```
                          : *.    : ...:************:**.**:*****: .*********
P19137_Mouse      RGSGTGAALLVLLASVLWVTVRSQQRGLFPAILNLATNAHISANATCGEKGPEMFCKLVE    60
P25391_Human      RGG-------VLLVLLLCVAAQCRQRGLFPAILNLASNAHISTNATCGEKGPEMFCKLVE    53
Q2TJF6_Zebrafish  MEMRMKMLWLLALVFSSVICVEAQQRGLFPAILNLASNAEISTNATCGDPDPEMFCKLVE    60
                  1.......10........20........30........40........50........60

                  ***** :*:.***:**.** **:*:***::****** *******:***::****:*****
P19137_Mouse      HVPGRPVRHAQCRVCDGNSTNPRERHPISHAIDGTNNWWQSPSIQNGREYHWVTVTLDLR   120
P25391_Human      HVPGRPVRNPQCRICDGNSANPRERHPISHAIDGTNNWWQSPSIQNGREYHWVTITLDLR   113
Q2TJF6_Zebrafish  HVPGRRIRNPQCRICDANSQNPKEQHPITNAIDGTNLWWQSPSIKNGRQFHWVTVTLDLR   120
                  ........70........80........90.......100.......110.......120

                  *******:******:***********:**..*.***:**:**:***:**:**** *****
P19137_Mouse      QVFQVAYIIIKAANAPRPGNWILERSVDGVKFKPWQYYAVSDTECLTRYKITPRRGPPTY   180
P25391_Human      QVFQVAYVIIKAANAPRPGNWILERSLDGTTFSPWQYYAVSDSECLSRYNITPRRGPPTY   173
Q2TJF6_Zebrafish  QVFQVAYIIIKAANSPRPGNWILERSLDGVNFQPWQFYAISDTECLTRYNITPRIGPPTY   180
                  .......130.......140.......150.......160.......170.......180

                  : *:*********:********************** :*:********:***********
P19137_Mouse      RADNEVICTSYYSKLVPLEHGEIHTSLINGRPSADDPSPQLLEFTSARYIRLRLQRIRTL   240
P25391_Human      RADDEVICTSYYSRLVPLEHGEIHTSLINGRPSADDLSPKLLEFTSARYIRLRLQRIRTL   233
Q2TJF6_Zebrafish  KRDDEVICTSYYSRLVPLEHGEIHTSLINGRPSADDLTPELLEFTSARFIRLRLQRIRTL   240
                  .......190.......200.......210.......220.......230.......240

                  ********:*: :::********************
P19137_Mouse      NADLMTLSHRDLRDLDPIVTRRYYYSIKDISVGGM   275
P25391_Human      NADLMTLSHREPKELDPIVTRRYYYSIKDISVGGM   268
Q2TJF6_Zebrafish  NADLMTLSYRDPKDVDPIVTRRYYYSIKDISVGGM   275
                  .......250.......260.......270.....
```

Supplementary Fig. 1.

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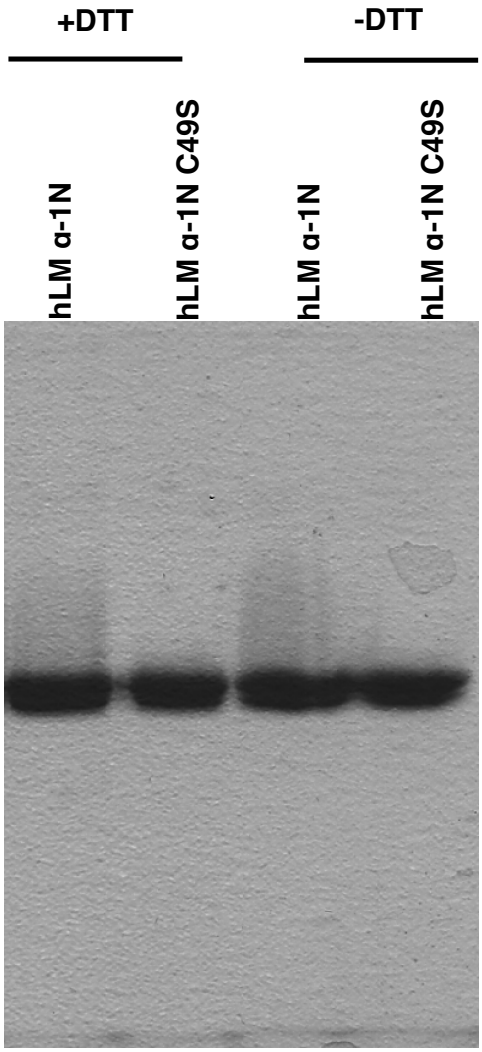

Supplementary Fig. 2. **Patel et al.**