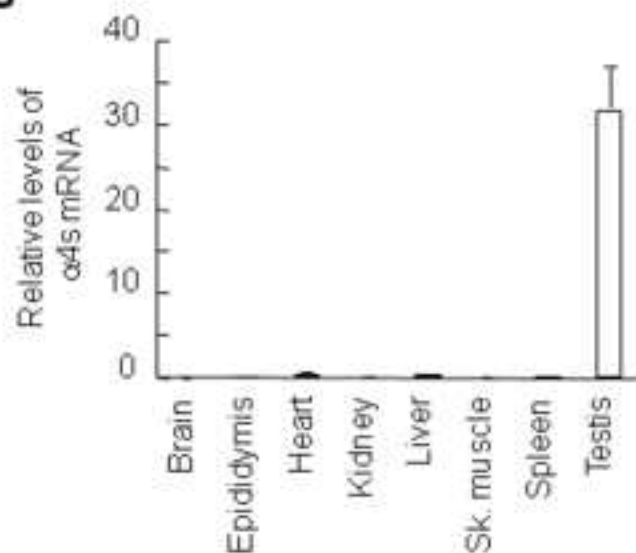
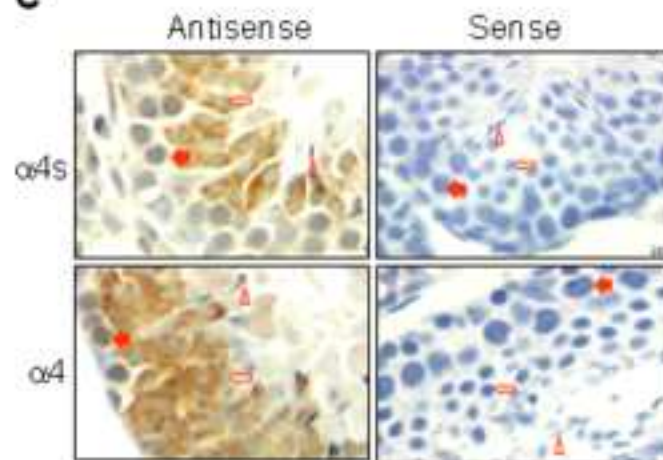


A

α 4s 1 MASRYDRAITVFSPDGHLPQVEYAQEAVKKGSTAVGIRGTNIVVLGVEKKSVAKLQDERTYRKICALDDHVCMAFAVLTIFIGLTADARY
 α 4 1 MS--YDRAITVFSPDGHLPQVEYAQEAVKKGSTAVGVVGRDIYVLGVEKKSVAKLQDERTYRKICALDDNVCMFAFA-----GLTADARI
 *; *****; ** ; *****; *****

 α 4s VINRARVEQCQSHKLTVEDPVTVEYI TRFIATLKQKYTQSNRRPFGISALIVGFDGDISRLYQDTPSGTYHAWKANAIGRSAKTVREFL
 α 4 VINRARVEQCQSHRLTVEDPVTVEYI TRYIASLKQRYTQSNRRPFGISALIVGFDFDGTFRLYQDTPSGTYHAWKANAI GRGAKSVREFL
 *****; *****; **; **; ***** ** , *****; **; *****

 α 4s EKNYTDAIASDSEAIKLAIKALLEVVQSGGKNIELAIIRRNQPLKMFSAKVELYVTEIEKEKEEAEEKKSKKKS 256
 α 4 EKNYTDEAIETDDLTIKLVIKALLEVVQSGGKNIELAVMRRDQSLKILNPEEIEKYVVAEIEKEKEENEKSKKQKAS 246
 *****; ** ;* , **; *****; **; *; ..; *; * **; ***** **; **;

B

C

D
