

logo

NTDB id 157839 AOY38 RS10720 WP 060492346.1  
NTDB id 1419 SGL RS12550 WP 010873252.1  
consensus

MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEGETVIQGEFGSPSSGEEDPPVRMTLDFNSPE  
MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEGETVIQGEFGSPSSGEEDPPVRMTLDFNSPE  
MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEGETVIQGEFGSPSSGEEDPPVRMTLDFNSPE  
!!

80  
80

logo

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consensus

AELDALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDLLGVGDVEPAITNPGI  
AELDALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDLLGVGDVEPAITNPGI  
AELDALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDLLGVGDVEPAITNPGI  
!!

160  
160

logo

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consensus

HSFAGADRVTPLTNEVLLFAAIDDLGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFEKDL  
HSFAGADRVTPLTNEVLLFAAIDDLGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFEKDL  
HSFAGADRVTPLTNEVLLFAAIDDLGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFEKDL  
!!

240  
240

logo

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consensus

LLEQADSSLGGGIAGMGGARLPARPRQVKRSRFEQTMRVPIKQLDNLSNLI GELVVKRNRL EQDQERLRQFLDNLLNQAQ  
LLEQADSSLGGGIAGMGGARLPARPRQVKRSRFEQTMRVPIKQLDNLSNLI GELVVKRNRL EQDQERLRQFLDNLLNQAQ  
LLEQADSSLGGGIAGMGGARLPARPRQVKRSRFEQTMRVPIKQLDNLSNLI GELVVKRNRL EQDQERLRQFLDNLLNQAQ  
!!

320  
320

logo

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consensus

NLSDVGGRMQDLYERTLLEGALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMDRFTGFHLLSQEMI ELIV  
NLSDVGGRMQDLYERTLLEGALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMDRFTGFHLLSQEMI ELIV  
NLSDVGGRMQDLYERTLLEGALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMDRFTGFHLLSQEMI ELIV  
!!

400  
400

logo

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consensus

RVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMPFTQTADR L PRAIREVSMKLNKKVNLEVEGGDVLIDKMIL  
RVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMPFTQTADR L PRAIREVSMKLNKKVNLEVEGGDVLIDKMIL  
RVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMPFTQTADR L PRAIREVSMKLNKKVNLEVEGGDVLIDKMIL  
!!

448  
480

logo

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consensus

EHLNPMTHLVNNAITHGIETPAERQKLGKSPEGLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS  
EHLNPMTHLVNNAITHGIETPAERQKLGKSPEGLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS  
EHLNPMTHLVNNAITHGIETPAERQKLGKSPEGLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS  
!!

448  
560



 non conserved  
 similar  
  $\geq 50\%$  conserved