

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	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 GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1042923 ABQ014 RS16800 WP 104551201.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	0
consensus	0

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NTDB id 1410 SGL RS13950 WP 010873519.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
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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 GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1042923 ABQ014 RS16800 WP 104551201.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	0
consensus	0

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NTDB id 1410 SGL RS13950 WP 010873519.1	EGQKDLKLGELLQKGIWSREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLQKGIWSREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDSAALLL	240
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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 GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1042923 ABQ014 RS16800 WP 104551201.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	0
consensus	0

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NTDB id 1410 SGL RS13950 WP 010873519.1	LRSDALRYGAVPIGFQNGEVEVLS DPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSRSS	6
NTDB id 1028 TT RS08215 WP 011173991.1	.....MTSSSS	320
NTDB id 1168 A1552VC RS11070 WP 000957200.1	LRSDALRYGAVPIGFQNGEVEVLS DPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	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 GCO85 RS07725 WP 011946523.1	0
NTDB id 1042923 ABQ014 RS16800 WP 104551201.1	0
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consensus	0

logo

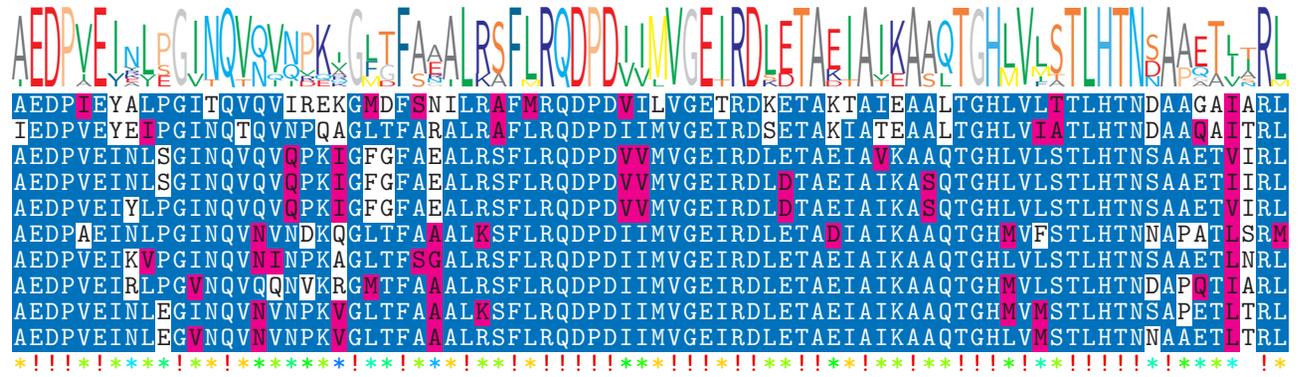
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NTDB id 1028 TT RS08215 WP 011173991.1	KEAL EVQKGLPRAKPLGETLVELGLARPEDVEEALQKQRGGRLD TLVQ..SGKLRPEALAAQ.....VATQLGYD	391
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....MLTNLVA I LRQAE LISATQEAVVTQVSASGTSVPEALIE..LSIFHAQELTEQ.....LSHTIFGLP	60
NTDB id 1293 VP RS12240 WP 005479695.1	.....MHSNLSTILRQKGLLTFQSQEESLIEQVKASGISMPEALLS..SGFFTSSSELAEH.....LSSIFGLS	60
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLS..SGFFQSHELTEH.....LSSVFGLS	60
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....MSVGLLRILVQNQVVTIVEQA EHYNE..SQAGKEVLPMLFS..DGV TSPKSLAAL.....IARVFSYS	59
NTDB id 1251 GCO85 RS07725 WP 011946523.1	..MALATEEYRLQGIQGLLVLEKLLDKTKAIELHKLAAA EKI SLLQYIVK..NKILSAEQIALT.....AAQNFVGP	68
NTDB id 1042923 ABQ014 RS16800 WP 104551201.1	..MNVAISSNLVGI TGIARRLVQD GALDEASARAAMDHATQAKVPLPQWFAE..KKLV TAAQLAAA.....NAVEFGMP	70
NTDB id 1058 ABD1 RS01615 WP 001274986.1	..MSALHTSPKFTGFFRRLVEEKHVS AATMQTALDAAKRAKQDTVAYLIE..EVHLSPSLLAET.....TSAEFAEP	68
NTDB id 1018 ACIAD RS01685 WP 004920473.1	..MSAFTTPPKFSGFIRR LVEEGYVNAQNMQQALEKAKKFKQD T VPYLID..NFSISPLT LAEI.....ISLEFGEP	68
consensus	* ** *! ** * ** * ** * * * ** ** ** **	

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NTDB id 1410 SGL RS13950 WP 010873519.1	SVDPEVAPIATQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVAMVDPDNLAAQDELNRLRVKGFELRRLVVT	164
NTDB id 1028 TT RS08215 WP 011173991.1	YVDPEEDPPDP...GAPLLIPEDLCRRYGVFPHRLE...GNRLVLLMKDPRNILALDDVRLALKRKGLNYEVAPAVAT	463
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ETDLSRYDYAN...LCQQLGLRELITRYDALPIAKQ...GNLLLLAVSDPTLLQAE EEFRFATG...LQVELALAD	127
NTDB id 1293 VP RS12240 WP 005479695.1	QPELSQY EYAS...LCQQLGLRELITRHNA LPHRT...PSTLLLAVADPTNQQA EDDFRFATG...LQVELVLAD	127
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CTSLNQY EYAS...LCQTLGLRDLITRHNA LPLNRT...SSTLILAVADPTNIQA EDDFRFATG...LQVELVLAD	127
NTDB id 1110 NGFG RS09235 WP 003689817.1	ILDRLHYPRHR...VLMGVLTEE QMVEFHCVVFR...GDKVFFAVSDPTQMPQIQKT VSAAG...TAVELVIVE	126
NTDB id 1251 GCO85 RS07725 WP 011946523.1	MLDINCIDVGT...IPVNLVNEKLIK RHAMVPLFSR...GTNLYLATDDPSKQASLKEIQFHTG...LNTHAIVE	135
NTDB id 1042923 ABQ014 RS16800 WP 104551201.1	LMDVSVFDANQ...NAVKLVSEELIQKYQVLP LFKR...GNRLFVGVSNPTQTRALDDIKFHTN...LVVEPILVD	137
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YFDLDVYDTSQ...IPKDLVDQKLILK HRIPLIQR...GQILYVATSNPSNIEAIDAIRFNSK...LLVEPVIVE	135
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LIDLGVFDPAL...FLKDKIDEKLIQKYRIMPLVHR...GHVLYVATSNPTNIEAMD AIRFNSK...LKVEPILIVE	135
consensus	*** ** * * ** * ** * ** *! ** ** * * * ** ** * ** * ** *	

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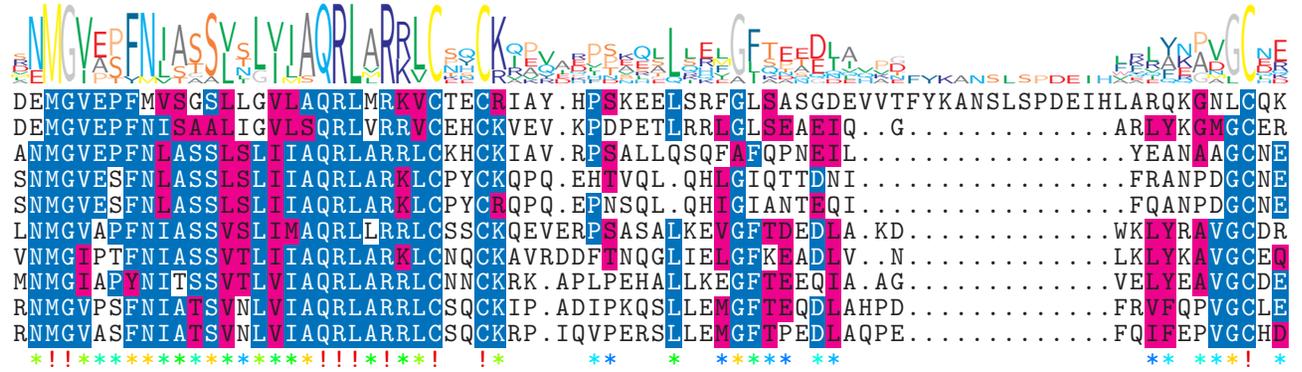
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 NTDB id 1042923 ABQ014 RS16800 WP 104551201.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



481
754
430
430
421
439
443
434
434

logo

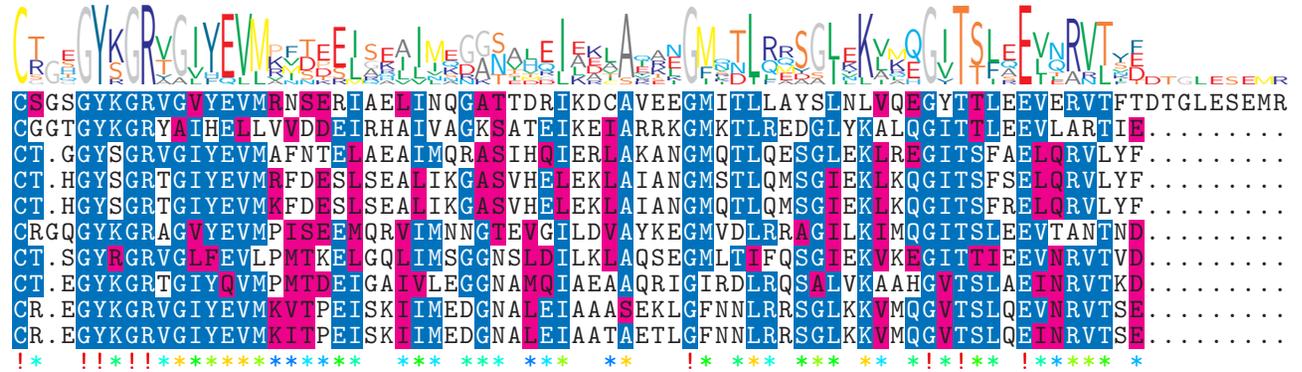
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 NTDB id 1042923 ABQ014 RS16800 WP 104551201.1
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 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



560
818
492
491
491
487
504
508
500
500

logo

NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1028 TT RS08215 WP 011173991.1
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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 1042923 ABQ014 RS16800 WP 104551201.1
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 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



640
889
562
561
561
558
574
578
570
570

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	AKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
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
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 1042923 ABQ014 RS16800 WP 104551201.1	.....	578
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

- non conserved
- similar
- ≥ 50% conserved