLEEME	347			
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGQGS	ENAKALLKED	KALADEITLKI	ESIGSNEEI	...	MPLPDE..PLEEME	347			
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGQGR	DTVKELIKDN	PELAEELEAKIREKLQAK	...	...	...	343			
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGS	KNNVAVKWLKEN	PEIADKLEQEIRNTLASNPNS	...	VLKATASDSNDESDVEEFSEE	...	EL.....	372		
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQGS	KDNVRVWLKEN	PEISDEIDAKIRALNGVEMHI	...	TEGTQDETDER	...	PEE.....	348		
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGS	KDNVRVWLKEN	PEISDEIDAKIRALNGVEMHI	...	TEGTQDETDER	...	PEE.....	348		
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGS	KDNVRVWLKEN	PEISDEIDAKIRALNGVEMHI	...	TEGTQDETDER	...	PEE.....	348		
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGR	DNCREFLRENAEL	AREIENKVREHLGVTPMG	...	AVTLA.EEVEED	...		352		
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGS	KANACKYLLKEN	PEIAKTLDKKLREMLLNPNEM	...	QLIAETSSAAD	DVEFGAVPEE	...	F.....	354	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGS	KANACKYLLKEN	PEIAKTLDKKLREMLLNPNEM	...	QLIAETSSAAD	DVEFGAVPEE	...	F.....	354	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGS	KNNVIRYLEEN	PQISTEIEAVIREQLLTKASD	...	QTAA.HDETEEPDLL	..ES	...		349	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGS	KNNVIRYFEENN	QIAEIEIERNIREQLLTTGTN	...	GAVQ.I.EDEE	EPDLL	..LES		349	
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGS	KANAACYLLEEN	PEIGQIEEQIRAKLLVTSAN	...	TKATPVAEDLADADI	...	...		347	
consensus	***!!!	*****	**	*	***	*****	**	*	*	*

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NTDB id 600 KW2 RS01765 WP 011675413.1		387
NTDB id 269 KZH43 RS08665 WP 001085462.1	LEIEIEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	LEIEIEE	388
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NTDB id 159 SP RS09750 WP 001085462.1	LEIEIEE	388
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	LEIEIEE	384
NTDB id 408 SMU RS09530 WP 002262392.1	IELED..	383
NTDB id 308708 DZR83 RS08735 WP 011285265.1	IEIED..	378
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NTDB id 625 LCA RS02525 WP 011374196.1	TEE....	355
NTDB id 115 BSU 16940 NP 389576.2		348
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NTDB id 1124 NGFG RS03960 WP 003688695.1		348
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NTDB id 1165 A1552VC RS01565 WP 000344154.1		354
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NTDB id 1022 ACIAD RS06390 WP 004925639.1		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1		349
NTDB id 1205 PSJM300 05545 AFN77183.1		347
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved