

logo

		MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1028	TT RS08215 WP 011173991.1	.MALSIGDRRRLGAILLDQG YLGDN DLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	79
NTDB id 1306	DR RS10060 WP 027479822.1	.....	0
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1468	ASU2 RS05090 WP 014991734.1	.....	0
NTDB id 96746	AS586 RS11580 WP 023243401.1	.....	0
NTDB id 1436	BW25113 RS00530 WP 001025145.1	.....	0
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 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
consensus			

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		ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD T L S LEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELG L P V P P P . . P	158
NTDB id 1028	TT RS08215 WP 011173991.1	RSIRPQTALNLQAFPFAL E . . GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1306	DR RS10060 WP 027479822.1		0
NTDB id 1410	SGL RS13950 WP 010873519.1		0
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NTDB id 1384	A4U84 RS08525 WP 010787006.1		0
NTDB id 1468	ASU2 RS05090 WP 014991734.1		0
NTDB id 96746	AS586 RS11580 WP 023243401.1	.....	0
NTDB id 1436	BW25113 RS00530 WP 001025145.1	.....	0
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 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
consensus			

logo

NTDB	id	Accession	Protein	Sequence	Score
NTDB	id 1028	TT RS08215 WP 011173991.1	SGEGQKDKLKGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237	
NTDB	id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGGERLITHGYITDAQLQVALDAQQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237	
NTDB	id 1410	SGL RS13950 WP 010873519.1	.....	0	
NTDB	id 1366	NTHI RS01950 WP 011271972.1	.....	0	
NTDB	id 1355	HI 0298 AAC21962.1	.....	0	
NTDB	id 1384	A4U84 RS08525 WP 010787006.1	.....	0	
NTDB	id 1468	ASU2 RS05090 WP 014991734.1	.....	0	
NTDB	id 96746	AS586 RS11580 WP 023243401.1	.....	0	
NTDB	id 1436	BW25113 RS00530 WP 001025145.1	.....	0	
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 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	
consensus					

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[illegible]

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NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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EALKEALEVQKGLPRAKPLGEIIVELGLARPEDVEEALQKQRRGGGRLEDTVQS..GKLRPEALQAQ.....VATQL 388
 DQLREALQVQAREGKVKPLGEVITELGFASPDEVDLSALQKQNVGGGRLEDTVQS..GKLSPEMLARS.....LAAQL 388
 SSSSKKSRAVALRNYFSPFGNKLIVAGGHVDAEQLRQALVQVKKTGRSLPEELKAVTGRELSPPELLRQYKKNQLFELKVLV 83
MTSYA.....LLHTQRVTAQ.....NGEIF 20
MTSYA.....LLHTQRVTAK.....NGEVF 20
MSQYT.....ICEQQ.....TERIF 15
MQYS.....VCDMN.....SQQVF 14
 0
 0
MLTNLVAIVRQAE LISATQEQA VVTQVSASGTSVPEALLEL..SIFHAQELTEQ.....LSHIF 57
MHSNLSTIIRQKGLLTFSQEESLIEQVKASGISMPEALLSS..GFFTSSLEAEH.....LSSI 57
MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLSS..GFFQSHELTEH.....LSSV 57
MALATEEYRLQGIGQLIVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQIALT.....AAQNF 65
MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDTPYILIDN..FSISPLTIAEI.....ISLEF 65
MSALHTSPKFTGFFRRRLVEEKHVSAAATMQTALDAAKRAKQDTPVAYLIEE..VHLSPSLIAET.....ISAEF 65

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NTDB id 1028 TT RS08215 WP 011173991.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1

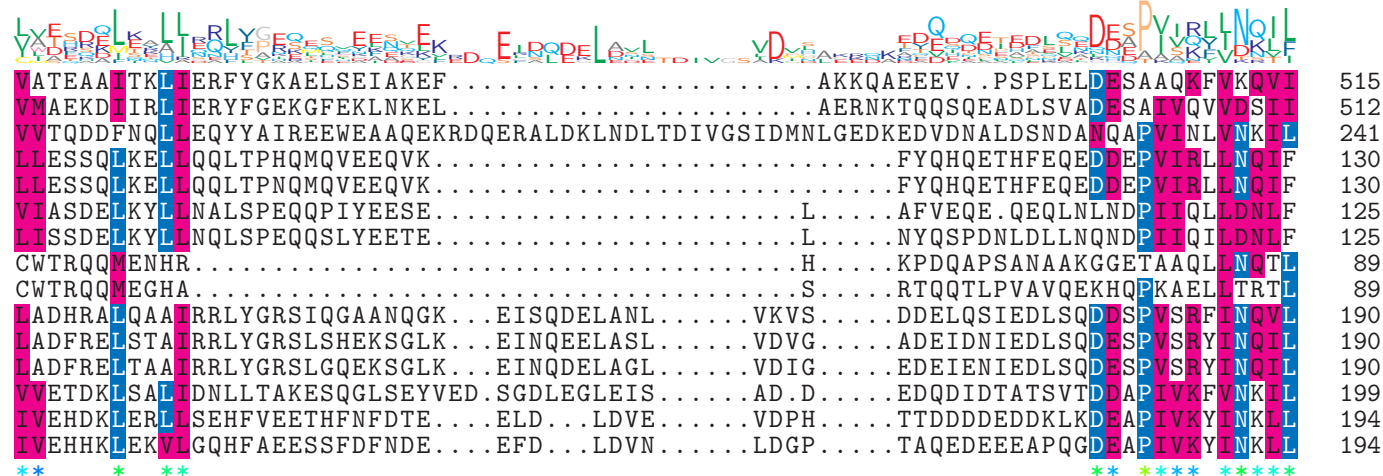
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Sequence	Score
CYPYVDPEED...PPDPGAPLLLLPEDLCRRYGVFPHRLEG...NRVLVLLMKDPRNILALDDVRLALKRKGLNVEYAPA	460
GYEFLDPIQN...PPDPKVALMPEATARRVYVVPVRLQG...NSLVVAMKDPRNVFALDDKLITG...KEILPA	455
GVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLEPLAQQEGDPPSVLVAMVDPDNLAAQDELNRILRVKG...FEELRL	161
...TI...SPDLWERNQQQQSLILRYFALPLKEEN...NRLWLGVDSLNLACETIAFI...TG...KPVEPI	79
...TI...SPDLWERNQQQQSLILRYFALPLKEEN...NRLWLGVDSLNLACETIAFI...TG...KPVEPI	79
...DI...SPSRWQKNCEEQQLILRYLAVPVQETE...HKLWLAVDDENNITACEIFAFM...TH...KQIEPV	74
...DI...SESLWQKNCDEKHTILRYLAIPQEND...DTLWLAVDDMNNITACEIFAFI...AH...KTIEPV	73
...MKDAQLNTLCQRHQAVLINSAS...NSTITAVVDAPSHALLDALHFA...TQ...KQIDIV	52
...MNIPQLTALCLRYHGVLLDASE...EVHVAVVDAPSHELLDALHFA...TT...KRIEIT	52
GLPETDLSRY...DYANLCQQLGLRELITRYDAIPAKQG...NLILLVADPTLQAEEDFRFA...TG...LQVELA	124
GLSQPELSQY...EYASLCQQLGLRELITRHNAIPLHRT...STLLVADPTNQAEEDFRFA...TG...LQVELV	124
GLSCTSLNQY...EYASLCQQLGLRDLITRHNAIPLNRTS...STLILVADPTNQAEEDFRFA...TG...LQVELV	124
GVPMLDINCI...DVG TIPVNLVNEKLIKRHAMVPLFSRG...TNLYLATDDPSKQASLKEITQFH...TG...LNTHAI	132
GEPLLDLGVF...DPALFLKDKIDEKLIKQYRIMPLVHRG...HVLVYVATSNPTNTEAMDARFN...SK...LKVEPI	132
AEPYFDLDVY...DTSQIPKDLVDQKLIKLRILPLIQRG...QILYVATSNPSNTEAMDARFN...SK...LLVEPV	132

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NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1355 HI 0298 AAC21962.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1468 ASU2 RS05090 WP 014991734.1
NTDB id 96746 AS586 RS11580 WP 023243401.1
NTDB id 1436 BW25113 RS00530 WP 001025145.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1355 HI 0298 AAC21962.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
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NTDB id 96746 AS586 RS11580 WP 023243401.1
NTDB id 1436 BW25113 RS00530 WP 001025145.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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NTDB id 1028 TT RS08215 WP 011173991.1		889
NTDB id 1306 DR RS10060 WP 027479822.1		887
NTDB id 1410 SGL RS13950 WP 010873519.1	MRAKRKSA LTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	464
NTDB id 1355 HI 0298 AAC21962.1	.....	464
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	461
NTDB id 1468 ASU2 RS05090 WP 014991734.1	.....	461
NTDB id 96746 AS586 RS11580 WP 023243401.1	.....	461
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	461
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 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved