

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSXLSIGDRRLGAALLDQGYLDNQLQRALERHREVGGLAEVLVDMLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	80
NTDB id 1306 DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	79
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
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NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 1069843 PA7077 RS28145 WP 003112841.1		0
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	RSLPAEKAKELRAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLEIVVPSGA	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLEIVVPSGA	158
NTDB id 1306 DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
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NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	SGEGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	0
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NTDB id 1306 DR RS10060 WP 027479822.1	SDAGRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEQGTTFLPNPSGFHPGEEVL	237
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NTDB id 1069843 PA7077 RS28145 WP 003112841.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
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consensus		

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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

.....MTS
LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWEELEFRAYPQKNRLGEVLVQEGKLSR
GSMRLRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQGRGLGEQLVQEGTLSR
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3
317
317
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0
0
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logo

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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

SSSSKKSRAVALRNYFSPFGNKL VAGGHVDAEQLRQALVQVKKTKRSLPEELKAVTGRELSPELLRQYKKNQLFELKVLV
EALKEALEVQKGLPRAKPLGETLVELGLARPEDVEEALQKQRRGGRIEDTLVQ..SGKIRPEALAAV.....ATQL
DQLREALQVQAREGKVKPLGEVITELGFASPDDEVDSALQKQNVGGRIEDTLVQ..SGKLSPEMLARSL.....AAQL
.....MLTNLVAIILRQAEILSATQEQAVVTQVSASGTSVPEALLE..LSIFHAQELTEQL.....SHIF
.....MHSNLSTILRQKGLLTFQSSESLIEQVKASGISMPEALLS..SGFFTSSELAEHL.....SSIF
.....MLTNLSTVLRQAGILTFQSSESLIEQVKASGISMPEALLS..SGFFQSHELTEHL.....SSVF
.....MSVGLLRILVQNQVVTVEQAEEHYNES.QAGKEVLPLMFS..DGVISPKSLAALI.....ARVF
.....MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVK..NKILSAEQIALTA.....AQNF
.....MNDSIQLSGLSRQLVQANLLDEKTAVQAAQAQRNKL SLVTHLVQ..SKLVSGLALAEELS.....AEQF
.....MSALHTSPKFTIGFFRRLVEEKHVSAAATMQTALDAAKRAKQDVTAYLIE..EVHLSPSLLAETI.....SAEF
.....MSAFTTPPKFISGFIRRLVEEGYVNAQNMQQALEKAKKFKQDIPVYLID..NFSISPLTTAEI.....SLEF

83
388
388
57
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62
65
65

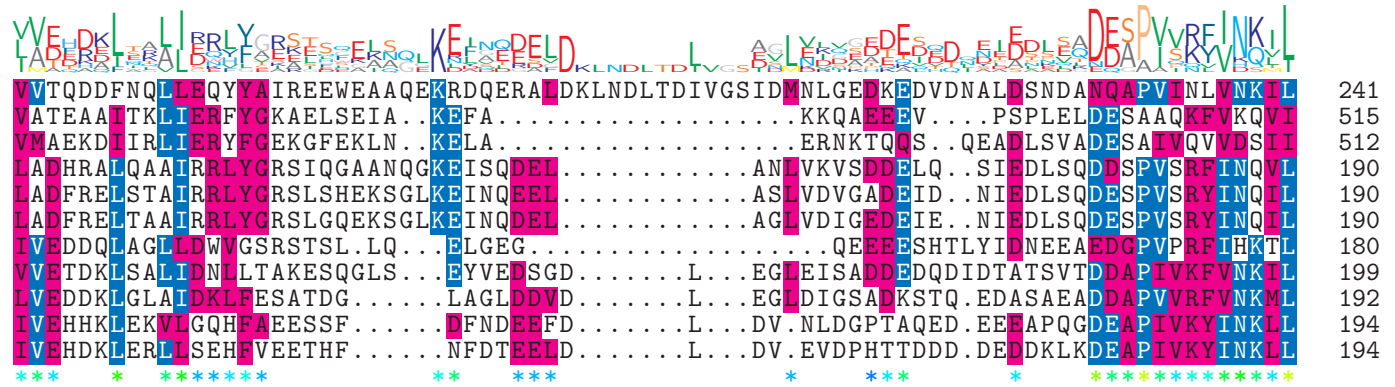
logo

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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

GVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPSPSVLVAMVDPDNLAQAQDELNRIILRVKGF..ELRRL
GYPYVDPEEDPPD....PGAPLLLPEDLCRRYGVPFHRLEG...NRLVLVLMKDPRNIALALDDVRLALKRKGLNVEVAPA
GYEFLDPIQNPPD....PKVALMIPEATARRYVVVPVRLQG...NSLVVAMKDPRNVFALDDLKLITG.....KETLPA
GLPETDLSTRYDYA....NLCCQLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEFFRFRATG.....LQVELA
GLSQPELSQYEYA....SLCQQLGLRELITRHNAIPLHRT...STLLAVADPTNQQAEDDFRFRATG.....LQVELV
GLSCTSLNQYEYA....SLCQTGLGLRLITRHNAIPLNRTS...STLILAVADPTNQAEDDFRFRATG.....LQVELV
SYSILDLRHYPRH....RVLIMGVLTQQMVEFHCVPVFRRG...DKVFFAVSDPTQMPPIQKTIVSAAG.....IATELV
GVPMLDINCIDVG....TIPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG.....LNTHAI
GIAYCDLNSLDKE....SFPRDAISEKLVQRHRVPLWRRG...NKLFFVGISDPANHQAINDVQFSTG.....LTTEAI
AEPYFDLDVYDTS....QIPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFNSK.....LLVEPV
GEPLDLGVFDP...LFLDKKIDKELIKYRIMPLVHRG...HVLVYVATSNPTNIEAMDAIRFNSK.....LKVEPI

161
460
455
124
124
124
123
132
129
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132

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
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consensus
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consensus
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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
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consensus

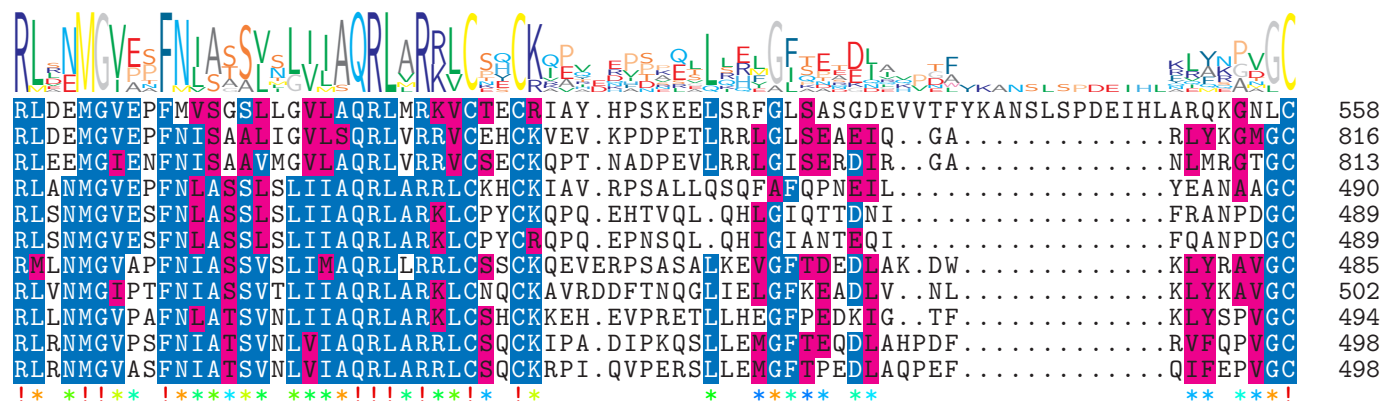
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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1168 A1552VC RS11070 WP 000957200.1
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NTDB id 1069843 PA7077 RS28145 WP 003112841.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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logo

NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
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NTDB id 1306 DR RS10060 WP 027479822.1		887
NTDB id 1168 A1552VC RS11070 WP 000957200.1		562
NTDB id 1293 VP RS12240 WP 005479695.1		561
NTDB id 1401 DSB67 RS12665 WP 010643259.1		561
NTDB id 1110 NGFG RS09235 WP 003689817.1		558
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NTDB id 1069843 PA7077 RS28145 WP 003112841.1		566
NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved