# Figure S2

```
PbRab5b  MGCGSSTQRPQTTKNINVLTSSGGQQK------EDKKVKVVLLGDSGVGKSSIALYLCHGRFSDSHQVTIGAAFLHHTIHLKN-GETMKLHIWDTGGQERFRAMAPLYYRDA 105
PfRab5b  MGCSSSTERLTSTKNINIVTSPAQQQKK---NAQDTKVKIVLLGDSGVGKSSIALYLCHGRFSEKHQVTIGAAFLHHNIELKN-GATMKLHIWDTGGQERFRSMAPLYYRDA 108
TgRab5b  MGCTASSTASAGGESQLRMTNAGGSLDDGFSERLNLEAKIVLLGDSGVGKSSLALRFCRGRFPQYHEVTIGAAFLQQTIRVGDDGSQLKLYIWDTGGQERFRAMAPLYYRDA 112
         ***  :*:         :.    :*... .      : :.*:**.********:** :*:***.: *:********:.*.: : *  :**:********:***:********

PbRab5b  YGAIVVYDSNNVDSFNSLKYWINEIKSSGPRNCCIMVVANKKD-LPQKINSE-----------------MVMKFCKEQHVSFIECSAKTGENIKTLFERLASHIYSRFZ-- 196
PfRab5b  YGAVVVYDSNNVESFDSLKYWINEIKSNGPRNCCIMVVANKKD-LPQKLNSE-----------------MVMKFCEQENVSFIECSAKTGENITTLFEKLASRIYSRFKEV 201
TgRab5b  AGAVVVYDVTNPASMDAVRFWVEELKQRGPANCCIAVAANKSDSMENSENAEPPPEEGTAGVDVEAERRAEMKKYCAAEGMLFVECSAKTGCNVGLLFEQLAKEVFEQLKQS 224
          **:**** .*  *:::::::*::*:*. ** **** *.*.**.*.* : :. *:*              : *:*  : : *:*******  *:  ***:**..::..::

PbRab5b  ------- 196
PfRab5b  LYYNNPZ 208
TgRab5b  MMEL--- 228
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