**Figure 2-source data 1. The effect of deleting the remaining p110α from the trophoblast in Hom-P on feto-placental growth relative to WT and Het-P.** Hom-P \* *versus* WT or † *versus* Het-P. \*P < 0.05 and \*\*\*P < 0.001, †P < 0.05 and †††P < 0.001, unpaired t test. Conceptus weights are from n≥15, Lz and Jz volume from n≥6 and Lz morphology from n≥4 per genotype on day 19 of pregnancy. Data are presented as means ± SEM.

|  |  |  |  |
| --- | --- | --- | --- |
|  | WT | Het-P | Hom-P |
| Fetus (mg) | 1155±20 | 1152±25 | 994±22\*\*\*††† |
| Placenta (mg) | 93±3 | 101±5 | 89±3† |
| Labyrinthine zone (mm3) | 47±2 | 46±4 | 36±2\*\*\* |
| Junctional zone (mm3) | 33±5 | 34±9 | 30±2 |
| Maternal blood spaces (mm3) | 14±2 | 9±1 | 11±1† |
| Trophoblast (mm3) | 28±2 | 34±2 | 22±2††† |
| Fetal capillaries (mm3) | 5±1 | 3±1 | 4±1\*† |
| Barrier thickness (μm) | 3.5±0.1 | 3.7±0.1 | 3.9±0.1\* |
| Surface area (mm2) | 15±1 | 9±1 | 10±1\*\*\* |