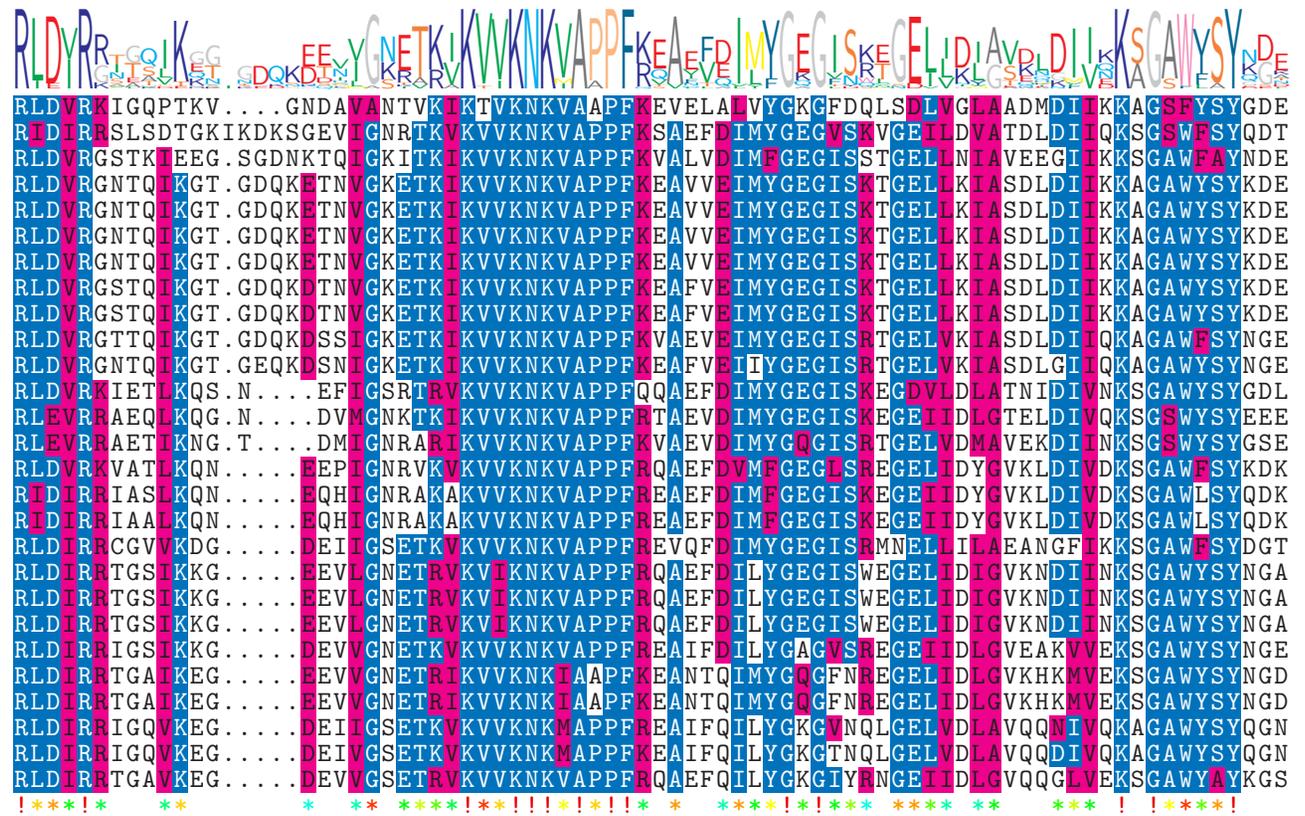


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NTDB id 1313 DR RS12030 WP 010888966.1
 NTDB id 1334 RAOC RS04870 WP 004918236.1
 NTDB id 600 KW2 RS01765 WP 011675413.1
 NTDB id 269 KZH43 RS08665 WP 001085462.1
 NTDB id 228 SPD RS09265 WP 001085462.1
 NTDB id 194 SPR RS08825 WP 001085462.1
 NTDB id 159 SP RS09750 WP 001085462.1
 NTDB id 527 SMSK321 RS11065 WP 001085454.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
 NTDB id 453 Spy49 1753c ACI62003.1
 NTDB id 408 SMU RS09530 WP 002262392.1
 NTDB id 332420 EKH84 RS14950 WP 127066905.1
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 NTDB id 625 LCA RS02525 WP 011374196.1
 NTDB id 1245 Cj1673c YP 002345041.1
 NTDB id 1211 C694 RS00795 WP 000963128.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 NTDB id 1130 NGFG RS03960 WP 003688695.1
 NTDB id 1124 NGFG RS03960 WP 003688695.1
 NTDB id 1123 OK783 RS03845 WP 003688695.1
 NTDB id 1427 RS RS02760 WP 011000510.1
 NTDB id 1165 A1552VC RS01565 WP 000344154.1
 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
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NTDB id 1313 DR RS12030 WP 010888966.1	RIGQGK EKTIA YIA ERP EMEQE I RDRV MAA IRAGN AGEAPALAPAPAA PEAAEA	363
NTDB id 1334 RAOC RS04870 WP 004918236.1	KLGGGRD TVKELIKD NP ELAE E LEAK I REKLQAK	343
NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQGA EKAKNYL KEHQD V FDEID HKVRA AHGL LDD SEVAETE EETTAS KTKAKAKKEEKAVETE EIELELED	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	KIGQGS ENAKKYL AEHP E I FDEID KQVRSKFGL IDGEEVSEQD TENKKD E PKKEEA . . VNEEVPLDLGDELEIEIE	387
NTDB id 228 SPD RS09265 WP 001085462.1	KIGQGS ENAKKYL AEHP E I FDEID KQVRSKFGL IDGEEVSEQD TENKKD E PKKEEA . . VNEEVPLDLGDELEIEIE	387
NTDB id 194 SPR RS08825 WP 001085462.1	KIGQGS ENAKKYL AEHP E I FDEID KQVRSKFGL IDGEEVSEQD TENKKD E PKKEEA . . VNEEVPLDLGDELEIEIE	387
NTDB id 159 SP RS09750 WP 001085462.1	KIGQGS ENAKKYL AEHP E I FDEID KQVRSKFGL IDGEEVSEQD TENKKD E PKKEEA . . VNEEVPLDLGDELEIEIE	387
NTDB id 527 SMSK321 RS11065 WP 001085454.1	KIGQGS ENAKKYL ADNPEVFAEID HQVRVQFGL IDGEEAAE SKKDE VAQVDS . . VNEEVTLDLGDELEIEIE	383
NTDB id 499 SM12261 RS08315 WP 078228268.1	KIGQGS ENAKKYL ADNPEI FDEID HQVRVQFGL IDGEEIAE SKKDE AAQVDS . . VNEEVTLDLGDELEIEIE	383
NTDB id 453 Spy49 1753c ACI62003.1	KIGQGS ENAKRYL ADHPQLFDEID RKVRVKFGL LEESEEEESAMAVASE E TDDLALDLNGIEIED .	378
NTDB id 408 SMU RS09530 WP 002262392.1	KIGQGS ENAKKFLADNPEI FDDID HKVRVQYGL I EEDNTEEKQSSKEK ETDEK . . ADKNLVLELDDTIELED .	383
NTDB id 332420 EKH84 RS14950 WP 127066905.1	RLGQGR ENAKIY I KEHP E L L L E I ENKVRSHYGI SALDETAHETKDEMND KILMVDEEE	353
NTDB id 115 BSU 16940 NP 389576.2	RLGQGR ENAKQFLKENK DIMLMIQE Q IREHYGL DNNGVVQQAEETQE E L E F E . E	348
NTDB id 625 LCA RS02525 WP 011374196.1	RIGQGR ENAKNYLADHEDVEDEVRLKVR AAYGISDVPEEDLPTTEDE . QINILPDDSTEE	355
NTDB id 1245 Cj1673c YP 002345041.1	KLGGRE NSKAF LKENPEI ADEITKAI QNSMGI EGMISGSEDE . . GEE	343
NTDB id 1211 C694 RS00795 WP 000963128.1	KLGGRE NAKALLKEDKALADEITLKI KESIGSNEEIMPLPDEP . . LEEME	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	KLGGRE NAKALLKEDKALADEITLKI KESIGSNEEIMPLPDEP . . LEEME	347
NTDB id 1389 A4U84 RS07560 WP 021112712.1	KIGQGK NN AVKWLKENPEIADKLEQE I RNTLASNPNSVLKATASDSNDE SDVVEEFSEEE L	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	KIGQGK DNVRVWLKENPEISDEIDAKI RALNGVEMHITEGTQDET DGER PEE	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	KIGQGK DNVRVWLKENPEISDEIDAKI RALNGVEMHITEGTQDET DGER PEE	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	KIGQGK DNVRVWLKENPEISDEIDAKI RALNGVEMHITEGTQDET DGER PEE	348
NTDB id 1427 RS RS02760 WP 011000510.1	RIGQGR DNCR EFLRENAELAREI ENKVR EHLGVTPMGAVTLA . EEVEED	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	KIGQGK ANACKYLKENPEIAKTL DKKLREMLLN PENMQLIAETSSAAD DVEFGAVPEEF	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQGK ANACKYLKENPEIAKTL DKKLREMLLN PENMQLIAETSSAAD DVEFGAVPEEF	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	KIGQGK NN VIRYLEENPQISTEIEAV IREQLLTKASDQTA A . HDETEEE PDLL . . ES	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGK NN VIRYFEENNQIAEEIERN IREQLLTTGTNGAVQ . I . EDEEE PDLL . . LES	349
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGK ANAAKYLEENPEIGQEIEQQ I RAKLLVTSANTKATPVAEDLADADI	347
consensus	**!!!***** ** * *** ** ** ** **	*

