S4 Fig. Effect of Del^TA on Ascl2 mRNA levels in differentiated TSCs and rescued placentae. (A) Trophoblast stem cell (TSC) lines of the given genotypes were differentiated for 2 days by FGF4 withdrawal and Ascl2 levels, normalized to Ppia levels, were measured by RT-qPCR. In paternal deletion mutants (+/Del^TA), total Ascl2 levels are increased by 1.6-fold over wild-type TSCs (*, p<0.05). Graphs show mean ± SD. The numbers of independent TSC lines of each genotype analysed (biological replicates) are given at the bottom (n=). (B) Relative levels of Ascl2 and Phlda2 in E13.5 wild-type and Ascl2lacZ/Del^TA rescued placentae, analysed as described in A. Three samples of each genotype were analysed and graphs show mean ± SD of biological triplicates (**, p=0.0003).