**Figure 1-source data 1. Summary of the mouse strains and experimental crosses used in the study.** \* Note for *Cyp19*Cre mutants (Het-P and Hom-P) the frequency is actually ~half than stated, due to mosaic activity of this Cre line.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Paternal  genotype | Maternal  genotype | Conceptus genotypes  (for experiments) | Frequency\* | Used for |
| *Meox2*Cre (het) | *Pik3ca*Fl/Fl | *Pik3ca*Fl/+ = WT  *Meox2*Cre; *Pik3ca*Fl/+ = Het-F | 1:2 | Day 19 collection for fetal weight and placental transport phenotype |
| *Pik3ca* null (het); *Meox2*Cre (het) | *Pik3ca*Fl/Fl | *Pik3ca*Fl/+ = WT  *Meox2*Cre; *Pik3ca*Fl/+ = Het-F  *Pik3ca* null het and *Pik3ca*Fl/+ = Het-U  *Meox2*Cre; *Pik3ca*Fl/+ and *Pik3ca* null het = Hom-F | 1:4 | D10-13 collection for conceptus viability |
| *Pik3ca*Fl/Fl | *Pik3ca* null (het); *Cyp19*Cre (het) | *Pik3ca*Fl/+ = WT  *Cyp19*Cre; *Pik3ca*Fl/+ = Het-P  *Pik3ca* null het and *Pik3ca*Fl/+ = Het-U  *Cyp19*Cre; *Pik3ca*Fl/+ and *Pik3ca* null het = Hom-P | 1:4 | Day 19 collection for conceptus viability, fetal weight and placental transport phenotype |