Western blots for phospho-eIF2α and total eIF2α. Each lane represents islet lysates from one animal. As a positive control, cultured INS-1 cells were treated or not with thapsigargin (Tg) for 6h. As can be seen, there is no difference in the levels of total eIF2α in the different treatment groups. SAL: NaCl; HG: high glucose; HG+TPO: high glucose + tempol.