

(C)

```

      10      20      30      40      50      60      70      80
      |      |      |      |      |      |      |      |
LmajorCPB  VDWR--EKGAVTPVKNQGACGSCWAFSAVGNIESQWAVAGHKLVRLEQQLVSCDHVDNGCGGGLMLQAFEWVLRNMNGT
LinfantumCPB VDWR--EKGAVTPVKNQGACGSCWAFSAVGNIESQWARAGHGLVSLSEQQLVSCDDKDNCGNGGLMLQAFEWLLRHMYGI
LbraziliensisCPB VDWR--EKGAVTPVKDQGMCGSCWAFSAIGNIESQWYLATHSLISLSEQELVSCDDVDEGCNGLMLQAFDWLLNRRNGA
LtarentolaeCPB MRWTGATVGAVTPVKDQGACGSSWAFSAVGNIESQWFLAGHPLVNLSEQQLVSCDDVDSGCSGGLMSQAFEWLLNNTNGN
      : *      * * * * * : * * * * * : * * * * * : * * * * * : * * * * * : * * * * * : * * * * * : *
      |      |      |      |      |      |      |      |
      90     100     110     120     130     140     150     160
      |      |      |      |      |      |      |      |
LmajorCPB  VFTEKSYPYVSGNGDVPECSNSSELPAGRIDGYVSMESSEKRVMAAWLAKNGPISIAVDASSFMSYHSGVLTSCIGEQLN
LinfantumCPB VFTEKSYPYVSGNGDVAECLNSKLVPGAQIDGYVMIPSNETVMAAWLAENGP IAIAVDASSFMSYQSGVLTSCAGDALN
LbraziliensisCPB VYTGVSYYPYVSGNGSVPECSSESDLVIGAYIDGHVTIESNETMAAWLAANGP IAIAVDASAFMSYTGGLVLTSCDQKQLN
LtarentolaeCPB VYTEDSYPYLSANGYAPPECSNSDELAVGAQIDGHVVIENEDMAAWLAKNGP IAIAVDATAFMSYEGGLVLTACNGEQLN
      * : * * * * * : * * * * * : * * * * * : * * * * * : * * * * * : * * * * * : * * * * * : *
      |      |      |      |      |      |      |      |
      170     180     190     200     210
      |      |      |      |      |
LmajorCPB  HGVLLVGYNMTGEVVPYVWIKNSWGEDWGEKGYVRVTMGVNACLLTGYPVSVHVSQSPT
LinfantumCPB HGVLLVGYNKTGGVPYVWIKNSWGEDWGEKGYVRVVMGLNACLLSEYPVSAHVPRSLT
LbraziliensisCPB HGVLLVGYNMTGEVVPYVWIKNSWGNWGEKGYVRVRKGTNECLIQEYVPSAQTSGSTT
LtarentolaeCPB HGVLLVA YNTTGE LPYVWIKNSW GSAWGEA YVRVAKGTNECLLNEY P A P R M -----
      * * * * * : * * * * * : * * * * * : * * * * * : * * * * * : * * * * * : * * * * * : * * * * * : *

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