

Alignment: /Users/sjkim/Dropbox/NPC/POM152/Modelling/Alignments/MUSCLE_new.txt
 Seaview [blocks=10 fontsize=10 LETTER] on Sun Oct 25 23:01:34 2015

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1
375-482 -VPYCPIAS- ITGTGSNDRC IGDSD-NVSF E-----IQ GVPPMKLAYS KIVNG-----QTFSY
516-611 -VPRAALEER- FDPKSPTKRS IAIVF-EEIK N-----WI SDIPYVISLS YTDAQD-----KSKKI
611-716 -MPVAPTME- VKSFPILDQC VGOVGLNFEL S-----FT GAPPYYNTK IYKLENGE-----RKLYDA
821-928 -IPSAAFNF- FEPIKEAKIK HGSVT-EIPL K-----LS GEGPFTVKFK HMDYDGNL-----VKEFEN
929-1032 -HHITKVTE- -NLFSKEEVC QGMEG-TVDL A-----LF GSPPFILEYD LMAPNG-----HISTKK
1033-1145 PIPDVAFAD- --GGKTLRAC AANVD-QISF LEPINLKFLQ GESPFSTIFS VYHESTR-----TDQYTI
1146-1237 -APKIHILD- ----PSTEYC VGD--YVAY Q-----LN GVAPFMKYE F-----NGIPL
1238-1337 PIPSVTVSQ- -GNYVTEDIR EGDQA-EVIF S-----FE GTPPFSLTYV RTEETDGK--HGKRRSQVV
717-820 -MRVKPSAS- LKLHHDLLKC LGDHS-SVPV A-----LK GQGPFLLTYD IIETFSSK--RKTFEI

71
375-482 VDSSLQPEYF ESPLQSSK-- ---SKQSFTQ GELNDLKWGR NQPVNINLDS SITQDGKFAY KID
516-611 MNVTTDSLTK VLQADLP--- ---GSYNLEY IESKFCP-GE IVGKSNVLVT M-----
611-716 KRYTSEGTRN RFSYSPPKE- ---GNYEIVF DTVSNKLFTE PIKLEPVKEY TFKTS-----
821-928 KFQNSYKPAL KVSKE----- ---GLYQLVD IRDSSCQ-GN VIYRNSLYKV SFLEKPKFAI QDN
929-1032 IQVATKYASL KLPNQIP--- ---GEYITTI KAIFDGNIGE SDIHFREHQS ELIIKQTVH---
1033-1145 DNIDSENFSE EKLYEGMKL- ---GNHAITI DSVVDANGCV NSLISGPRNQ ILVSITD---
1146-1237 KSKERSSQFV RLASEP----- ---GIISITS LQDSSSQ-CI VDFTNPKLKS EFDDLNLNIH---
1238-1337 ETHKVTDIYS HEYKVITSLQ ---GTYEAEI ITDAY---CF AKNDLFFNN-----
717-820 KEIKTNEYVI KTPVFTTG-- ---GDYILSL VSIKDSTGCV VGLSQPDAKI QVRRD-----
  
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