

logo

NTDB id 161684 ASZ82 RS10495 WP 001911421.1
NTDB id 1151 GTF74 RS04205 WP 001911421.1
consensus



80
80

logo

NTDB id 161684 ASZ82 RS10495 WP 001911421.1
NTDB id 1151 GTF74 RS04205 WP 001911421.1
consensus



160
160

logo

NTDB id 161684 ASZ82 RS10495 WP 001911421.1
NTDB id 1151 GTF74 RS04205 WP 001911421.1
consensus



240
240

logo

NTDB id 161684 ASZ82 RS10495 WP 001911421.1
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consensus



320
320

logo

NTDB id 161684 ASZ82 RS10495 WP 001911421.1
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consensus



400
400

logo

NTDB id 161684 ASZ82 RS10495 WP 001911421.1
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consensus



480
480

logo

NTDB id 161684 ASZ82 RS10495 WP 001911421.1
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consensus



560
560

logo

NTDB id 161684 ASZ82 RS10495 WP 001911421.1
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consensus

GISYYRNQELTKHFGAPYGLISNEFLSASCAVGEEQDNSSLIGSQFGVVKTNTEELAVSNLPNIQVTFSSQVSVNHTTKL
GISYYRNQELTKHFGAPYGLISNEFLSASCAVGEEQDNSSLIGSQFGVVKTNTEELAVSNLPNIQVTFSSQVSVNHTTKL
!!

640
640

logo

NTDB id 161684 ASZ82 RS10495 WP 001911421.1
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consensus

LGYRMSEPLKIAYGDSISFQFGALPSSRSQSLEYKLNDEQQWQRFDWALLNFDQLLPCKYRLKVRSANPTQRYRTEALFD
LGYRMSEPLKIAYGDSISFQFGALPSSRSQSLEYKLNDEQQWQRFDWALLNFDQLLPCKYRLKVRSANPTQRYRTEALFD
LGYRMSEPLKIAYGDSISFQFGALPSSRSQSLEYKLNDEQQWQRFDWALLNFDQLLPCKYRLKVRSANPTQRYRTEALFD
!!

720
720

logo

NTDB id 161684 ASZ82 RS10495 WP 001911421.1
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consensus

FEVLQPMYMTSIALVGYVLSVLGLLALALWWRTRMILAANRKLKAQVELKTSQRLRHQSKIVLSNNHQLRKQLQLHHTILG
FEVLQPMYMTSIALVGYVLSVLGLLALALWWRTRMILAANRKLKAQVELKTSQRLRHQSKIVLSNNHQLRKQLQLHHTILG
FEVLQPMYMTSIALVGYVLSVLGLLALALWWRTRMILAANRKLKAQVELKTSQRLRHQSKIVLSNNHQLRKQLQLHHTILG
!!

800
800

logo

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NVLNIDASLRHLSSYAKVRAWSEFEAPFNKVKQELAQLFHMRGDEDESKYHDLHLLIESALKSWQEEYSKALIKLTYS
NVLNIDASLRHLSSYAKVRAWSEFEAPFNKVKQELAQLFHMRGDEDESKYHDLHLLIESALKSWQEEYSKALIKLTYS
NVLNIDASLRHLSSYAKVRAWSEFEAPFNKVKQELAQLFHMRGDEDESKYHDLHLLIESALKSWQEEYSKALIKLTYS
!!

880
880

logo

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GEPRFVEVRQFNLDVLFNAVLTDIAKRLYKHQELTIQLEVRNAQAVIVFSDFGAPIQNIIDKTMVTLGSSSYPLEELVIRS
GEPRFVEVRQFNLDVLFNAVLTDIAKRLYKHQELTIQLEVRNAQAVIVFSDFGAPIQNIIDKTMVTLGSSSYPLEELVIRS
GEPRFVEVRQFNLDVLFNAVLTDIAKRLYKHQELTIQLEVRNAQAVIVFSDFGAPIQNIIDKTMVTLGSSSYPLEELVIRS
!!

960
960

logo

NTDB id 161684 ASZ82 RS10495 WP 001911421.1
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consensus

GGVLHVLALKERNVIELAWPLATLPELETIHKPEEGEQAAKVGIDEVEKEWLSKVEKLIELHYSDPNFTTSTAAQALYVS
GGVLHVLALKERNVIELAWPLATLPELETIHKPEEGEQAAKVGIDEVEKEWLSKVEKLIELHYSDPNFTTSTAAQALYVS
GGVLHVLALKERNVIELAWPLATLPELETIHKPEEGEQAAKVGIDEVEKEWLSKVEKLIELHYSDPNFTTSTAAQALYVS
!!

1040
1040

logo

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consensus

ERSLQRRFKAATGKTFKESLNEVRLEKACQSLLSGAKIAQVAFDCGFNDPSYFSQRFKHHFGLSPSQFIEDQEN
ERSLQRRFKAATGKTFKESLNEVRLEKACQSLLSGAKIAQVAFDCGFNDPSYFSQRFKHHFGLSPSQFIEDQEN
ERSLQRRFKAATGKTFKESLNEVRLEKACQSLLSGAKIAQVAFDCGFNDPSYFSQRFKHHFGLSPSQFIEDQEN
!!

1114
1114

 non conserved
 similar
 $\geq 50\%$ conserved