

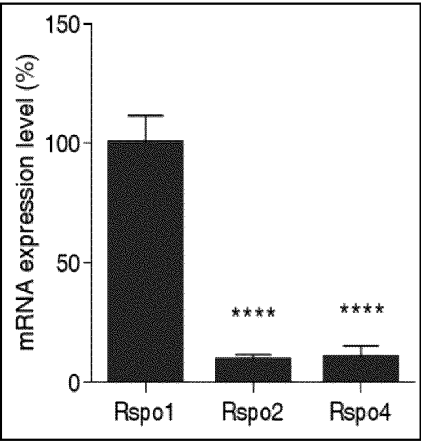


Figure 1

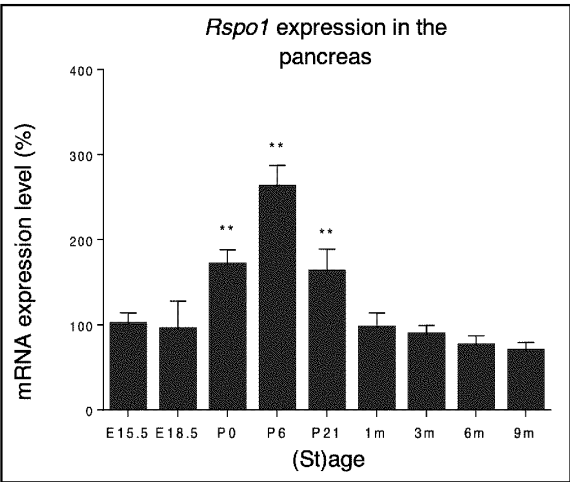


Figure 2

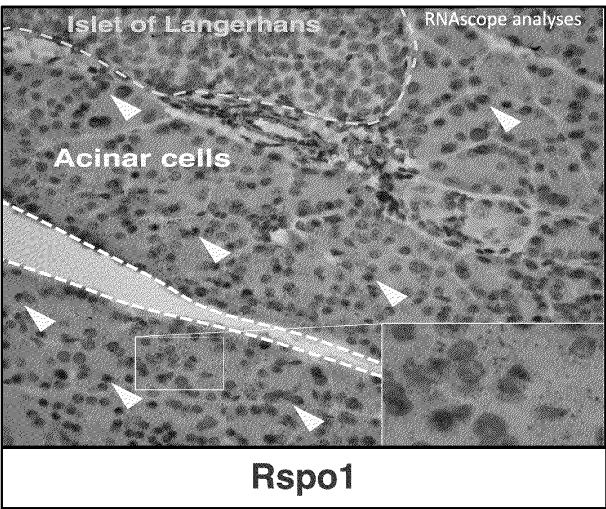


Figure 3

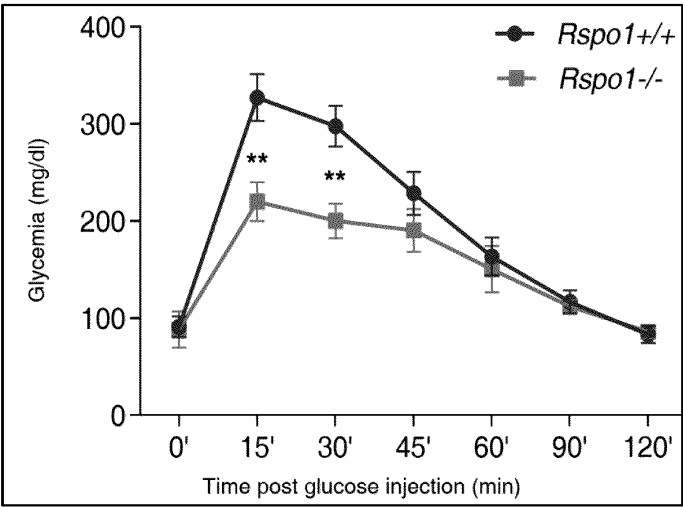


Figure 4

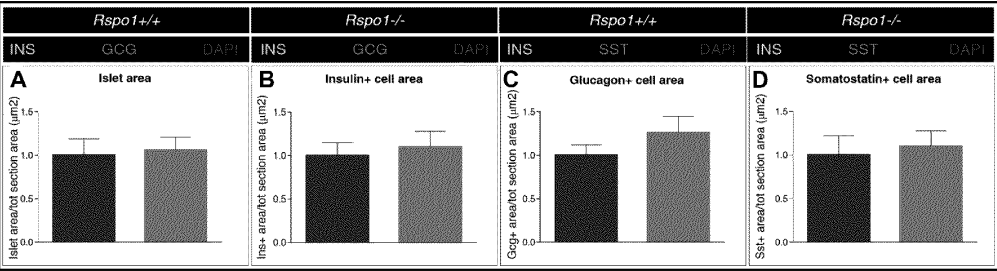


Figure 5

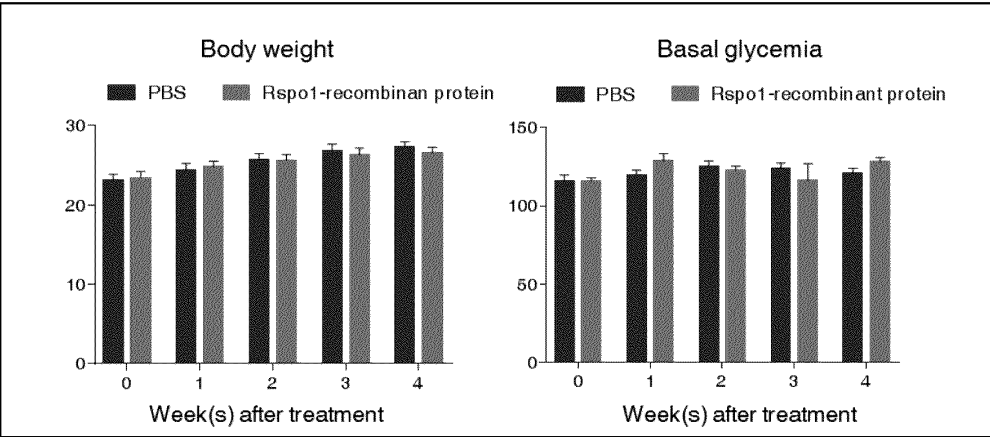


Figure 6

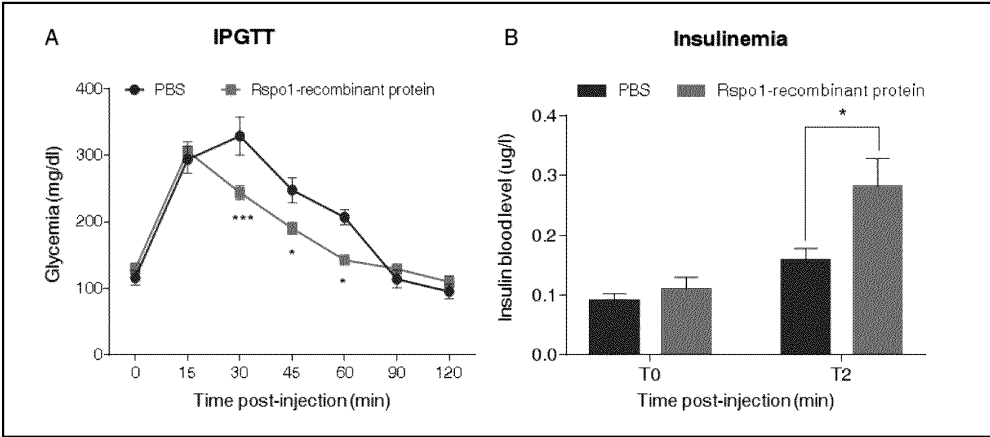


Figure 7

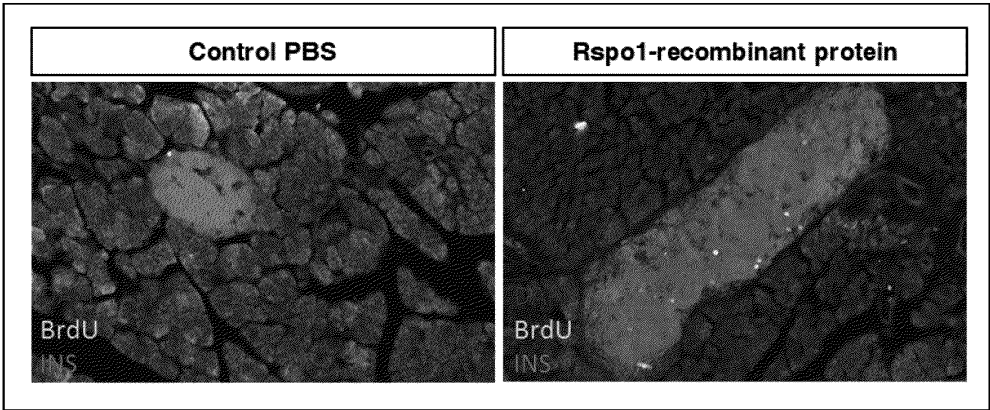


Figure 8

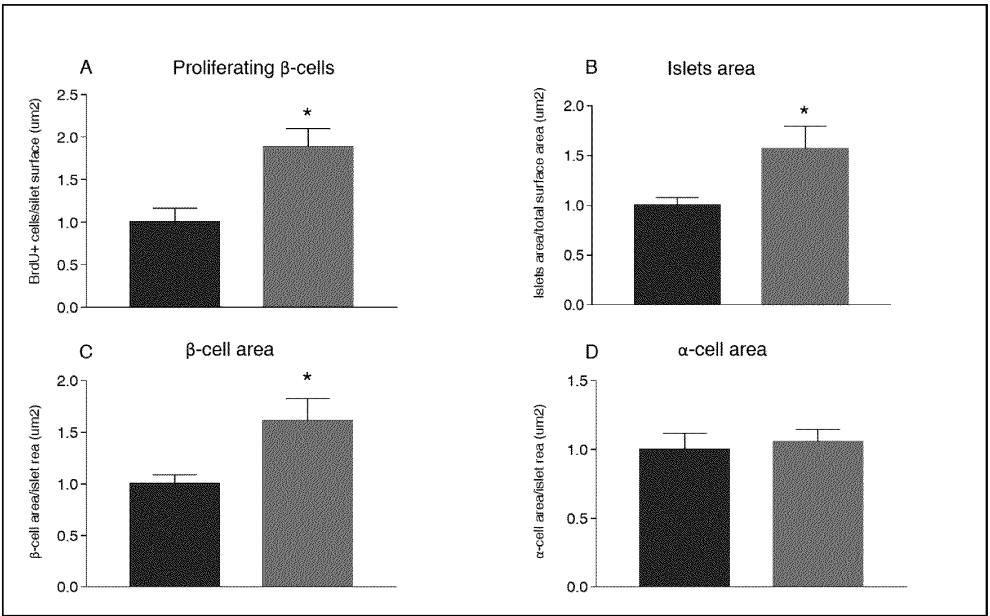


Figure 9

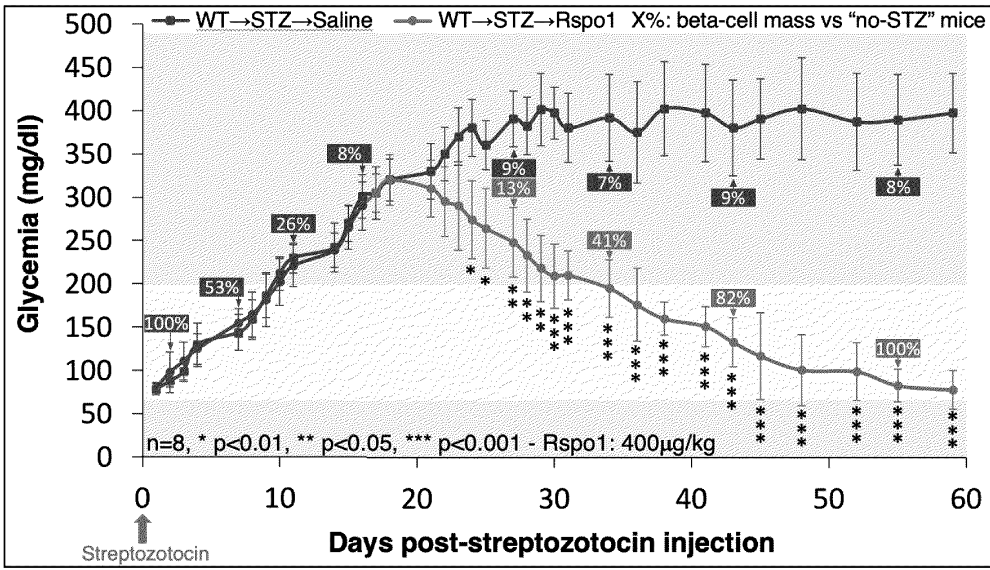


Figure 10

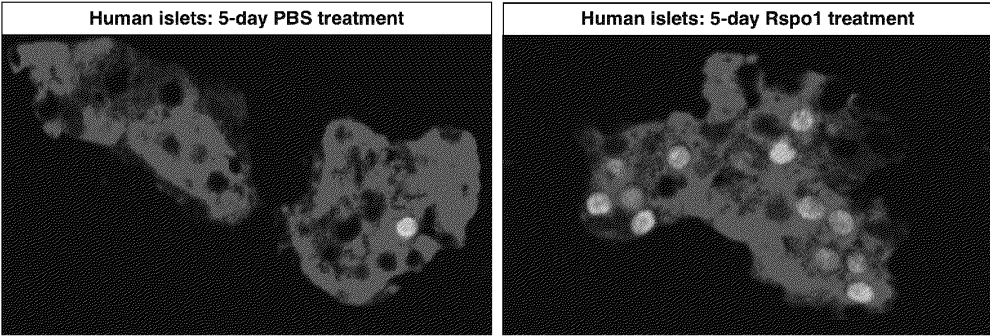


Figure 11

Alignements obtained online using Clustal Omega using the defaults settings
 (<https://www.ebi.ac.uk/Tools/msa/clustalo/>)

```

Rspolhuman      MRLGLCVVALVLSWTHLTISSRGIGKQRRI SAEGSQACAKGCELCSEVNGCLKCSPKL 60
Rspolmouse      MRLGLCVVALVLSWTHIAVGSRGIGKQRRI SAEGSQACAKGCELCSEVNGCLKCSPKL 60
                  *****:;.*****

Rspolhuman      FILLERNDIRQVGVCPLSCPFGYFDARNPDMNKICKIEHCEACFSHNFCTKCKEGLYL 120
Rspolmouse      FILLERNDIRQVGVCPLSCPFGYFDARNPDMNKICKIEHCEACFSHNFCTKCKEGLYL 120
                  *****:*****

Rspolhuman      HKGRCYPACPEGSSAANGTMECSSPAQCEMSEWSPWGPCSKKQQLCGFRGSEERTRRVL 180
Rspolmouse      HKGRCYPACPEGSTAANSTMECGSPAQCEMSEWSPWGPCSKKRKLCGFRKGSEERTRRVL 180
                  *****:***.***.*****:*****:*****

Rspolhuman      HAPVGDHAACSDTKETRRC TVRRVPCPEGQKRRKGGQGRRENANRNLARKESKEAGAGSR 240
Rspolmouse      HAPGGDHTTCSDDTKETRKT VRRTPCPEGQKRRKGGQGRRENANRHPARKNSKEPGSNSR 240
                  *** ***:*****:*****.*****: ***:*** *:**

Rspolhuman      RRKGQQQQQQGTVGPLTSAGPA--- 263
Rspolmouse      RHKGQQQ-PQPGTTGPLTSVGPTWAQ 265
                  *:***** * **.******.**:

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Figure 12

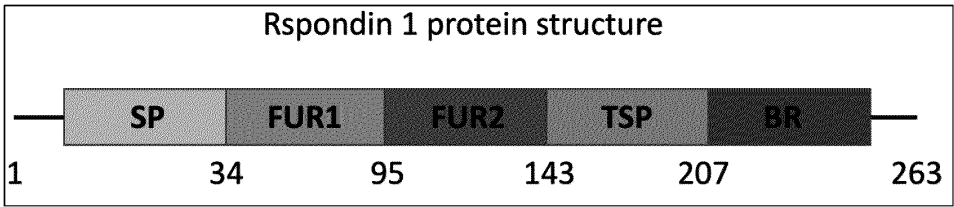


Figure 13

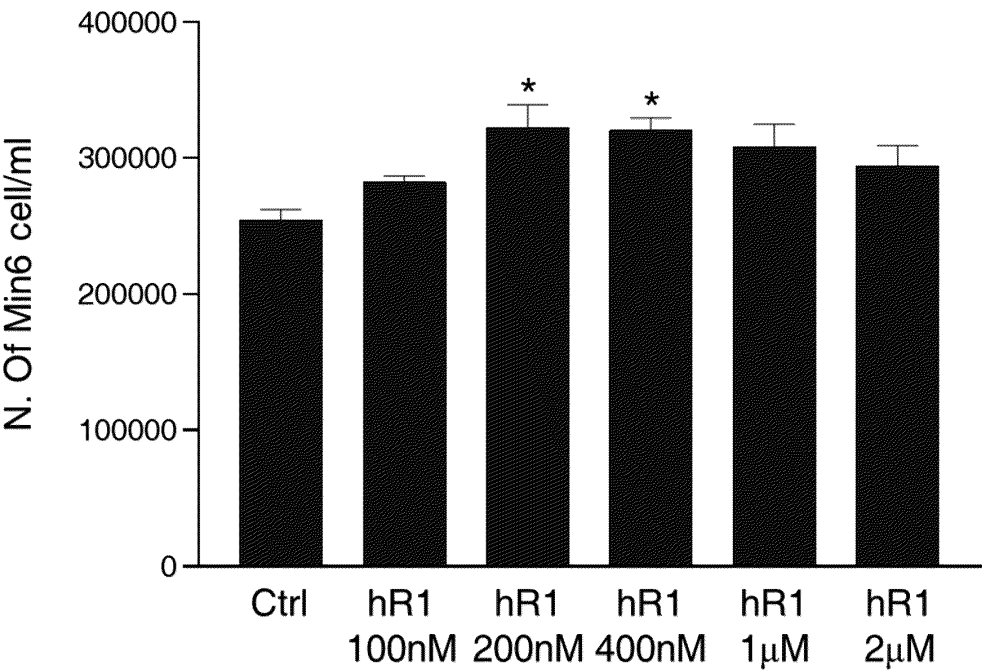


Figure 14

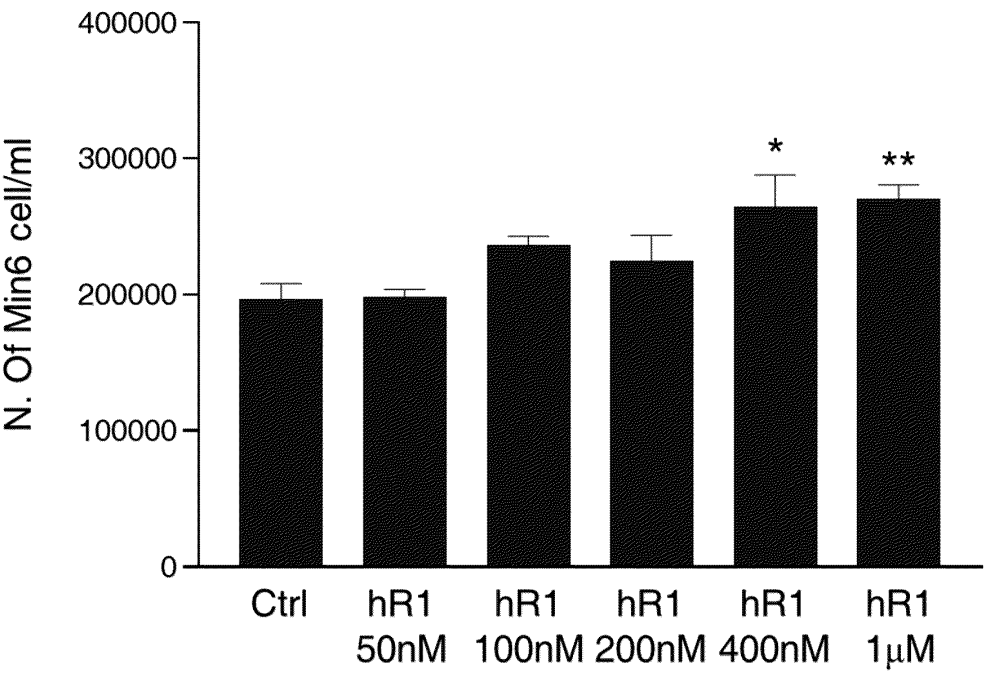


Figure 15

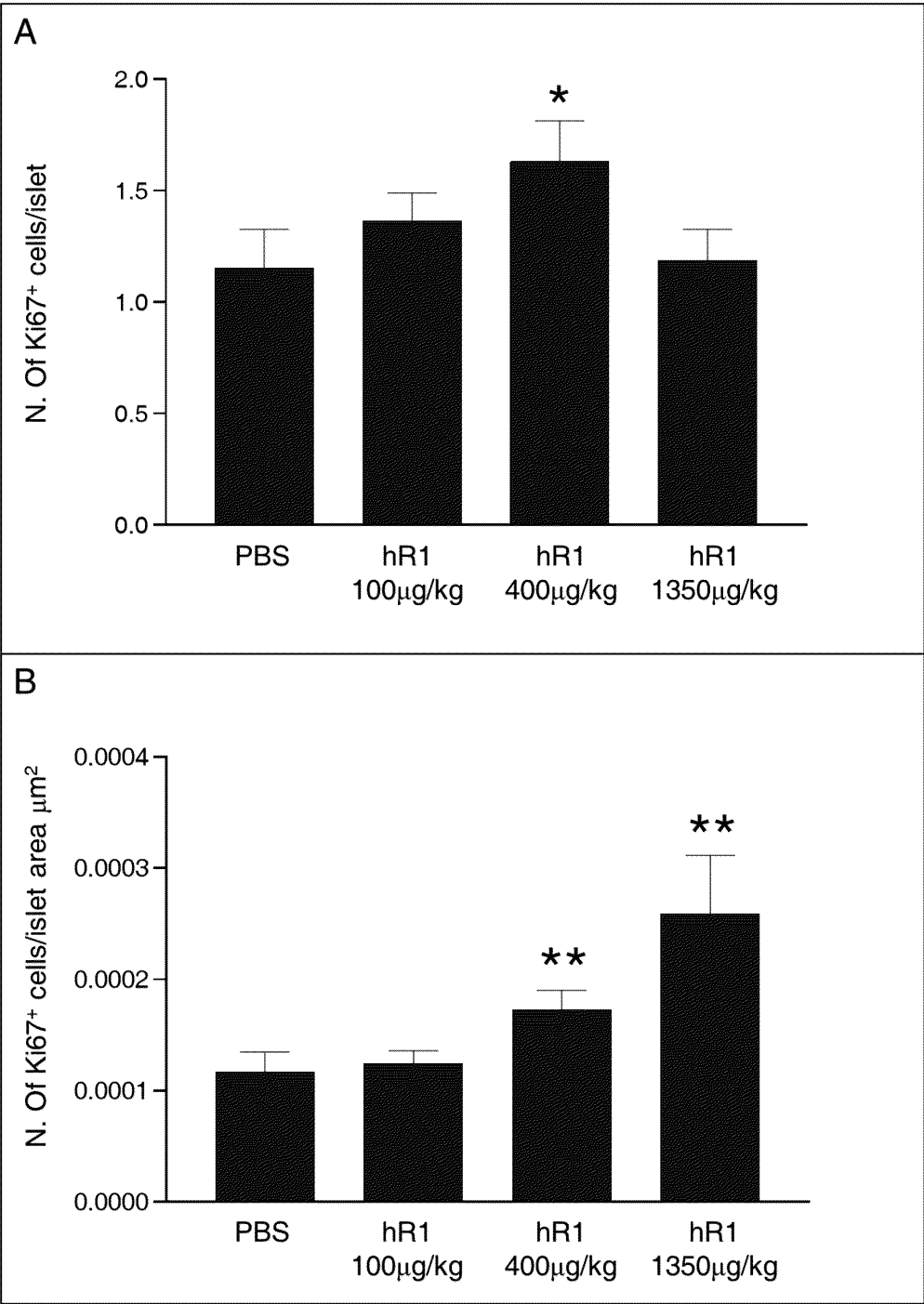


Figure 16

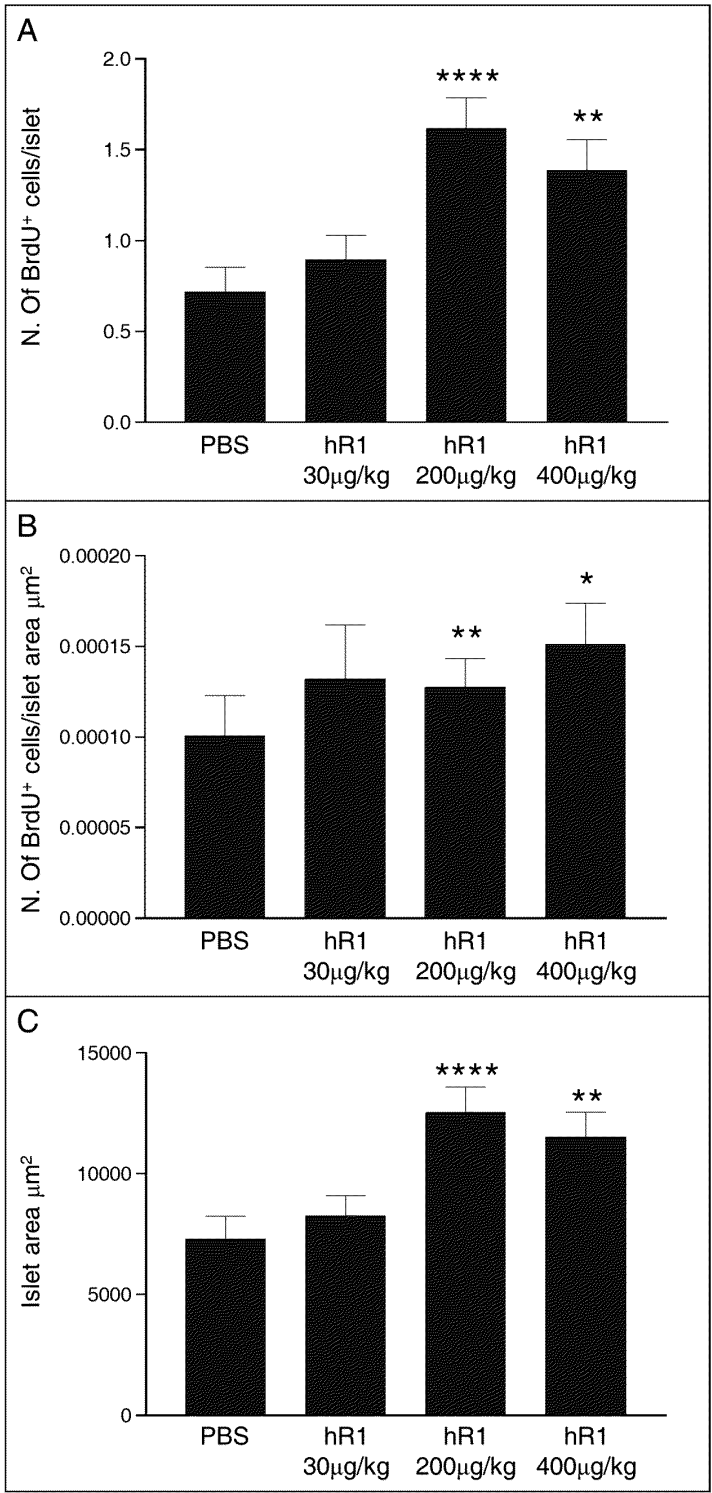


Figure 17