

logo

| | | |
|---|--|----|
| | MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT | |
| NTDB id 374 SMU RS06885 WP 002262930.1 | ..... | 0 |
| NTDB id 413 AAK55817.1 141..845( ) | ..... | 0 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT | 80 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1033426 AB8808 RS16395 WP 081916779.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | |

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|---|---|-----|
| | ALFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGFVRSSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ | |
| NTDB id 374 SMU RS06885 WP 002262930.1 | ..... | 0 |
| NTDB id 413 AAK55817.1 141..845( ) | ..... | 0 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | ALFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGFVRSSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ | 160 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1033426 AB8808 RS16395 WP 081916779.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | |

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| | QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDFDILLVVDIDGNVVSIIKYDNFGTNLLTGKYY | |
| NTDB id 374 SMU RS06885 WP 002262930.1 | ..... | 0 |
| NTDB id 413 AAK55817.1 141..845( ) | ..... | 0 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDFDILLVVDIDGNVVSIIKYDNFGTNLLTGKYY | 240 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1033426 AB8808 RS16395 WP 081916779.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | |

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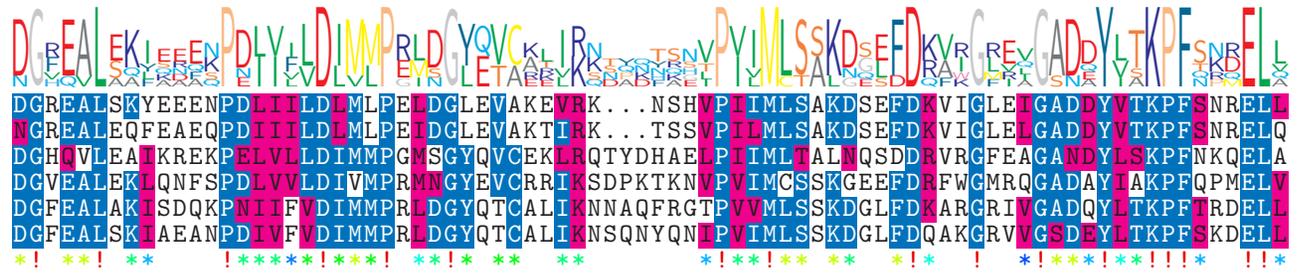
| | | |
|---|--|-----|
| | DTNLGHTFKRLEQTVNEQRKTNEFTPVI SDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLI AEGSSNPSM | |
| NTDB id 374 SMU RS06885 WP 002262930.1 | ..... | 0 |
| NTDB id 413 AAK55817.1 141..845( ) | ..... | 0 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | DTNLGHTFKRLEQTVNEQRKTNEFTPVI SDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLI AEGSSNPSM | 320 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1033426 AB8808 RS16395 WP 081916779.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | |

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|---|---|-----|
| | QTILVGGDHRSRRTLTSAEI AVEKSKAVVDLALSGKRAVGTYTNTDGEQIIAAYAPINLKNIH WALVVELPEKEAFARVRQ | |
| NTDB id 374 SMU RS06885 WP 002262930.1 | ..... | 0 |
| NTDB id 413 AAK55817.1 141..845( ) | ..... | 0 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | QTILVGGDHRSRRTLTSAEI AVEKSKAVVDLALSGKRAVGTYTNTDGEQIIAAYAPINLKNIH WALVVELPEKEAFARVRQ | 400 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1033426 AB8808 RS16395 WP 081916779.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | |

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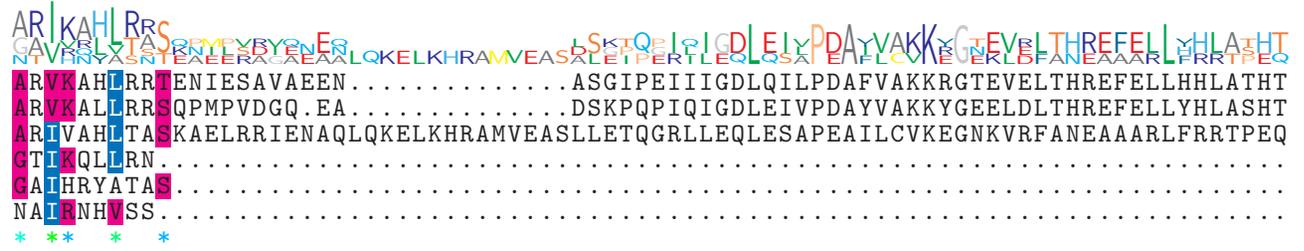
NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 1143 A1552VC RS01965 WP 001883436.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1033426 AB8808 RS16395 WP 081916779.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



109
109
880
112
108
118

logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 1143 A1552VC RS01965 WP 001883436.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1033426 AB8808 RS16395 WP 081916779.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



175
174
960
121
118
127

logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 1143 A1552VC RS01965 WP 001883436.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1033426 AB8808 RS16395 WP 081916779.1
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 consensus

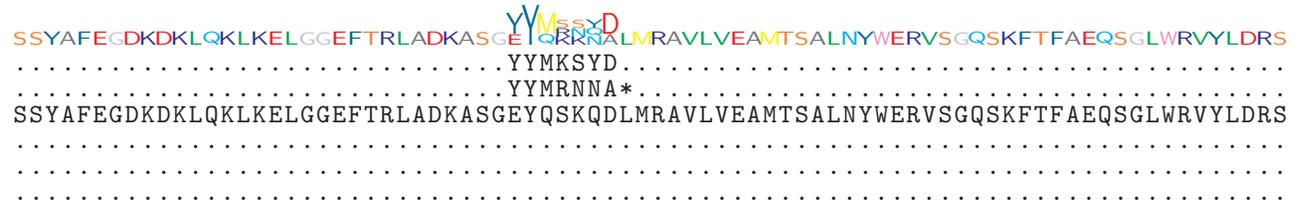


228
227
1037
121
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127

<0

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NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 1143 A1552VC RS01965 WP 001883436.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1033426 AB8808 RS16395 WP 081916779.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



235
234
1117
121
118
127

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|---|---|------|
| NTDB id 374 SMU RS06885 WP 002262930.1 | TLQTRTLDKYLRIETLPKTPRWRTLNSLDYILEHCKEAGPERTHIEMQRDKLQKLLTSE | 235 |
| NTDB id 413 AAK55817.1 141..845( ) | ..... | 234 |
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | TLQTRTLDKYLRIETLPKTPRWRTLNSLDYILEHCKEAGPERTHIEMQRDKLQKLLTSE | 1177 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 121 |
| NTDB id 1033426 AB8808 RS16395 WP 081916779.1 | ..... | 118 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | ..... | 127 |
| consensus | | |

- non conserved
- similar
- $\geq 50\%$ conserved