

logo

|   |  |    |
|---|--|----|
| NTDB id 1028 TT RS08215 WP 011173991.1      | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | .....  | 0  |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1   | .....  | 0  |
| NTDB id 1293 VP RS12240 WP 005479695.1      | .....  | 0  |
| NTDB id 242318 CJ098 RS03195 WP 075463376.1 | .....  | 0  |
| NTDB id 1110 NGFG RS09235 WP 003689817.1    | .....  | 0  |
| NTDB id 1251 GC085 RS07725 WP 011946523.1   | .....  | 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      | ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTL SLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG | 160 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | .....   | 0   |
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| NTDB id 1293 VP RS12240 WP 005479695.1      | .....   | 0   |
| NTDB id 242318 CJ098 RS03195 WP 075463376.1 | .....   | 0   |
| NTDB id 1110 NGFG RS09235 WP 003689817.1    | .....   | 0   |
| NTDB id 1251 GC085 RS07725 WP 011946523.1   | .....   | 0   |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1    | .....   | 0   |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1   | .....   | 0   |
| consensus                                   |   |     |

logo

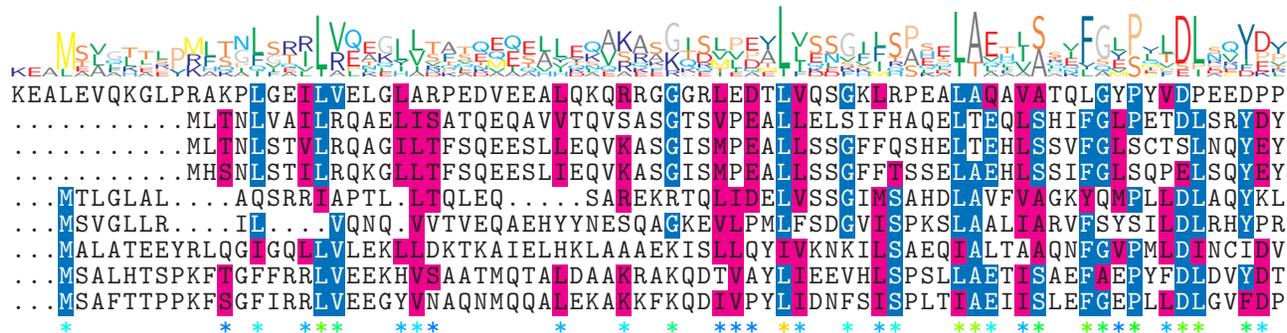
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|---|--|-----|
| NTDB id 1028 TT RS08215 WP 011173991.1      | EGQKDLKLGELL LQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLFLESTEGIVPDPSAALLL | 240 |
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| NTDB id 1401 DSB67 RS12665 WP 010643259.1   | .....  | 0   |
| NTDB id 1293 VP RS12240 WP 005479695.1      | .....  | 0   |
| NTDB id 242318 CJ098 RS03195 WP 075463376.1 | .....  | 0   |
| NTDB id 1110 NGFG RS09235 WP 003689817.1    | .....  | 0   |
| NTDB id 1251 GC085 RS07725 WP 011946523.1   | .....  | 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      | LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL | 320 |
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| NTDB id 1401 DSB67 RS12665 WP 010643259.1   | .....  | 0   |
| NTDB id 1293 VP RS12240 WP 005479695.1      | .....  | 0   |
| NTDB id 242318 CJ098 RS03195 WP 075463376.1 | .....  | 0   |
| NTDB id 1110 NGFG RS09235 WP 003689817.1    | .....  | 0   |
| NTDB id 1251 GC085 RS07725 WP 011946523.1   | .....  | 0   |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1    | .....  | 0   |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1   | .....  | 0   |
| consensus                                   |  |     |

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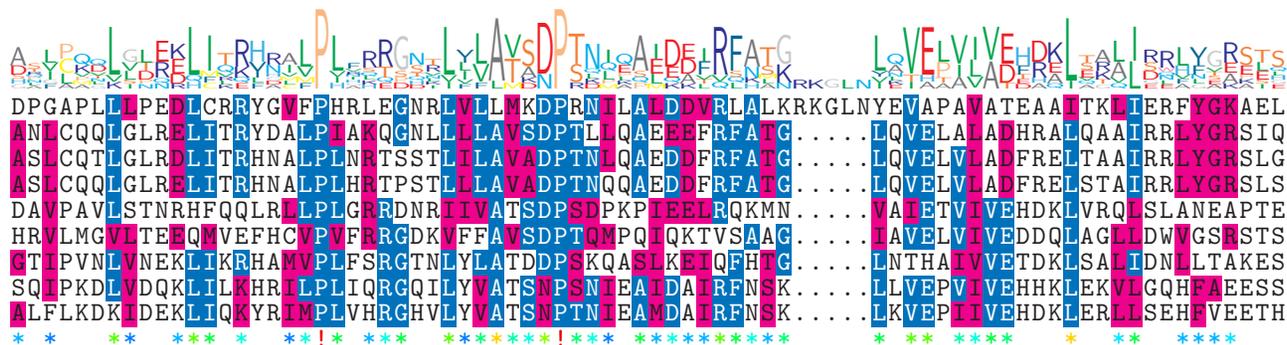
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 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 242318 CJ098 RS03195 WP 075463376.1  
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



400  
69  
69  
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logo

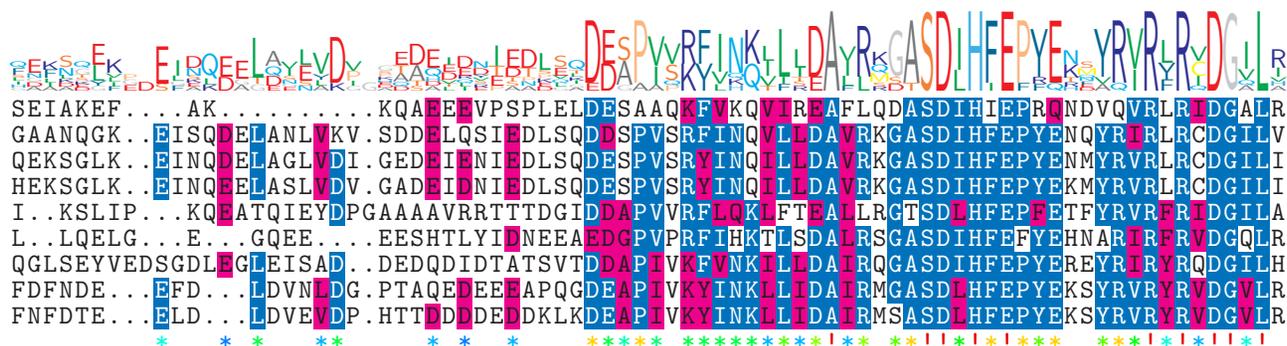
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 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



480  
144  
144  
144  
142  
143  
152  
152  
152

logo

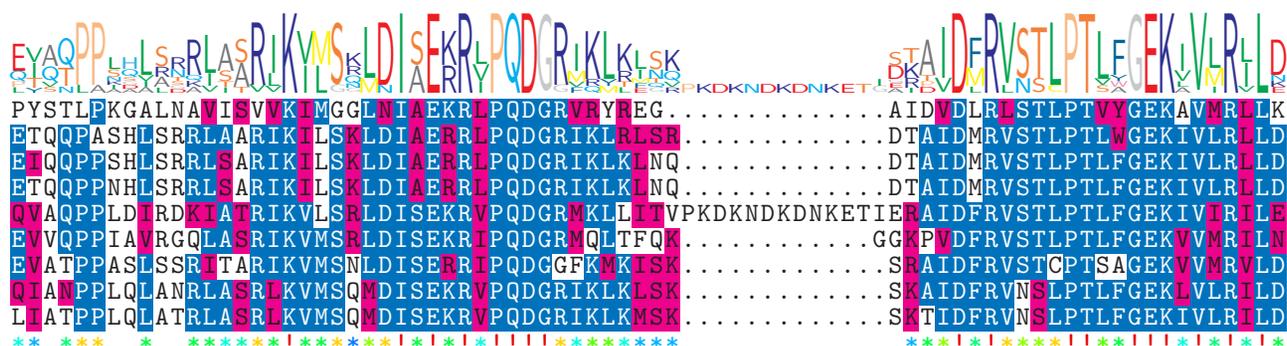
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 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



546  
221  
221  
221  
217  
211  
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225

logo

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



612  
288  
288  
288  
297  
279  
297  
292  
292



 non conserved  
 similar  
  $\geq 50\%$  conserved