

logo

NTDB id 48060 NMBH4476 RS07830 WP 002225423.1
NTDB id 1132 OK783 RS01905 WP 010951035.1
consensus

MSASIRAFDPLTAPISGNTLIEASAGTGKTYGIAALFTRLIVLEQKNVERVLVFTKAATAELKTRLRLDDVLQVLE
MSASIRAFDPLTAPISGNTLIEASAGTGKTYGIAALFTRLIVLEQKSVERVLVFTKAATAELKTRLRLDDVLQVLE

80
80

logo

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consensus

SKGI¹AK²LGDDT³LS⁴DG⁵IAY⁶CA⁷EH⁸EG⁹DT¹⁰FL¹¹P¹²E¹³LL¹⁴K¹⁵QAL¹⁶QKE¹⁷SR¹⁸TRL¹⁹IV²⁰RL²¹KAA²²IG²³QFD²⁴NAA²⁵IY²⁶TI²⁷HG²⁸FC²⁹QR³⁰IL³¹RD³²YAF³³LC³⁴
 SKGI¹AK²LGDDT³LS⁴DG⁵IAY⁶CA⁷EH⁸EG⁹DT¹⁰FL¹¹P¹²E¹³LL¹⁴K¹⁵QAL¹⁶QKE¹⁷SR¹⁸TRL¹⁹IV²⁰RL²¹KAA²²IG²³QFD²⁴NAA²⁵IY²⁶TI²⁷HG²⁸FC²⁹QR³⁰IL³¹RD³²YAF³³LC³⁴
 SK¹E²IA³EL⁴GDDT⁵LS⁶DG⁷IAY⁸CA⁹EH¹⁰EG¹¹DT¹²FL¹³P¹⁴ALL¹⁵E¹⁶QAL¹⁷QKE¹⁸SR¹⁹TRL²⁰IV²¹RL²²KAA²³IG²⁴QFD²⁵NAA²⁶IY²⁷TI²⁸HG²⁹FC³⁰QR³¹IL³²RD³³YAF³⁴LC³⁵

160
160

logo

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consensus

QAPFDVEMTEEDGDRLLYPAQDFWRERVSNDPVLAAALAFKRAKAVPQTVLAQISR_{RA}YLSR_{RA}PYLNFRRPQADLKQAQR_{DA}NAETS

QAPFDVEMTEEDGDRLLYPAQDFWRERVSNDPVLAAALAFKRAKAVPQTVLAQISR_{RA}YLSR_{RA}PYLNFRRPQADLKQAQR_{DA}NAETS

QAPFDVEMTEEDGDRLLYPAQDFWRERVSGDPVLAAALAFKRAKAVPQTVLAQISR_{RA}YLSR_{RA}PYLNFRRPQADLKQAQR_{DA}NAETS

240
240

logo

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320
320

logo

NTDB id 48060 NMBH4476 RS07830 WP 002225423.1
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consensus

VFAELQKLADFGRLNAL~~EEAEE~~ATMIRLQLDLIEYLN~~RS~~SLAEMKKSRRRERGFD~~DD~~LLLDVHTALT~~DN~~PHA~~ET~~PARAVAEN
VFAELQKLADFGRLNAL~~EEAEE~~ATMIRLQLDLIEYLN~~RS~~SLAEMKKSRRRERGFD~~DD~~LLLDVHTALT~~DN~~PHA~~DT~~LARA~~VAEN~~
VFAELQKLADFGRLNAL~~EEAEE~~ATMIRLQLDLIEYLN~~S~~SLAEMKKSRRRERGFD~~DD~~LLLDVHTALT~~DN~~PHA~~ET~~PARAVAEN

400
400

logo

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consensus

480
480

logo

NTDB id 48060 NMBH4476 RS07830 WP 002225423.1
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consensus

ALFRLKERPFVLENI¹GYSEVGAA²RAESRLSP³_ERP⁴AVQ⁵_LR⁶WLHENDNEKANKDVLRRRAADYCADEI⁷A⁸HALNEA⁹SR¹⁰GRLN¹¹F
 ALFRLKERPFVLENI¹GYSEVGAA²RAESRLSP³_ERP⁴AVQ⁵_LR⁶WLHENDNEKANKDVLRRRAADYCADEI⁷A⁸HALNEA⁹AR¹⁰GRLN¹¹F
 ALFRLKERPFVLENI¹GYSEVGAA²RAESRLSP³_KRP⁴AVQ⁵_LR⁶WLHENDNEKANKDVLRRRAADYCADEI⁷A⁸HALNEA⁹SG¹⁰GRLN¹¹F
 * *

560
560

logo

NTDB id 48060 NMBH4476 RS07830 WP 002225423.1
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consensus



640
640

logo

NTDB id 48060 NMBH4476 RS07830 WP 002225423.1
NTDB id 1132 OK783 RS01905 WP 010951035.1
consensus



720
720

logo

NTDB id 48060 NMBH4476 RS07830 WP 002225423.1
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consensus



800
800

logo

NTDB id 48060 NMBH4476 RS07830 WP 002225423.1
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consensus



880
880

logo

NTDB id 48060 NMBH4476 RS07830 WP 002225423.1
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consensus



960
960

logo

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consensus



1040
1040

logo

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consensus



1120
1120

logo

NTDB id 48060 NMBH4476 RS07830 WP 002225423.1
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consensus



1200
1196

logo

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consensus



1204
1200

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved