

logo

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|---|--|----|
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT | 80 |
| NTDB id 374 SMU RS06885 WP 002262930.1 | MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT | 0 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1044435 ACEN8S RS04220 WP 166700483.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | |

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|---|---|-----|
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | ALFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGFVRSSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ | 160 |
| NTDB id 374 SMU RS06885 WP 002262930.1 | ALFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGFVRSSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ | 0 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1044435 ACEN8S RS04220 WP 166700483.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | |

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| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDFDILLVDIDGNVVYSIYKYDNFGTNLLTGKYQ | 240 |
| NTDB id 374 SMU RS06885 WP 002262930.1 | QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDFDILLVDIDGNVVYSIYKYDNFGTNLLTGKYQ | 0 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1044435 ACEN8S RS04220 WP 166700483.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | |

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| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | DTNLGHTFKRLEQTVNEQRKTNEDFTPVVISDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLI AEGSSNPSM | 320 |
| NTDB id 374 SMU RS06885 WP 002262930.1 | DTNLGHTFKRLEQTVNEQRKTNEDFTPVVISDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLI AEGSSNPSM | 0 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1044435 ACEN8S RS04220 WP 166700483.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | |

logo

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|---|---|-----|
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | QTILVCGDHRSRRLTSAEIAVEKSKAVVDLALSGKRAVGTYTNTDGEQIIAAYAPINLNKNIHWALVVELPEKEAFARVRQ | 400 |
| NTDB id 374 SMU RS06885 WP 002262930.1 | QTILVCGDHRSRRLTSAEIAVEKSKAVVDLALSGKRAVGTYTNTDGEQIIAAYAPINLNKNIHWALVVELPEKEAFARVRQ | 0 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1044435 ACEN8S RS04220 WP 166700483.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | |

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|---|---|-----|
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | LEKLFVFA ML TAIVLVVIASHYLSNFITSP LL KL T WAAERVSAGDLDEAMINTERKDEIGRLAVSFERMQRSIREKISLI | 480 |
| NTDB id 374 SMU RS06885 WP 002262930.1 | LEKLFVFA ML TAIVLVVIASHYLSNFITSP LL KL T WAAERVSAGDLDEAMINTERKDEIGRLAVSFERMQRSIREKISLI | 0 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1044435 ACEN8S RS04220 WP 166700483.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | 0 |

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| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | KSQNKEL ES NLLIIRKQ N DELQLANKLKDEFLATT S SHELRTPLHGMI G IAEALISGAN G PI S AAHKYQLDII I SSGQRLA | 560 |
| NTDB id 374 SMU RS06885 WP 002262930.1 | KSQNKEL ES NLLIIRKQ N DELQLANKLKDEFLATT S SHELRTPLHGMI G IAEALISGAN G PI S AAHKYQLDII I SSGQRLA | 0 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1044435 ACEN8S RS04220 WP 166700483.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | 0 |

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| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | TLVDDLLDYHKMRYGALDIQRC AV DLSSATRLVLEL S HLLGK K TLRIINQVSEQP V WVSADPQRLEQVLYNLI G NAIKY | 640 |
| NTDB id 374 SMU RS06885 WP 002262930.1 | TLVDDLLDYHKMRYGALDIQRC AV DLSSATRLVLEL S HLLGK K TLRIINQVSEQP V WVSADPQRLEQVLYNLI G NAIKY | 0 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1044435 ACEN8S RS04220 WP 166700483.1 | ..... | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | ..... | 0 |
| consensus | ..... | 0 |

logo

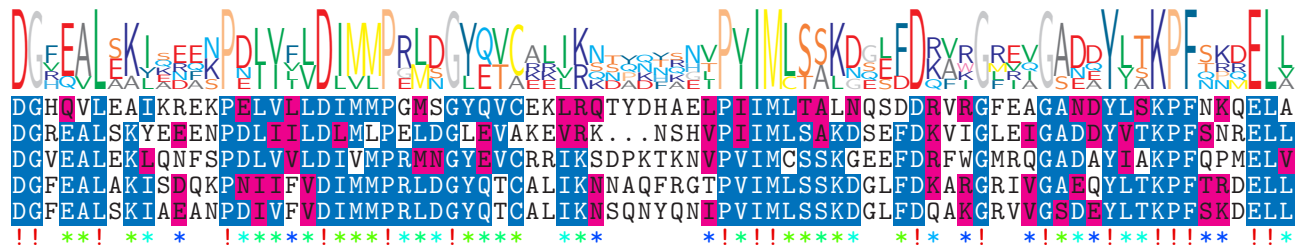
| | | |
|---|--|-----|
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | TSE G KIVISATYIDDKVRVQV V DTGQGIPAEQLEHIFEPLIQAGHDASRYRQ G AGLGLSISRQLIELMHGTLVSSQPMV | 720 |
| NTDB id 374 SMU RS06885 WP 002262930.1 | TSE G KIVISATYIDDKVRVQV V DTGQGIPAEQLEHIFEPLIQAGHDASRYRQ G AGLGLSISRQLIELMHGTLVSSQPMV | 0 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 | ..... | 0 |
| NTDB id 1044435 ACEN8S RS04220 WP 166700483.1 | | 0 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 | | 0 |
| consensus | | 0 |

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|---|---|-----|
| NTDB id 1143 A1552VC RS01965 WP 001883436.1 | GTTFSFTLPLASEEEIIA Q ARLTELPHFQAPEVLDSELPEQSNLPENEHG P LLVADDEPVNLRVLD S FLRLEGYRVHTAQ | 800 |
| NTDB id 374 SMU RS06885 WP 002262930.1 |MKKILIVDDEKPI S DI I KFNLAKEGYDTITAF | 32 |
| NTDB id 1417 SGL RS04200 WP 014407071.1 |MNAVLLVEDSSSQREMISGILKDHGWQVTIAC | 32 |
| NTDB id 1044435 ACEN8S RS04220 WP 166700483.1 |MVIDDSKTIRRTAETLLKKEGCDVLTAV | 28 |
| NTDB id 1047 HON27 RS03110 WP 000389061.1 |MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAV | 38 |
| consensus |*****!*****!*****!*****!*****! | |

logo

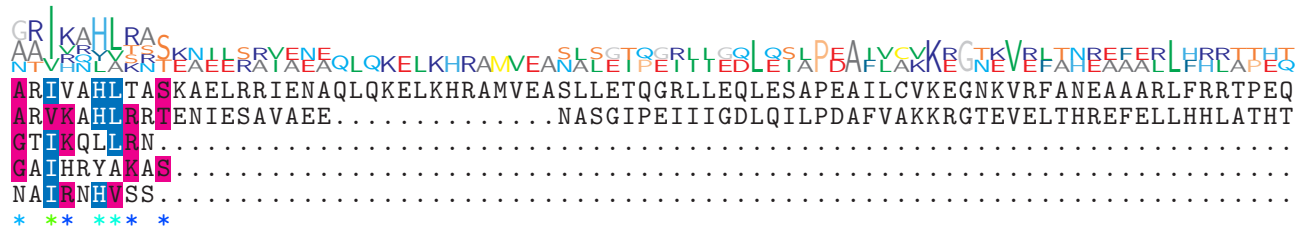
NTDB id 1143 A1552VC RS01965 WP 001883436.1
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1044435 ACEN8S RS04220 WP 166700483.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



880
109
112
108
118

logo

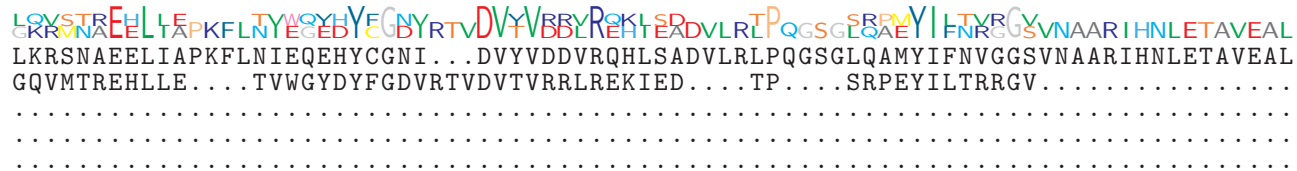
NTDB id 1143 A1552VC RS01965 WP 001883436.1
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1044435 ACEN8S RS04220 WP 166700483.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



960
175
121
118
127

logo

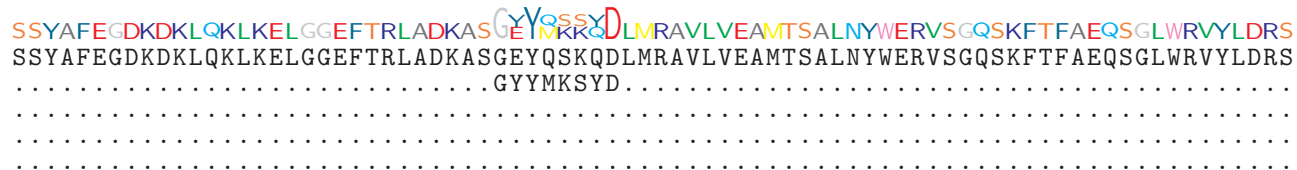
NTDB id 1143 A1552VC RS01965 WP 001883436.1
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1044435 ACEN8S RS04220 WP 166700483.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



1037
227
121
118
127

logo

NTDB id 1143 A1552VC RS01965 WP 001883436.1
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1044435 ACEN8S RS04220 WP 166700483.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



1117
235
121
118
127

logo

NTDB id 1143 A1552VC RS01965 WP 001883436.1
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1044435 ACEN8S RS04220 WP 166700483.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus



1177
235
121
118
127

 non conserved
 similar
 $\geq 50\%$ conserved