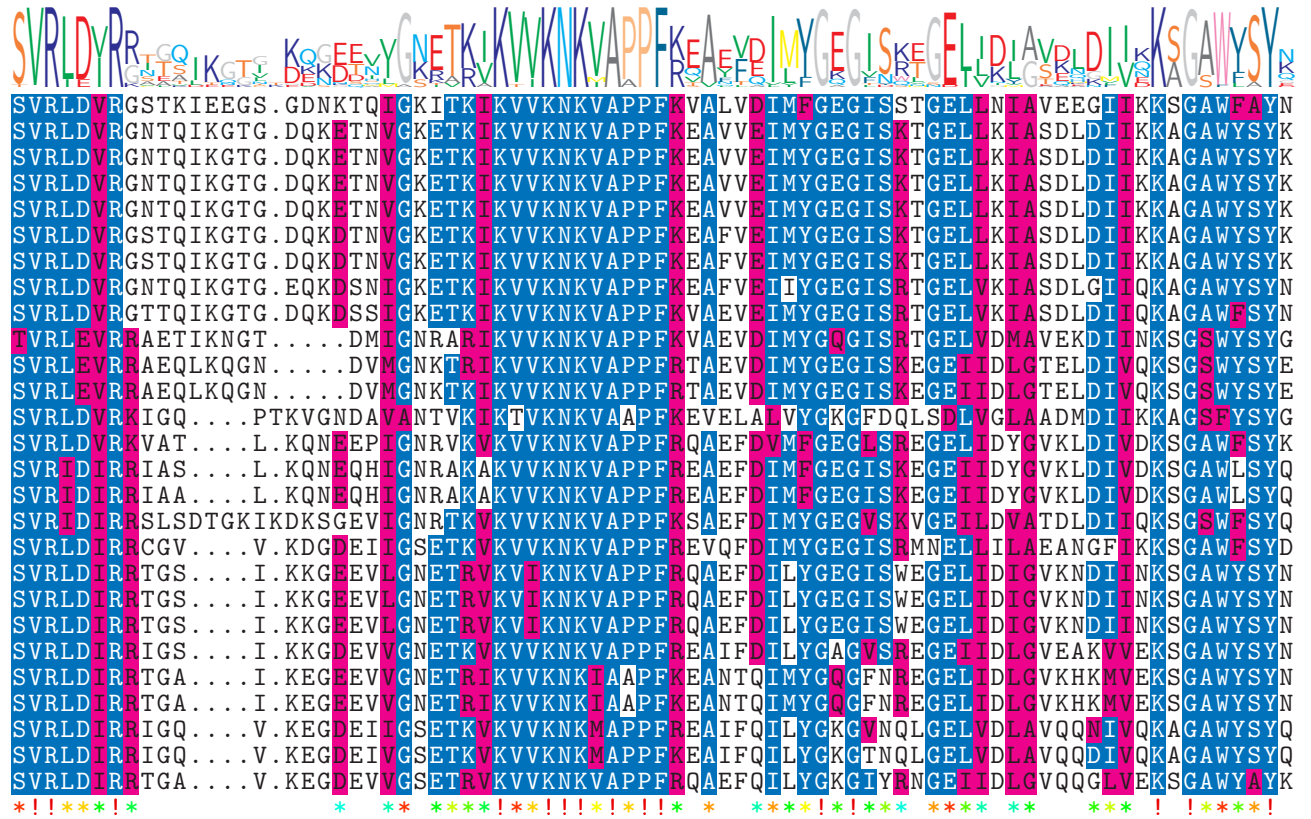


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269	KZH43	RS08665	WP_001085462.1	73
228	SPD	RS09265	WP_001085462.1	73
194	SPR	RS08825	WP_001085462.1	73
159	SP	RS09750	WP_001085462.1	73
527	SMSK321	RS11065	WP_001085454.1	73
499	SM12261	RS08315	WP_078228268.1	73
408	SMU	RS09530	WP_002262392.1	73
453	Spy49	1753c	ACI62003.1	73
625	LCA	RS02525	WP_011374196.1	60
247108	CLI98	RS18290	WP_003154145.1	58
115	BSU	16940	NP_389576.2	58
1313	DR	RS12030	WP_010888966.1	72
1245	Cj1673c	YP_002345041.1		59
1211	C694	RS00795	WP_000963128.1	61
1214	NCTC11637	00359	SQJ03206.1	61
1334	RAOC	RS04870	WP_004918236.1	68
1389	A4U84	RS07560	WP_021112712.1	76
1130	NGFG	RS03960	WP_003688695.1	60
1124	NGFG	RS03960	WP_003688695.1	60
1123	OK783	RS03845	WP_003688695.1	60
1427	RS	RS02760	WP_011000510.1	68
1165	A1552VC	RS01565	WP_000344154.1	59
1142	GTF74	RS11550	WP_000344154.1	59
1022	ACIAD	RS06390	WP_004925639.1	59
1074	ABD1	RS10195	WP_000344167.1	59
1205	PSJM300	05545	AFN77183.1	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 499 SM12261 RS08315 WP 078228268.1
 NTDB id 408 SMU RS09530 WP 002262392.1
 NTDB id 453 Spy49 1753c ACI62003.1
 NTDB id 625 LCA RS02525 WP 011374196.1
 NTDB id 247108 CLI98 RS18290 WP 003154145.1
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 NTDB id 1313 DR RS12030 WP 010888966.1
 NTDB id 1245 Cj1673c YP 002345041.1
 NTDB id 1211 C694 RS00795 WP 000963128.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1334 RAOC RS04870 WP 004918236.1
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 NTDB id 1130 NGFG RS03960 WP 003688695.1
 NTDB id 1124 NGFG RS03960 WP 003688695.1
 NTDB id 1123 OK783 RS03845 WP 003688695.1
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 NTDB id 1165 A1552VC RS01565 WP 000344154.1
 NTDB id 1142 GTF74 RS11550 WP 000344154.1
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 consensus

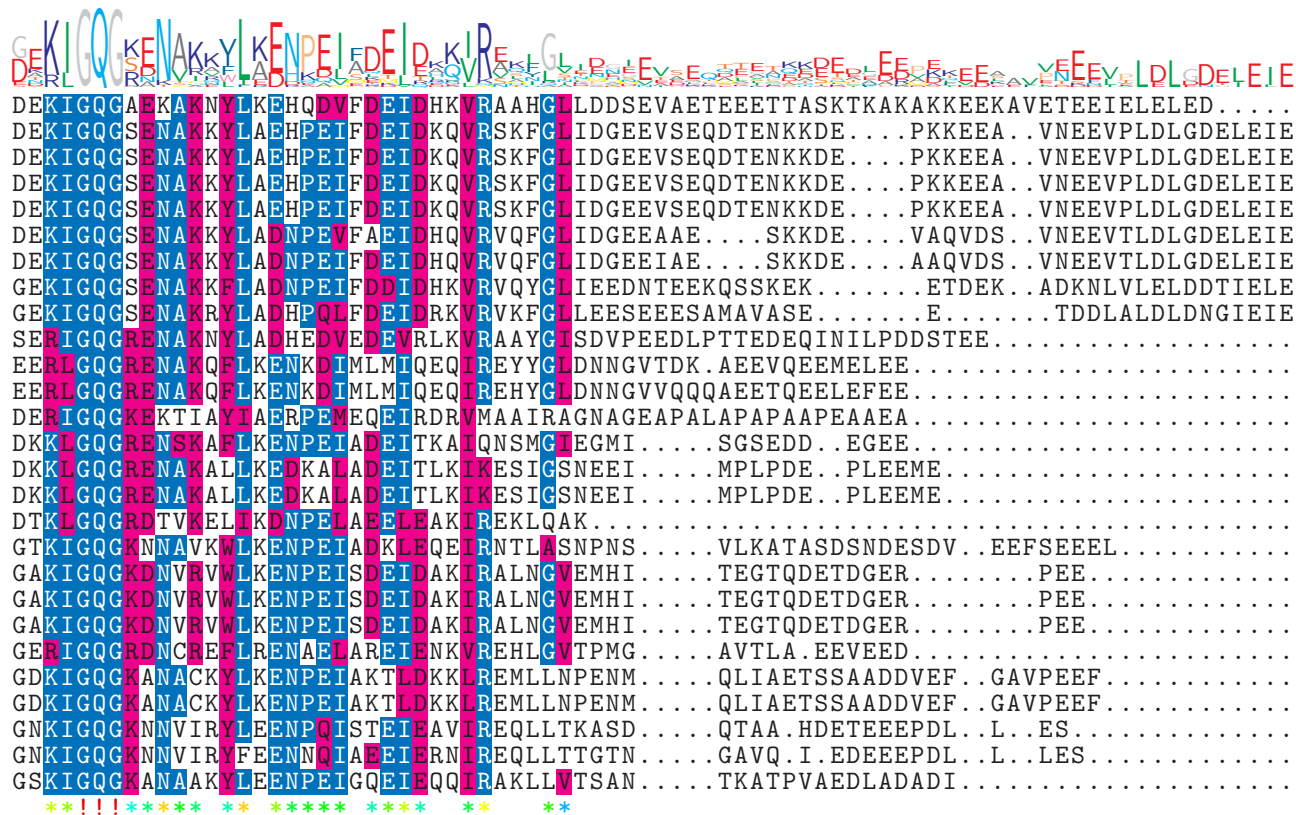


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NTDB id 600 KW2 RS01765 WP 011675413.1
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 NTDB id 1211 C694 RS00795 WP 000963128.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1334 RAOC RS04870 WP 004918236.1
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 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 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 600 KW2 RS01765 WP 011675413.1	...	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388
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NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384
NTDB id 408 SMU RS09530 WP 002262392.1	D..	383
NTDB id 453 Spy49 1753c ACI62003.1	D..	378
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NTDB id 247108 CLI98 RS18290 WP 003154145.1	...	347
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NTDB id 1245 Cj1673c YP 002345041.1	...	343
NTDB id 1211 C694 RS00795 WP 000963128.1	...	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	...	347
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	...	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	...	348
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	...	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	...	354
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