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NTDB id 600 KW2 RS01765 WP 011675413.1	EIYGPESGKTTVALHVAQAQKGGIAAFIDAENALDPEYAKALGVNIDELLSPQDYGEQGLQIAEKLITSGAVDLVV	156
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NTDB id 228 SPD RS09265 WP 001085462.1	EIYGPESGKTTVALHVAQAQKGGIAAFIDAENALDPEYAKALGVNIDELLSPQDSEGEQGLEIAGKLIDSGAVDLVV	155
NTDB id 194 SPR RS08825 WP 001085462.1	EIYGPESGKTTVALHVAQAQKGGIAAFIDAENALDPEYAKALGVNIDELLSPQDSEGEQGLEIAGKLIDSGAVDLVV	155
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NTDB id 625 LCA RS02525 WP 011374196.1	EIYGPESGKTTVALHVAQAQKGGIAAFIDAENALDPEYAKALGVNIDELLSPQDSEGEQGLEIAGKLIDSGAVDLVV	142
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NTDB id 254147 CS550 RS03685 WP 004584116.1	EIYGPESGKTTVALHVAQAQKGGIAAFIDAENALDPEYAKALGVNIDELLSPQDSEGEQGLEIAGKLIDSGAVDLVV	150
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	EIYGPESGKTTVALHVAQAQKGGIAAFIDAENALDPEYAKALGVNIDELLSPQDSEGEQGLEIAGKLIDSGAVDLVV	141
NTDB id 1205 PSJM300 05545 AFN77183.1	EIYGPESGKTTVALHVAQAQKGGIAAFIDAENALDPEYAKALGVNIDELLSPQDSEGEQGLEIAGKLIDSGAVDLVV	141
consensus	!***!!!!*!!!!* * **! !* ** !***!!!!*!* * !! !*****!!***!!!!*!!!!*!*! * ***!***!***	

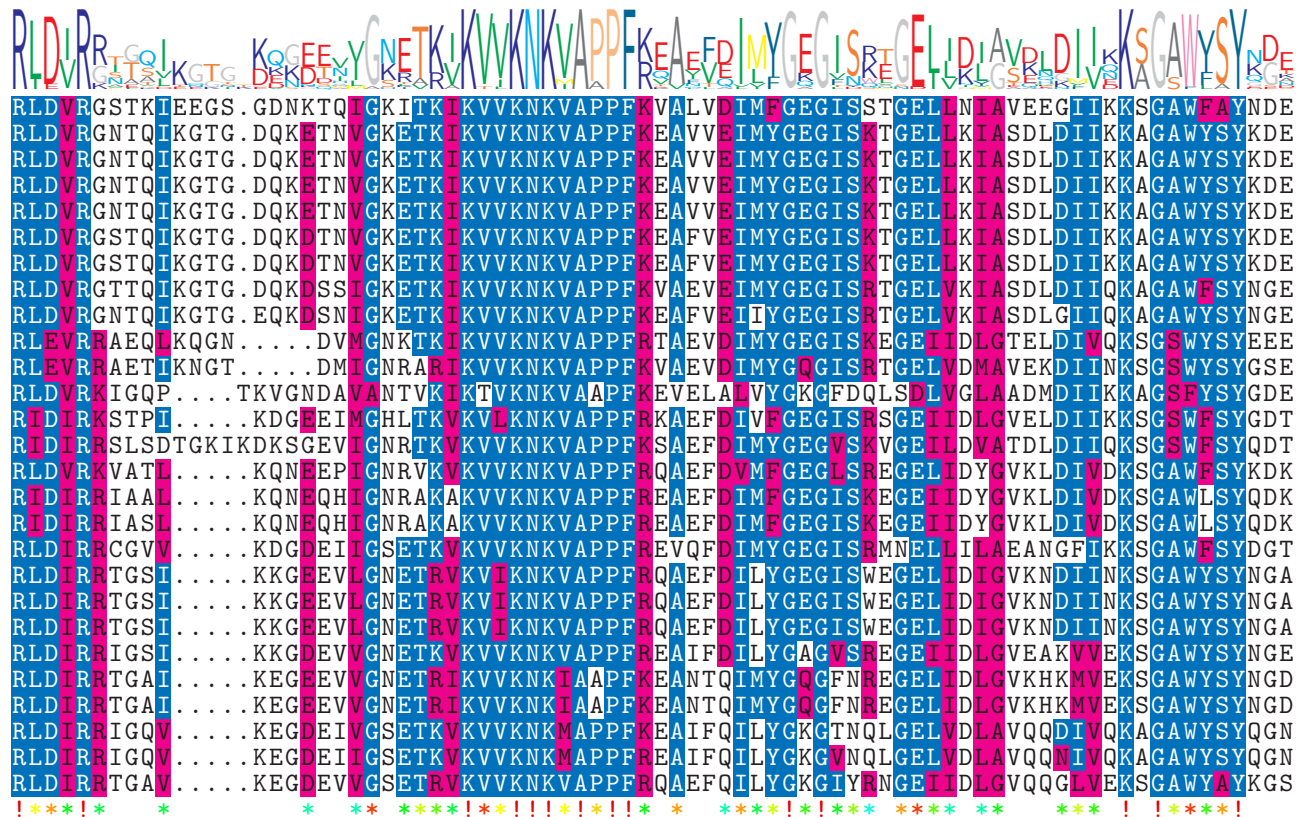
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NTDB id 269 KZH43 RS08665 WP 001085462.1	V	D	S	V	A	A	L	V	P	R	A	E	I	D	G	I	G	D	S	H	V	G	L	Q	A	R	M	S	Q	A	M	R	K	L	G	A	S	I	N	K	T	K	T	I	A	I	F	I	N	Q	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	234			
NTDB id 228 SPD RS09265 WP 001085462.1	V	D	S	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	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	234			
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	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	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	234			
NTDB id 453 Spy49 1753c ACI62003.1	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	L	R	E	K	V	G	V	M	.	F	G	N	P	E	T	T	P	G	G	R	A	L	K	F	Y	A	S	V	234			
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NTDB id 1205 PSJM300 05545 AFN77183.1	V	D	S	V	A	A	L	V	P	K	A	E	I	E	G	E	M	G	D	A	H	V	G	L	Q	A	R	L	M	S	Q	A	L	R	K	I	T	G	N	I	K	N	A	N	C	L	V	I	F	I	N	Q	I	R	M	K	I	G	V	M	.	F	G	S																		

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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  
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 NTDB id 408 SMU RS09530 WP 002262392.1  
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 NTDB id 625 LCA RS02525 WP 011374196.1  
 NTDB id 1313 DR RS12030 WP 010888966.1  
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consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1	.	387
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NTDB id 194 SPR RS08825 WP 001085462.1	E	388
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NTDB id 499 SM12261 RS08315 WP 078228268.1	E	384
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NTDB id 408 SMU RS09530 WP 002262392.1	.	383
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NTDB id 1313 DR RS12030 WP 010888966.1	.	363
NTDB id 254147 CS550 RS03685 WP 004584116.1	.	340
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consensus

non conserved  
 similar  
 ≥ 50% conserved