Suppl. Figure 12
Gene: Prl8a1 (Prlpc4)

A

E8.5

Dec

EPC

P-TGC

Dec

E14.5

SpA-TGC

C-TGC

P-TGC

SpA

GlyT

SpT

Decidua

B

Prl8a1

Prl8a1 (Prlpc4), also known as Prlpcδ, is expressed early in the EPC region in P-TGCs on the edge of the cone. Also, a subset of primary P-TGCs express Prl8a1. Expression of Prl8a1 in some P-TGCs persists throughout gestation. Prl8a1 expression begins within SpT cells as early as E10.5 and is maintained throughout pregnancy. It is important to note that Prl8a1 expression within the SpT cells is not uniform as for Prl8a9 or Prl8a8, but appears in a subset of SpT cells. Previous publications showing mouse Prl8a1 expression: (Wiemers et al., 2003).

Note: we did not see expression of Prl8a1 in GlyT (or migratory trophoblast) or as robust expression within SpT as shown in this paper. Discrepancies could be the result of differences in in situ hybridization technique/sensitivity or gestational age used (E19.5 in Wiemers paper).