

logo

NTDB id 319220 D9C10 RS03900 WP 121548790.1
NTDB id 120 BSU 10620 NP 388943.2
consensus



80
80

logo

NTDB id 319220 D9C10 RS03900 WP 121548790.1
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consensus



160
160

logo

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240
240

logo

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320
320

logo

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400
400

logo

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480
480

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560
560

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S L D L F Q Q M I E A G A E S L T F S L I P P A L D Q V F V G N M D L S R M Y G T S C T F V L G A N D G V L P A R P D E N G V L S D D D R E W L K T I G V E L S

640
640

NTDB id 319220 D9C10 RS03900 WP 121548790.1
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consensus

SGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMVVKNS
SGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMVVKNS
SGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMVVKNS

720
720

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VAQSFTASQLRLWTREYDISDVWSTYNVLMS^{EQ}_{AP}DRLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRMETFNA
 VAQSFTASQLRLWTREYDISDVWSTYNVLMS^{AP}DRLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRMETFNA
 VAQSFTASQLRLWTREYDISDVWSTYNVLMS^E_{AP}DRLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRMETFNA
 *

800
800

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CPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSKLISDRLREQKLDWRDLTKEQCELSYDAVERLAPKLQKEILLSSN
CPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSKLISDRLREQKLDWRDLTKEQCELSYDAVERLAPKLQKEILLSSN
CPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSKLISDRLREQKLDWRDLTKEQCELSYDAVERLAPKLQKEILLSSN

880
880

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RHYVYVEKLQKIVTRVSGILSEHAKASGFVPIGLELFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSKGLLRIV
RHYVYVEKLQKIVTRVSGILSEHAKASGFVPIGLELFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSKGLLRIV
RHYVYVEKLQKIVTRVSGILSEHAKASGFVPIGLELFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSKGLLRIV

960
960

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DYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMRA TPAGVLYFHIHDPMIQSNLPLGLDEIEQEIFKKFKMKGL
 DYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMRA TPAGVLYFHIHDPMIQSNLPLGLDEIEQEIFKKFKMKGL
 DYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMRA TPAGVLYFHIHDPMIQSNLPLGLDEIEQEIFKKFKMKGL

040
040

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LLGDQEWRLMDTTLQEGRSNIINAGLKKDGLSRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSI EPYMKNKTP
LLGDQEVVRLMDTTLQEGRSNIINAGLKKDGLSRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSI EPYMKNKTP
LLGDQEVVRLMDTTLQEGRSNIINAGLKKDGLSRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSI EPYMKNKTP

120
120

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consensus



1166
1166

X	non conserved
X	similar
X	≥ 50% conserved