

logo

|   |  |    |
|---|--|----|
| NTDB id 1028 TT RS08215 WP 011173991.1        | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1   | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 0  |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1     | .....  | 0  |
| NTDB id 1293 VP RS12240 WP 005479695.1        | .....  | 0  |
| NTDB id 1110 NGFG RS09235 WP 003689817.1      | .....  | 0  |
| NTDB id 1251 GC085 RS07725 WP 011946523.1     | .....  | 0  |
| NTDB id 1134888 ACLWA7 RS17175 WP 053051303.1 | .....  | 0  |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1      | .....  | 0  |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1     | .....  | 0  |
| consensus                                     |  |    |

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|---|---|-----|
| NTDB id 1028 TT RS08215 WP 011173991.1        | ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSEEEVEDLTGLVVEPYQTTSKSAFLYALAKHYPELGLPVPPPPSG | 160 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1   | ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSEEEVEDLTGLVVEPYQTTSKSAFLYALAKHYPELGLPVPPPPSG | 0   |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1     | .....   | 0   |
| NTDB id 1293 VP RS12240 WP 005479695.1        | .....   | 0   |
| NTDB id 1110 NGFG RS09235 WP 003689817.1      | .....   | 0   |
| NTDB id 1251 GC085 RS07725 WP 011946523.1     | .....   | 0   |
| NTDB id 1134888 ACLWA7 RS17175 WP 053051303.1 | .....   | 0   |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1      | .....   | 0   |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1     | .....   | 0   |
| consensus                                     |   |     |

logo

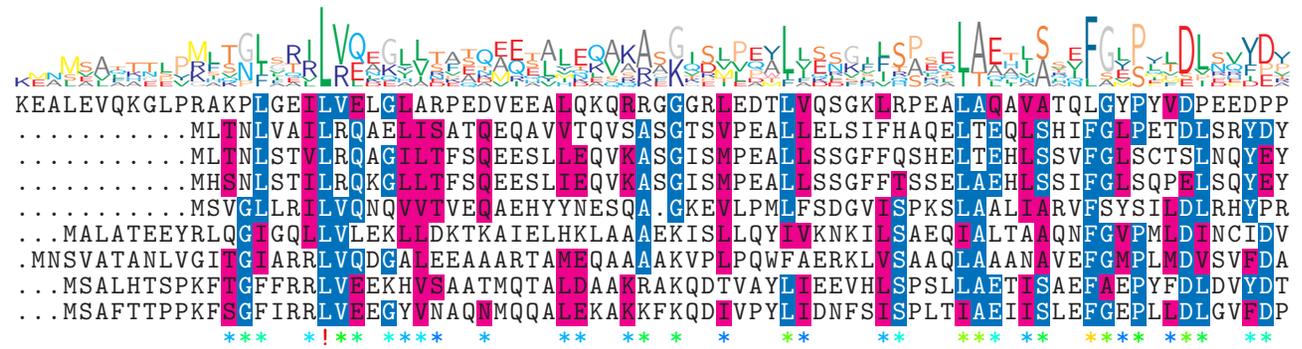
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|---|--|-----|
| NTDB id 1028 TT RS08215 WP 011173991.1        | EGQKDLKLGELLQKGIWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL | 240 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1   | EGQKDLKLGELLQKGIWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL | 0   |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1     | .....  | 0   |
| NTDB id 1293 VP RS12240 WP 005479695.1        | .....  | 0   |
| NTDB id 1110 NGFG RS09235 WP 003689817.1      | .....  | 0   |
| NTDB id 1251 GC085 RS07725 WP 011946523.1     | .....  | 0   |
| NTDB id 1134888 ACLWA7 RS17175 WP 053051303.1 | .....  | 0   |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1      | .....  | 0   |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1     | .....  | 0   |
| consensus                                     |  |     |

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|---|---|-----|
| NTDB id 1028 TT RS08215 WP 011173991.1        | LRSDALRYGAVPIGFQNGEVEVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL | 320 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1   | LRSDALRYGAVPIGFQNGEVEVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL | 0   |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1     | .....   | 0   |
| NTDB id 1293 VP RS12240 WP 005479695.1        | .....   | 0   |
| NTDB id 1110 NGFG RS09235 WP 003689817.1      | .....   | 0   |
| NTDB id 1251 GC085 RS07725 WP 011946523.1     | .....   | 0   |
| NTDB id 1134888 ACLWA7 RS17175 WP 053051303.1 | .....   | 0   |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1      | .....   | 0   |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1     | .....   | 0   |
| consensus                                     |   |     |

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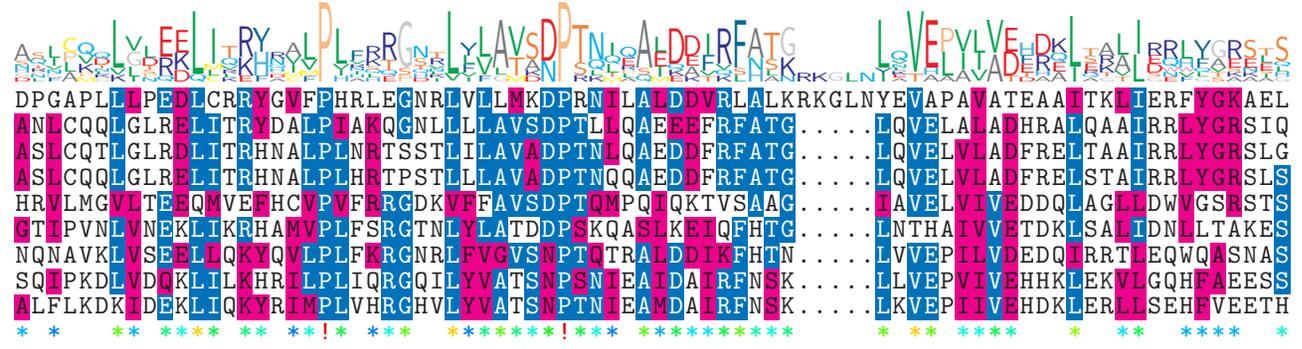
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 NTDB id 1110 NGFG RS09235 WP 003689817.1  
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 NTDB id 1134888 ACLWA7 RS17175 WP 053051303.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



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logo

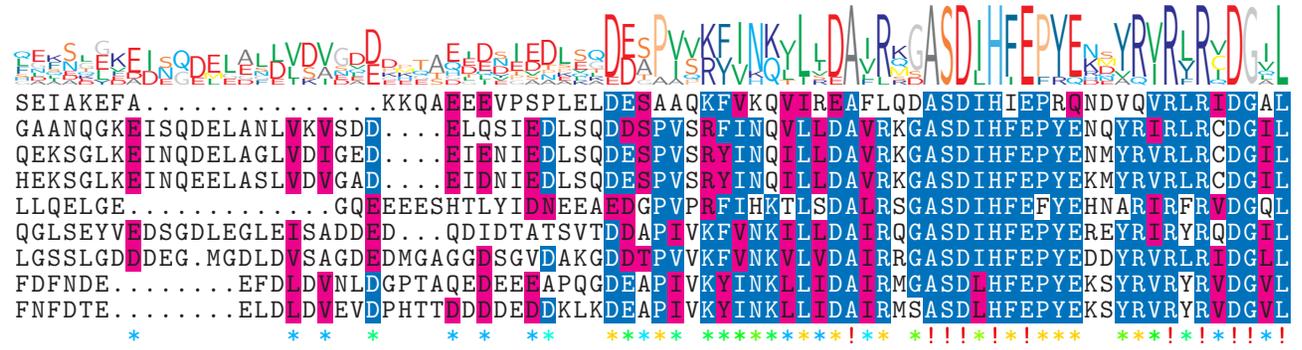
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



480  
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152

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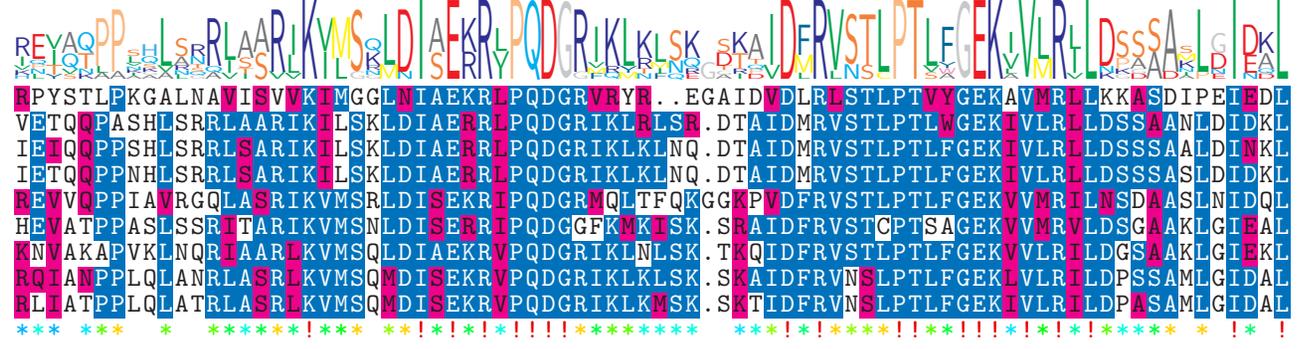
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NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
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 NTDB id 1018 ACIAD RS01685 WP 004920473.1



623  
299  
299  
299  
290  
308  
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303



 non conserved  
 similar  
  $\geq 50\%$  conserved