

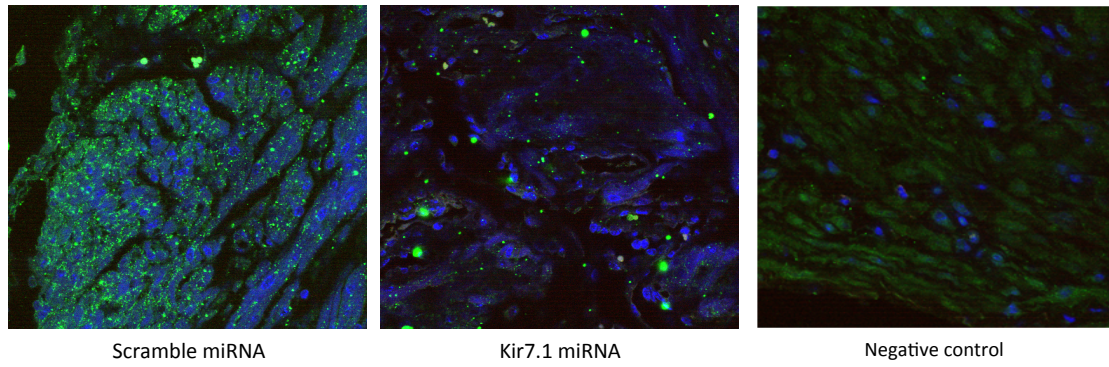


Figure S3. Immunofluorescence performed on GD15 transfected uteri using Kir7.1 antibody (green) to label the Kir7.1 channel to confirm protein knockdown *in vivo* while blue marks nuclear staining (n=4). Negative control was as scramble miRNA but without primary antibody to Kir7.1. Uterus was transduced at P10 for both scramble and Kir7.1 miRNA (60x).