

logo

NTDB id 1410 SGL RS13950 WP 010873519.1		0
NTDB id 1306 DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNLDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	80
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1401 DSB67 RS12665 WP 010643259.1		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 313021 AhaeAN59 RS14840 WP 005083851.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1		0
NTDB id 1306 DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
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consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKQWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLFLESTEGIVPDPSAA	237
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NTDB id 313021 AhaeAN59 RS14840 WP 005083851.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id	1410	SGL RS13950 WP 010873519.1
NTDB id	1306	DR RS10060 WP 027479822.1
NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1168	A1552VC RS11070 WP 000957200.1
NTDB id	1293	VP RS12240 WP 005479695.1
NTDB id	1401	DSB67 RS12665 WP 010643259.1
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NTDB id	1251	GC085 RS07725 WP 011946523.1
NTDB id	1018	ACIAD RS01685 WP 004920473.1
NTDB id	313021	AhaeAN59 RS14840 WP 005083851.1
NTDB id	1058	ABD1 RS01615 WP 001274986.1
consensus		

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.....MTS	317
GSMLRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLGEQLVQEGTLSR	317
LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPPQKNRLGEVLVQEGKLSR	0
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NTDB id	313021	AhaeAN59 RS14840 WP 005083851.1
NTDB id	1058	ABD1 RS01615 WP 001274986.1
consensus		

SSSSKKSRAVALRNYFS PFGNKL VAGGHV DAEQLRQALVQVKKTCRS LPEELKAVTGREL SPELLRQYKKNQLFELKVLY	83
DQLREATIQVQAREGKVVKPLGEVITELGFASPDDEVDSALQKQNVGGRIEDTLVQ..SGKLSPEMLARS.....LAAQL	388
EALKEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGRIEDTLVQ..SGKLRPEALAQ.....VATQL	388
.....MLTNLVAILLRQAEILSATGEQAVVTQVSASCTSVPEALLE..LSIFHAQELTEQ.....LSHIF	57
.....MHSNLSITILRQKGLTFSQEESLIEQVKASGISMPEALLS..SGFFTSSELAEH.....LSSIF	57
.....MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLS..SGFFQSHELTEH.....LSSVF	57
.....MSVGILLRILVQNQVVTVEQAEHYH.NESQAGKEVLPMFLS..DGVISPKSLAAL.....LARVF	56
.....MALATEEYRLQGITGLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVK..NKILSAEQIALT.....AAQNF	65
.....MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDIPVYLID..NFSISPLTIAEI.....ISLEF	65
.....MSGLHTSPKFSGFIRRLVEDGHMSASTMQTATDTAKKTQQDIVGYLIE..HHRTISQLTIAES.....ISABF	65
.....MSALHTSPKFTIGFFRRLVEEKHVSAAATMQTALDAAKRAKQDITVAYLIE..EVHLISPSLLAET.....ISABF	65
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NTDB id	1058	ABD1 RS01615 WP 001274986.1
consensus		

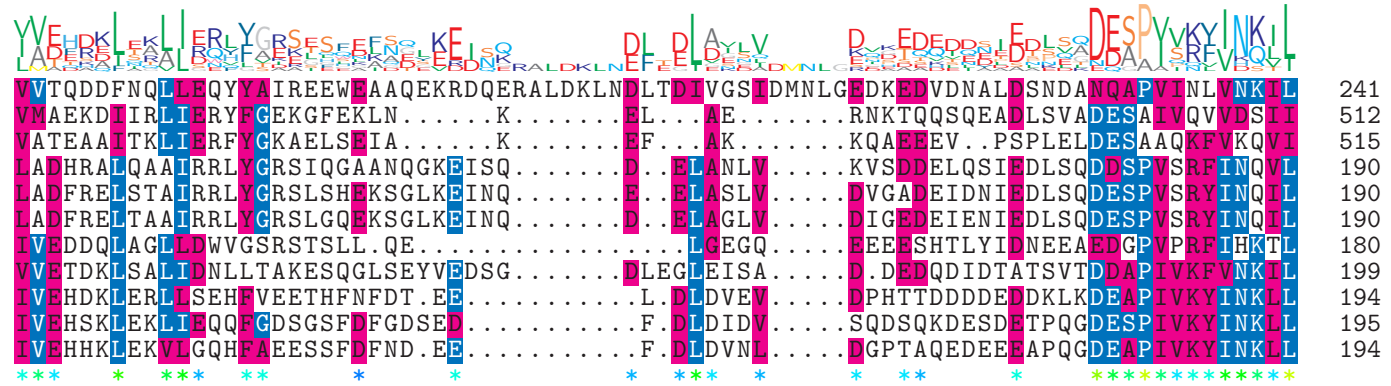
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GYEFLDPIQNPPD....PKVALMPEATARRYVVVPVRLQG...NSLVVAMKDPRNVFALDDLKLITG.....KEILPA	455
GYPYVDPEEDPPD....PGAPLILPEDLCRRYGVFPHRLEG...NRLVILMKDPRNILALDDVRLALKRKGLNIEVAPA	460
GLPETDLSRYDYA....NLCCQLGLRELITRYDALPTIAKQG...NLALLAVSDPTLLQAEEDFRFATG.....LQVELA	124
GLSQPELSQYEYA....SLCQQLGLRELITRHNALPLHRTG...STLLAVADPTNQQAEDDFRFATG.....LQVELV	124
GLSCTSLNQYEYA....SLCQTLGLRDLITRHNALPLNRTS...STLLAVADPTNLQAEDDFRFATG.....LQVELV	124
SYSILDLRHYPRH....RVLMGVLTTEEQMVFFHCVPVFRRG...DKVFFAVSDPTQMPQIQKTVSAAAG.....LAVELV	123
GVPMLDINCIDVG....TIPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDPSKQASLIKELQFHTG.....LNTHAT	132
GEPLLDLGVFDPA....LFLKDKLIDEKLIQKYRIMPLVHRG...HVLVYVATSNPTNIEAMDALRFNSK.....LKVEPT	132
GEPIFDLAVFDTA....LIPRELADSKLIQKHRVAPLIQRG...QILYVATSNPTNIDALDAMRFNTK.....LNIEPT	132
AEPYFDLDVYDTS....QIPKDLVDQKLLILKHRILPLIQRG...QILYVATSNPSNIEAIDALRFNSK.....LLVEPV	132
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NTDB id 1410 SGL RS13950 WP 010873519.1
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consensus

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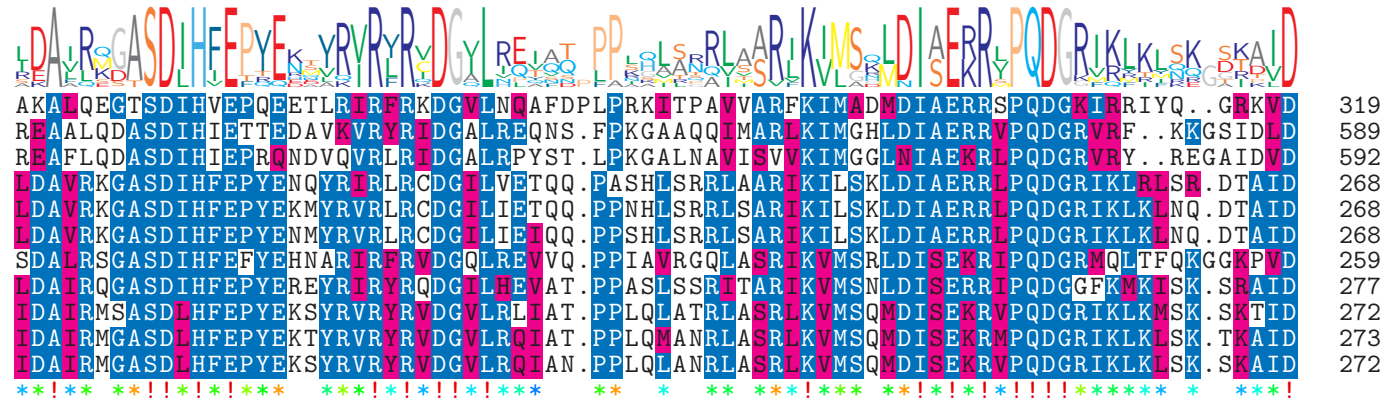


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NTDB id 313021 AhaeAN59 RS14840 WP 005083851.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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logo

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
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NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 313021 AhaeAN59 RS14840 WP 005083851.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKSALTCTRTCAAELQQEWLDCPYCMTSRFS	672
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
NTDB id 313021 AhaeAN59 RS14840 WP 005083851.1		571
NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved