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NTDB id 1306 DR RS10060 WP 027479822.1	MSXLEIGDRRLGAALLDQGYLGNDLQRALERHSEVGGRLA5VLYDSGYZEERRIASXIE5RFGIPLVNLH4VET6P5XK	79
NTDB id 1028 TT RS08215 WP 011173991.1	.MALSIGDRRLGAILLDQGYLGNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	80
NTDB id 1384 A4U84 RS08525 WP 010787006.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	0
NTDB id 1065013 ACHWYG RS05465 WP 032823891.1		0
NTDB id 1366 NTHI RS01950 WP 011271972.1		0
NTDB id 1355 HI 0298 AAC21962.1		0
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
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NTDB id 1306 DR RS10060 WP 027479822.1	REYRKAQAKNLRAIPFAL5EE6GYRVAHYNPL35F5E5YED5GMYEPYQTR5YMAA4A4HYPELGL5YMP555K	157
NTDB id 1028 TT RS08215 WP 011173991.1	RSIRPQTALNLQAFPPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGL5IVVPSGA	158
NTDB id 1384 A4U84 RS08525 WP 010787006.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	0
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
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NTDB id 1306 DR RS10060 WP 027479822.1	S5AC555KLGE5LY5KGYI5B5R5LY5AL5MQ5RTG55L5GTLY55R55F5E5R5LY5XLA5EQ5GT5FLE5TG5MP555X	237
NTDB id 1028 TT RS08215 WP 011173991.1	SDAGRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1384 A4U84 RS08525 WP 010787006.1	SGEGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	0
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NTDB id 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
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NTDB id 1306 DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGEVITELGFASPDEVDSALQKQNVGGGRLEDTLVQSGKLSPEMLARSIAAQLGYEFLDPIQ	397
NTDB id 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAAQAVATQLGYPYVDPEE	397
NTDB id 1384 A4U84 RS08525 WP 010787006.1	MSQY.....TICEQQTERIF.....D	16
NTDB id 1065013 ACHWYG RS05465 WP 032823891.1	MID.LTSVK....PRVKAQNGEIF.....T	20
NTDB id 1366 NTHI RS01950 WP 011271972.1	MTSYALLHT....QRVTAQNGEIF.....T	21
NTDB id 1355 HI 0298 AAC21962.1	MTSYALLHT....QRVTAKNGEVF.....T	21
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NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFQSQEESLLEQVKASGISMPEALLSSGFFQSHETHELSSVFGLSCTSLNQ	66
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSTILRQKGLLTFQSQEESLIEQVKASGISMPEALLSSGFFTSSSLAEHLSSIFGLSQPELSQ	66
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQAEHYY.NESQAGKEVLPMFLSDGVISPKSLAALIARVFSYSILDLRH	65
NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKNKILSAEQIALTAQNFVGPMLDINC	74
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDIVPYLIDNFSISPLTIAEITISLEFGEPLLDLGV	74
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MSALHTSPKFTGFFRRLVEEKHVSAAATMQTALDAKRAKQDTVAYLIEEVHLSPSLLAETISAFAEPIYFDLDV	74
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NTDB id 1028 TT RS08215 WP 011173991.1	DPPDPGAPLLPEDLCRRYGVPFPHRLEGNRLVLLMKDPRNILALDDVRLALKRKGLNYEVAPAVATEAAITKLIERYFGK	477
NTDB id 1384 A4U84 RS08525 WP 010787006.1	ISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLAVDENNLTACEIFAFMTH....KQIEPVVVIASDELKYLLNALSPE	91
NTDB id 1065013 ACHWYG RS05465 WP 032823891.1	ISPDLWARNQQQQSLILRYFALPLKEENNRLWLGVDSLSNLSACETIAFITG....KPVEPILLESSQLKELLQQLTPC	95
NTDB id 1366 NTHI RS01950 WP 011271972.1	ISPDLWERNQQQQSLILRYFALPLKEENNRLWLGVDSLSNLSACETIAFITG....KPVEPILLESSQLKELLQQLTPH	96
NTDB id 1355 HI 0298 AAC21962.1	ISPDLWERNQQQQSLILRYFALPLKEENNRLWLGVDSLSNLSACETIAFITG....KPVEPILLESSQLKELLQQLTPN	96
NTDB id 1168 A1552VC RS11070 WP 000957200.1	YDYANLCQQGLGRELITRYDALPIAKQGNLILLAVSDPTILLQAEFEFRFATG....LQVELALADHRALQAATIRRLYGR	141
NTDB id 1401 DSB67 RS12665 WP 010643259.1	YEYASLCQTLGLRDLITRHNALPLNRTSSTLILAVADPTNLQAEDDFRFATG....LQVELVLADFRELTAATIRRLYGR	141
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NTDB id 1251 GC085 RS07725 WP 011946523.1	IDVGTIPVNLVNEKLIKRRHAMVPLFSRGTNLYLATDPSKQASLKEIFQHTG....LNTHAIVVETDKLSALIDNLTA	149
NTDB id 1018 ACIAD RS01685 WP 004920473.1	FDPALFLKDKIDEKLIKRYRIMPLVHRGHVLYVATSNPTNIEAMDAIRFNSK....LKVEPIIVEHDKLERLLSEHFVE	149
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YDTSQIPKDLVDQKLILKHRILPLIQRGQILYVATSNPSNIEAIDAIRFNSK....LLVEPVIVEHHKLEKVLGQHFAE	149
consensus	*...**...*!*...*****...*...*...*	

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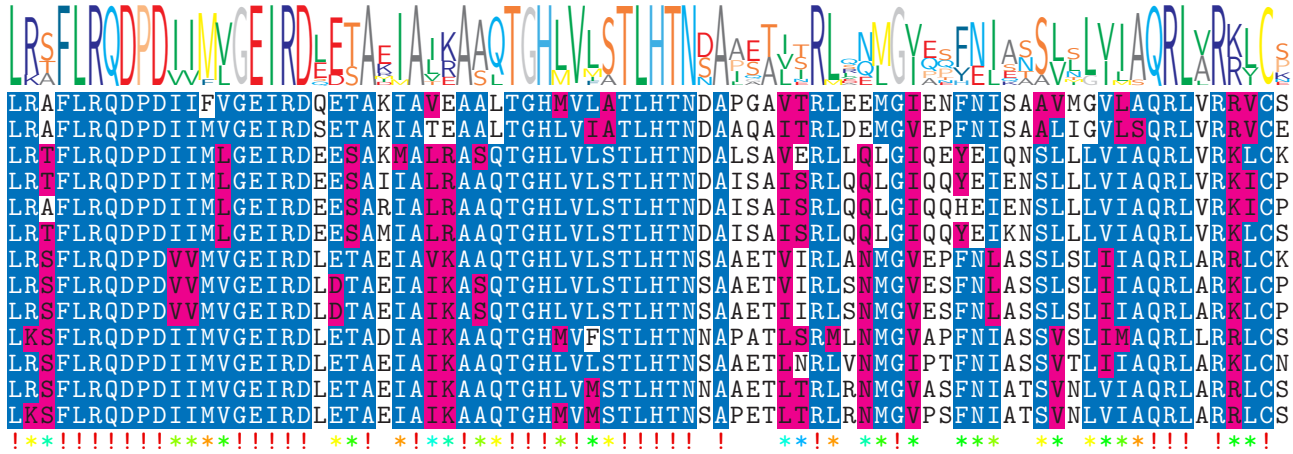
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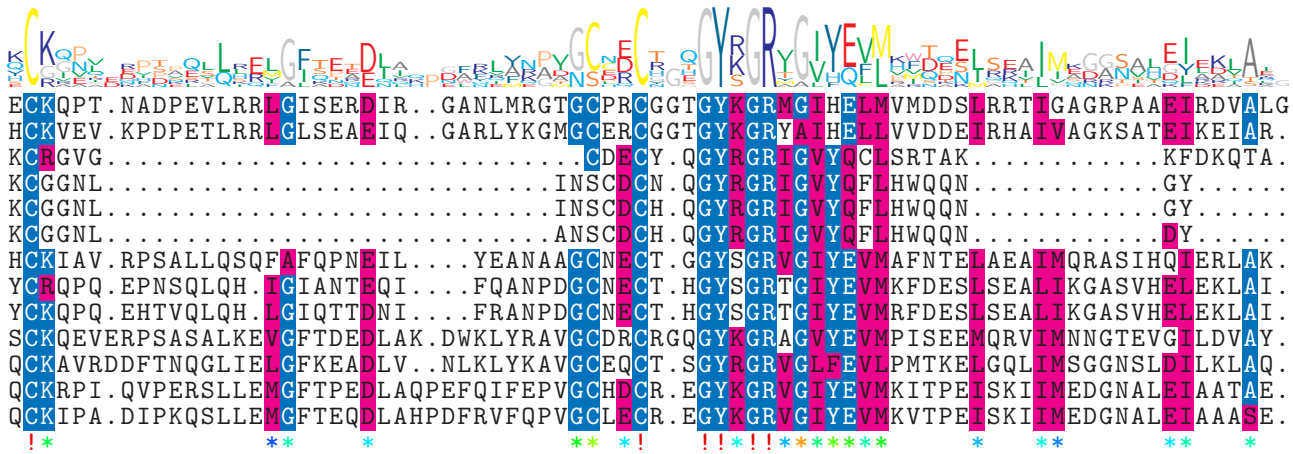
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consensus



887
889
461
463
464
464
562
561
561
558
574
570
570

 non conserved
 similar
 $\geq 50\%$ conserved