



Figure S1. Immunolocalization of ANXA1 in placenta sections from WT (A and C) and AnxA1^{-/-} (B and D) animals. (A-C) Placental cells reactive to ANXA1 are found in both junctional and labyrinthine placental zones with a similar pattern of immunoreactivity. (B and D) No AnxA1 reactive placental cells were observed in AnxA1^{-/-} group, confirming the ANXA1 knockout model. (A-D) Immunoperoxidase and hematoxylin counterstaining; Bars = 50 μ m; n=3/group.

Table S1: Histological analysis of ND and GDM human placentas

| | ND (n=10) | GDM (n=10) |
|---------------------------------|-----------|------------|
| Fibrin deposition score | 1 | 4 |
| Syncytiotrophoblast knots score | 0 | 3 |

Semiquantitative scoring system for histological analysis of ND and GDM human placentas: Score 0: normal; 1: event occurring in less than 25% of the field; 2: 25 to 50% of the field; 3: 51% to 75% of the field and 4 more than 75% of the field. Adapted from Meyerholz & Beck (2018) [39].