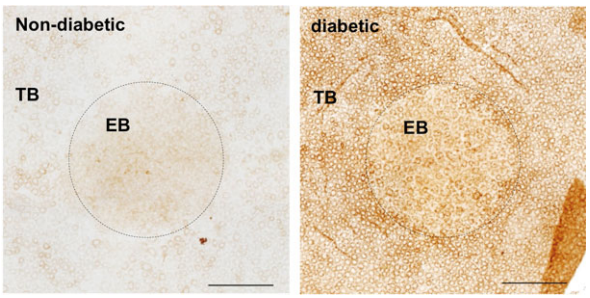
**Human Reproduction, 2017**
doi:10.1093/humrep/dex087

human reproduction

# SUPPLEMENTARY DATA




**Supplementary Figure S1** Immunohistochemical detection of carnitine palmityl transferase I in blastocysts from diabetic rabbits. Carnitine palmityl transferase I (CPT1) protein was detected by immunohistochemistry and visualized by peroxidase-diaminobenzidine reaction (brown colour, scale bar = 50 µm). Preparation and immunhistochemical protocol were as described (Schindler *et al.*, 2013). Antibody for CPT1 (#sc-393070, Santa Cruz, Germany) was diluted 1:100 in 3% (wt/vol) bovine serum albumin/PBS. All steps were performed within the same experiment, examined microscopically during the same session, using identical microscope and camera settings (BZ8100, Keyence, Germany). In blastocysts from healthy controls (non-diabetic), CPT1 was localized in the cytosol of embryoblast (EB) and trophoblast (TB) cells. In blastocysts from diabetic rabbits (diabetic), the EB and TB cells showed a more intense staining for CPT1, especially in the trophoblast.