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| | | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1028 | TT RS08215 WP 011173991.1 | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1306 | DR RS10060 WP 027479822.1 | .MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAAL | 79 |
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| NTDB id 1018 | ACIAD RS01685 WP 004920473.1 | | 0 |
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| | | ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P | 158 |
| NTDB id 1028 | TT RS08215 WP 011173991.1 | ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P | 158 |
| NTDB id 1306 | DR RS10060 WP 027479822.1 | RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIEIVVPSGA | 157 |
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| NTDB id 1018 | ACIAD RS01685 WP 004920473.1 | | 0 |
| | consensus | | 0 |

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| | | SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGFLESTEGIVDPDSAA | 237 |
| NTDB id 1028 | TT RS08215 WP 011173991.1 | SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGFLESTEGIVDPDSAA | 237 |
| NTDB id 1306 | DR RS10060 WP 027479822.1 | SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL | 237 |
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| NTDB id 1018 | ACIAD RS01685 WP 004920473.1 | | 0 |
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| NTDB id 1028 TT RS08215 WP 011173991.1 | L L L L R S D A L R Y G A V P I G F Q N G E V E V L S D P R H K E A V A Q L L N R P A R F Y L A L P Q A W E E L F R R A Y P Q K N R L G E V L V Q E G K L S R | 317 |
| NTDB id 1306 DR RS10060 WP 027479822.1 | G S M L R A D A L R L L A V P V D E T E Q G V T V L T S D P R K R P D I D A L I G R P V Q L M L T R P R D I E R L I E Q F Y P Q R G R L G E Q L V Q E G T L S R | 317 |
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| NTDB id 1028 TT RS08215 WP 011173991.1 | E A L K E A L E V Q K G L P R A K P L G E I L V E L G L A R P E D V E E A I Q K Q R R G G G R I E D T L V Q S G K L R P E A L A Q A V A T Q L G Y P Y V D P E E | 397 |
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| NTDB id 1355 HI 0298 AAC21962.1 | | 22 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | M S V G L L R I L V Q N Q V V T V E Q A E H Y N E S . Q A G K E V L P M L F S D G V I S P K S L A A L I A R V F S Y S I L D L R H | 65 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | M L T N L V A I L R Q A E L I S A T Q E Q A V V T Q V S A S G T S V P E A L L E L S I F H A Q E L T E Q L S H I F G L P E T D L S R | 66 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | M H S N L S T I L R Q K G L L T F S Q E E S L I E Q V K A S G I S M P E A L L S S G F F T S S E L A E H L S S I F G L S Q P E L S Q | 66 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | M L T N L S T V L R Q A G I L T F S Q E E S L I E Q V K A S G I S M P E A L L S S G F F Q S H E L T E H L S S V F G L S C T S L N Q | 66 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | M A L A T E E Y R L Q G I G Q L L V L E K L L D K T K A I E L H K L A A A E K I S L L Q Y I V K N K I L S A E Q I A L T A A Q N F G V P M L D I N C | 74 |
| NTDB id 203585 BLL42 RS17950 WP 071553275.1 | M N D I A L S G L A K Q L V L A E L L T D Q S A Q Q A D Q Q A H R N R V S L V S Y L V Q N K L V N S R Q V A E I A S E H F G V A F L D L N C | 70 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | M S A L H T S P K F T G F F R R L V E E K H V S A A T M Q T A I D A A K R A K Q D T V A Y L I E E V H L S P S L L A E T I S A E F A E P Y F D L D V | 74 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | M S A F T T P P K F S G F I R R L V E E G Y V N A Q N M Q Q A L E K A K K F K Q D I V P Y L I D N F S I S P L T I A E I I S L E F G E P L D L G V | 74 |

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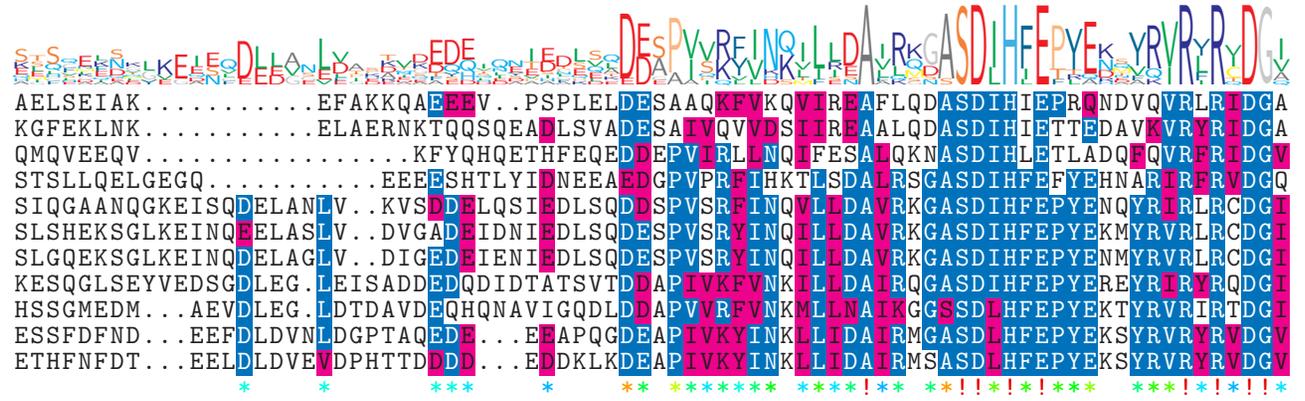
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| NTDB id 1306 DR RS10060 WP 027479822.1 | N P P D P K V A L M I P E A T A R R Y V V V P V R L Q G N S L V V A M K D P R N V F A L D D L K L I T G K E I L P A V M A E K D I I R L I E R Y F G E | 472 |
| NTDB id 1355 HI 0298 AAC21962.1 | . S P D L W E R N Q Q Q S L I L R Y F A L P L K E E N N R L W L G V D S L S N L S A C E T I A F I T G K P V E P I L L E S S Q L K E L L Q Q L T P N | 96 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | Y P R H R V L M G V L T E E Q M V E F 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 I V E D D Q L A G L L D W V G S R | 140 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | 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 L A D H R A L Q A A I R R L Y G R | 141 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | Y E Y A S L C Q Q L G L R E L I T R H N A L P L H R T P S T L 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 L A D F R E L S T A I R R L Y G R | 141 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | 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 I 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 L A D F R E L T A A I R R L Y G R | 141 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | 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 L K E I Q F H T G L N T H A I V V E T D K L S A L I D N L L T A | 149 |
| NTDB id 203585 BLL42 RS17950 WP 071553275.1 | L D Q D S Q P T D L V S E K L I R Q H H A L P L W R R G N K L F V G I S D P S N H Q A I N D I Q F S T G L T T E A I L V E D D K L S D A I D K F F D T | 145 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | 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 T E A I D A I R F N S K L L V E P V I V E H H K L E K V L G Q H F A E | 149 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | 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 I V E H D K L E R L L S E H F V E | 149 |

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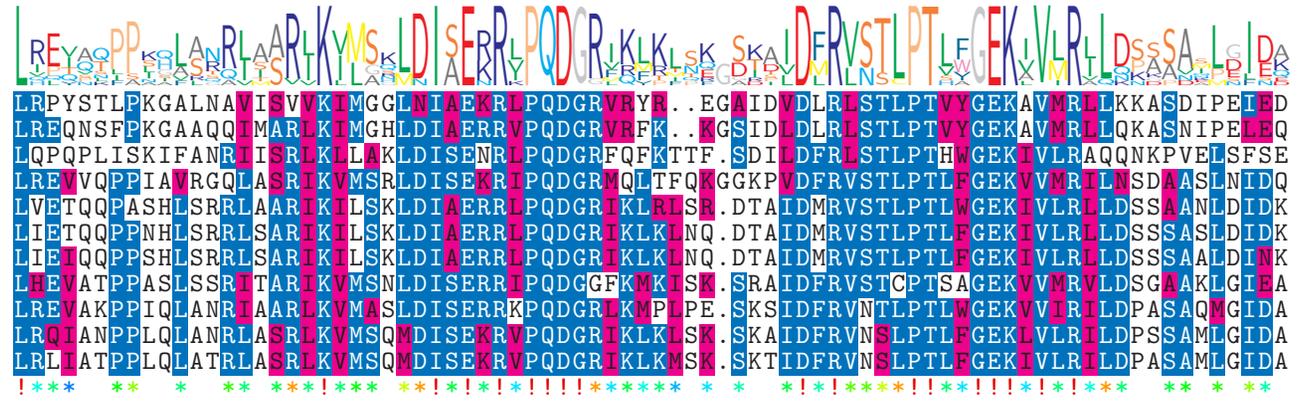
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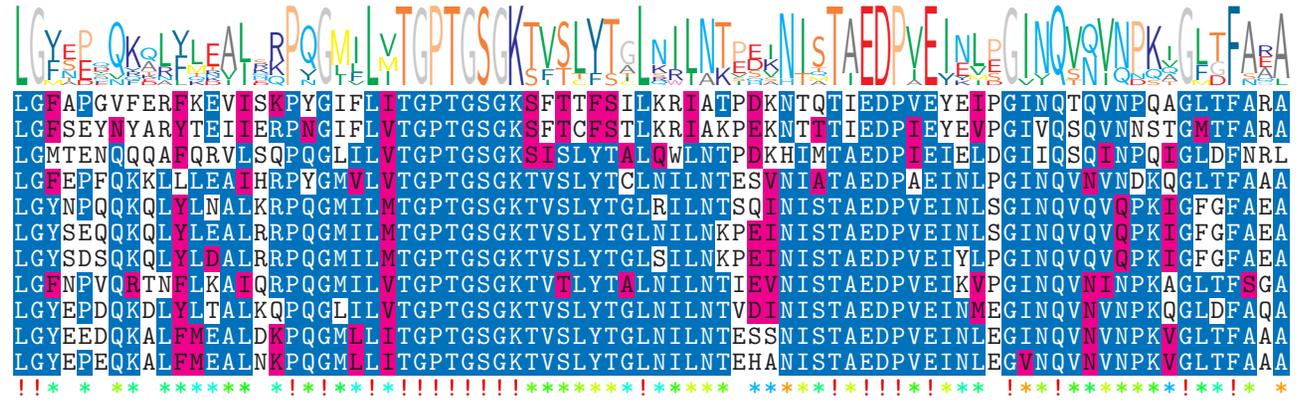
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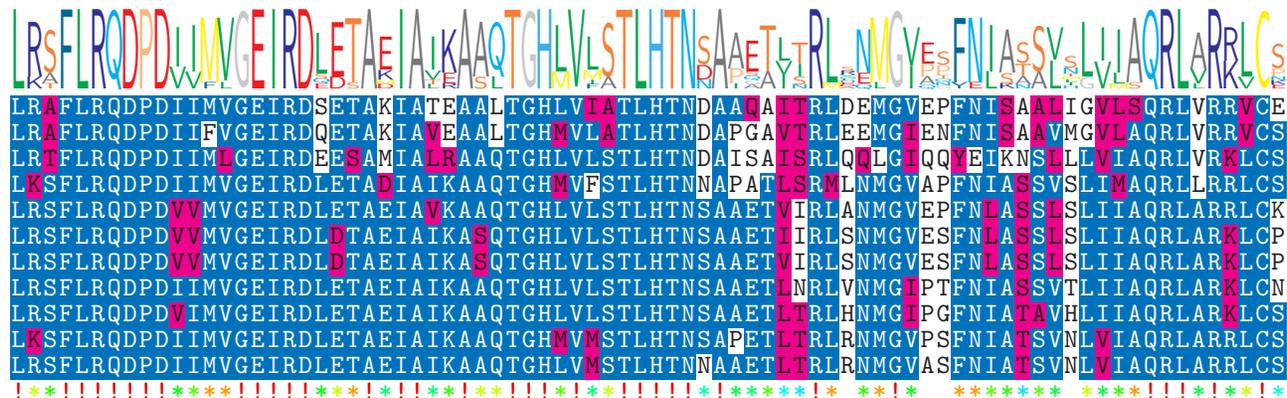
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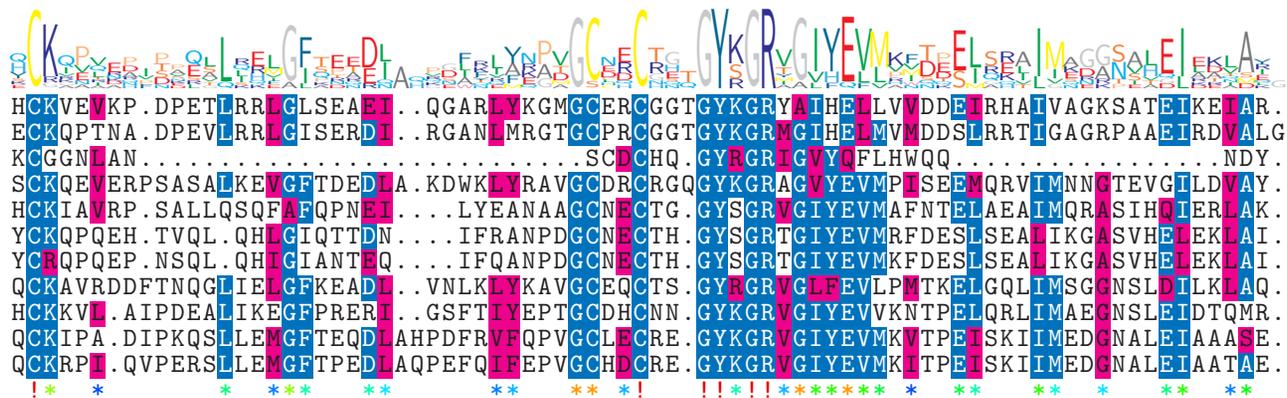
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- non conserved
- similar
- ≥ 50% conserved