

logo



NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK....KTNFDDITKKYGAERDKALADALALIEKD FGKGSIMRLGER.ANQKVSVVSSGSLALDIALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK....PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK....PKKLDEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK....PKKLDEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....LKKNEEITKKFGDERRKALDDALKNIEKDFGKGAVMRLGER.AEQKVQVMSSGSLALDIALGAGGYPKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR....IKKTEEITKKFGDERKKALDDALKNIEKDFGKGAVMRLGER.AEQKVQVMSSGSLALDIALGAGGYPKGR	73
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQIEKQFGKGSIMKLG EK.TDTRISTVPSGSLALDIALGIGGYPGR	58
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKKIEKNFGKGSIMRMGEK.VDTQVSTVSSGSLALDEALGVGGYPRGR	60
NTDB id 1313 DR RS12030 WP 010888966.1MSKDATKEISAPTDAKERSKATETAMSQIEKAFGKGSIMKLGAE.SKLDVQVVSTGSLSLDLALGVGGIPGR	72
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NTDB id 1214 NCTC11637 00359 SQJ03206.1MAIDEDKQKATISLAIKQIDKVF GK GALVRLGDK.QVEKIDAISTGSLGLDLALGIGGVPKGR	61
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATISLAIKQIDKVF GK GALVRLGDK.QVEKIDSISTGSLGLDLALGIGGVPKGR	61
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT..ETTSPNDDKKKALAAVLEK LDKT YGKGTVMKLG DGTVDHNIIEVIPSGSLGLDLALGVGGYPKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKSSKNNTV.VKQVEPEQKKQALEAALAQIEKQFGKGSIMKLGQT.EQLDIESVSTGSLGLDLALGIGGLPMGR	76
NTDB id 1130 NGFG RS03960 WP 003688695.1MSDDKSKALAAALAQIEKSF GKGAIMKMDGSQREENLEVISTGSLGLDLALGVGGLPRGR	60
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NTDB id 1123 OK783 RS03845 WP 003688695.1MSDDKSKALAAALAQIEKSF GKGAIMKMDGSQREENLEVISTGSLGLDLALGVGGLPRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSAEKQKALAAALAQIEKQFGKGSIMKMGDA.EVEPVQVVSTGSLGLDVALGVGGLPRGR	68
NTDB id 359441 E8E00 RS10660 WP 069591106.1	.....MDNKEKALAAALGQIEKQFGKGSIMRLGDD.RTMDIETVSTGSLSLDIALGAGGLPFGR	59
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	.....MDNKSALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDIALGIGGLPKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKSKALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDIALGIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1MDENKRALAAALGQIEKQFGKGAVMRMGDH.DRQAIPSIISTGSLGLDIALGIGGLPKGR	59
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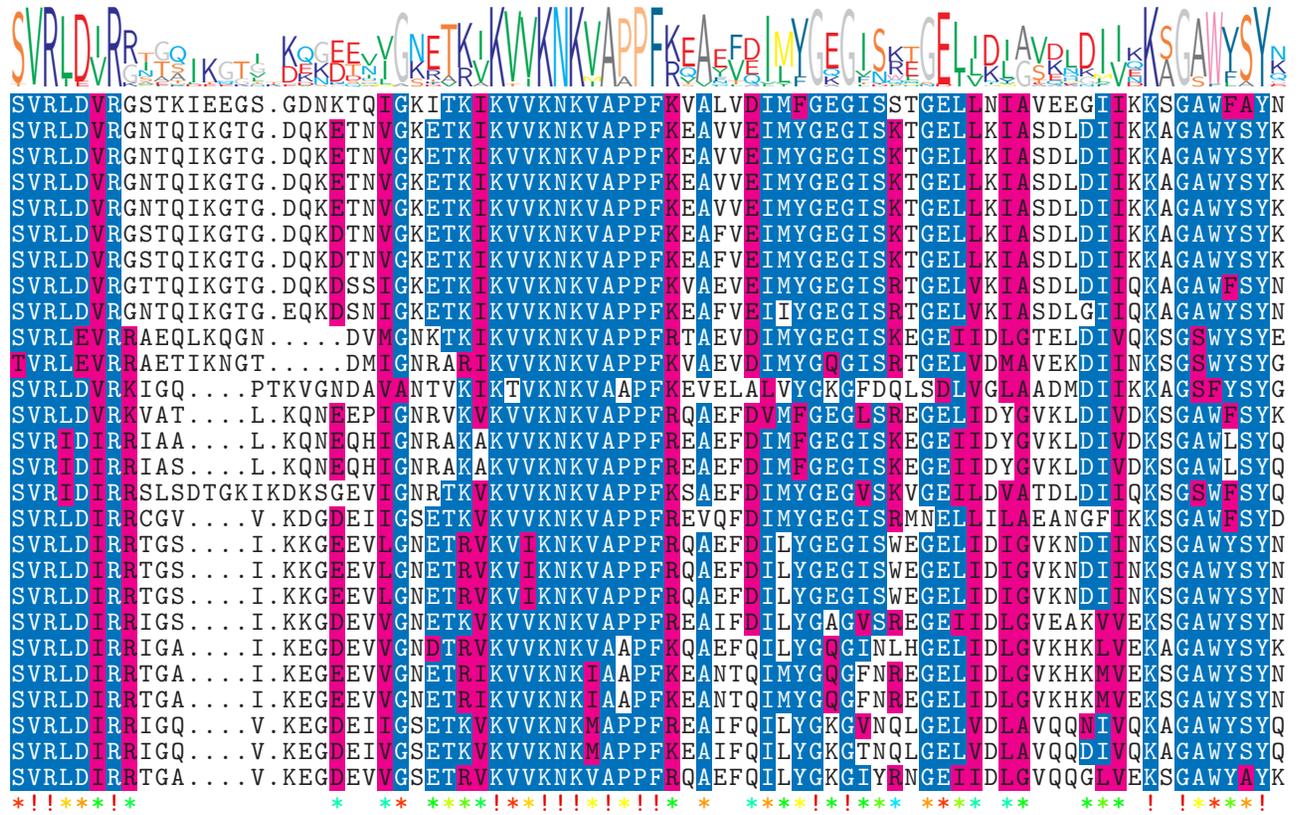
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NTDB id 269 KZH43 RS08665 WP 001085462.1	V	V	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	G	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	I	R	E	K	V	G	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232			
NTDB id 228 SPD RS09265 WP 001085462.1	V	V	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	G	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	I	R	E	K	V	G	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232			
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NTDB id 499 SM12261 RS08315 WP 078228268.1	V	V	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	G	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	I	R	E	K	V	G	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232			
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NTDB id 453 Spy49 1753c ACI62003.1	V	V	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	S	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	I	R	E	K	V	G	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	.	232			
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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
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 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 NTDB id 1205 PSJM300 05545 AFN77183.1
 consensus



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NTDB id	Accession	Sequence	Score
600	KW2 RS01765 WP 011675413.1	ED.....	387
269	KZH43 RS08665 WP 001085462.1	GDELEIEIEE	388
228	SPD RS09265 WP 001085462.1	GDELEIEIEE	388
194	SPR RS08825 WP 001085462.1	GDELEIEIEE	388
159	SP RS09750 WP 001085462.1	GDELEIEIEE	388
499	SM12261 RS08315 WP 078228268.1	GDELEIEIEE	384
527	SMSK321 RS11065 WP 001085454.1	GDELEIEIEE	384
453	Spy49 1753c ACI62003.1	DNGIEIED..	378
408	SMU RS09530 WP 002262392.1	DDTIELED..	383
115	BSU 16940 NP 389576.2	.....	348
625	LCA RS02525 WP 011374196.1	.....	355
1313	DR RS12030 WP 010888966.1	.....	363
1245	Cj1673c YP 002345041.1	.....	343
1214	NCTC11637 00359 SQJ03206.1	.....	347
1211	C694 RS00795 WP 000963128.1	.....	347
1334	RAOC RS04870 WP 004918236.1	.....	343
1389	A4U84 RS07560 WP 021112712.1	.....	372
1130	NGFG RS03960 WP 003688695.1	.....	348
1124	NGFG RS03960 WP 003688695.1	.....	348
1123	OK783 RS03845 WP 003688695.1	.....	348
1427	RS RS02760 WP 011000510.1	.....	352
359441	E8E00 RS10660 WP 069591106.1	.....	348
1165	A1552VC RS01565 WP 000344154.1	.....	354
1142	GTF74 RS11550 WP 000344154.1	.....	354
1022	ACIAD RS06390 WP 004925639.1	.....	349
1074	ABD1 RS10195 WP 000344167.1	.....	349
1205	PSJM300 05545 AFN77183.1	.....	347

consensus

-  non conserved
-  similar
-  ≥ 50% conserved