

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSXLDIGDRRLGAALLDQGYLDNQLQRALERHREVGGLAEVLVDMLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	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 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 1069524 ACFELJ RS24615 WP 033976388.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	RLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLEIVVPSGA	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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consensus		

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NTDB id 1306 DR RS10060 WP 027479822.1	SDAGRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEQGTTFLPNPSGFHPGEEVL	237
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consensus		

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consensus
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[illegible]

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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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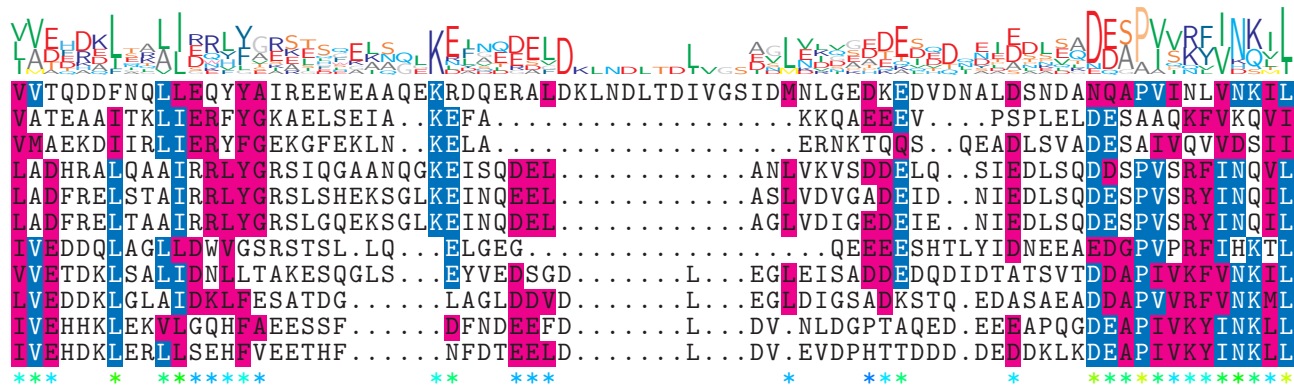
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DQLREALQVQAREGKVKPLGEVITELGFASPDVDSDALQKQNVGGRLIEDTLV..QSGKLSPEMLARS.....LAAQL	388
.....MLTNLVAIILRQAE LISATQEQAVVTQVSASGTSVPEALL..ELSI FHAQELTEQ.....LSHIF	57
.....MHSNLSTILRQKGLLTFSQEESLIEQVKASGISMPEALL..SSGFFTSSLEAEH.....LSSIF	57
.....MLTNLSTVLRQAGILTFQSQEESLIEQVKASGISMPEALL..SSGFFTQSHELTEH.....LSSVF	57
.....MSVGLLRILVQNQVVTVEQA EHYNES.QACKEVLPMLF..SDGVTSPKSLAAL.....IARVF	56
.....MALATEEYRLQGITQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIV..KNKILSAEQIALT.....AAQNF	65
.....MNDSIQLSGLSRQLVQANLLDEKTA LQAQAQAQRNKLALVTHLV..QNKLVSGLLAE L.....SAEQF	62
.....MSALHTSPKFTGFFRRLVEEKHVS AATMQTALDAAKRAKQDTVAYLI..EEVHLSPSL LAET.....ISAEF	65
.....MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKFKQDIVPYLI..DNFSLPLTIAEI.....ISLEF	65

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NTDB id 1028 TT RS08215 WP 011173991.1
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consensus
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Sequence	Position
G V D S V D P E V A P I A T Q Q M A E L I G R F F P L D T C R R F K F L P L A Q Q E G D P P S V L V A M V D P D N L A A Q D E L N R I L R V K G F . E L R R L	161
G Y P Y V D P E E D P P D P G A P L L L P E D L C R R Y G V F P H R L E G . . . N R L V L M K D P R N I L A D D V R L A L K R K G L N Y E V A P A	460
G Y E F L D P I Q N P P D P K V A L M I P E A T A R R Y V V V P V R L Q G . . . N S L V V A M K D P R N V F A D D L K L I T G K E I L P A	455
G I P E T D L S R Y D Y A N L C Q Q L G L R E L I T R Y D A L P I A K Q G . . . N L L L A V S D P T L L Q A E E E F R F A T G L Q V E L A	124
G L S Q P E L S Q Y E Y A S L C Q L L G L R E L I T R H N A L P L H R T P . . . S T L L A V A D P T N Q Q A E D D F R F A T G L Q V E L V	124
G L S C T S L N Q Y E Y A S L C Q T L G L R D L I T R H N A L P L N R T S . . . S T L L A V A D P T N L Q A E D D F R F A T G L Q V E L V	124
S Y S I L D L R H Y P R H R V L M G V I T E E Q M V E H C V P V F R R G . . . D K V F F A V S D P T Q M P Q I Q K T V S A A G I A V E L V	123
G V P M L D I N C I D V G T I P V N L V N E K L I K R H A M V P L F S R G . . . T N L Y L A T D D P S K Q A S I K E I Q F H T G L N T H A I	132
G I A Y C D L N S L D K E S F P R D A I S E K L V R Q H R V I P L W R R G . . . N K L F V G I S D P A N H Q A I N D V Q F S T G L T T E A I	129
A E P Y F D L D V Y D T S Q I P K D L V D Q K L I L K H R I L P L I Q R G . . . Q I L Y V A T S N P S N I E A I D A I R F N S K L L V E P V	132
G E P L L D L G V F D P A L F L K D K I D E K L I Q K Y R I M P L V H R G . . . H V L Y V A T S N P T N I E A M D A I R F N S K L K V E P I	132

logo

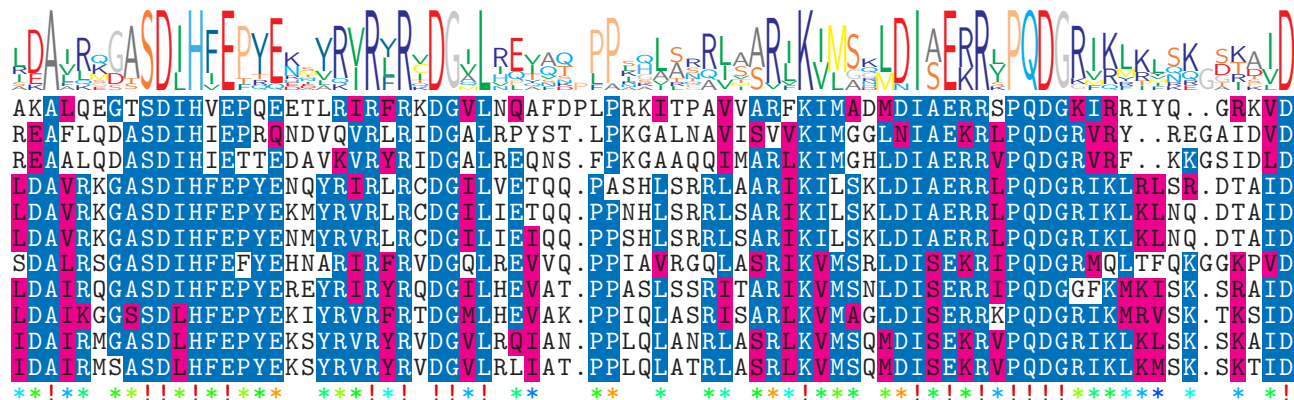
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



241
515
512
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180
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logo

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
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consensus



319
592
589
268
268
268
259
277
270
272
272

logo

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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



399
672
669
348
348
348
339
357
350
352
352

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1		889
NTDB id 1306 DR RS10060 WP 027479822.1		887
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved