**Supplementary Figure S1.** Fetal distribution map for angiogenesis (VEGF) analysis.

| GILT ID | L1 | L2 | L3 | L4 | L5 | L6 | L7 | L8 | R9 | R8 | R7 | R6 | R5 | R4 | R3 | R2 | R1 |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| G186    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G187    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G188    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G189    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G191    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G192    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G196    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G197    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G200    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G201    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G203    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G204    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G206    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G207    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G208    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G211    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G212    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G213    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G216    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G218    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G219    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| G221    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Individual cells represent the position of each fetus. Fetal location within the left (L) and right (R) uterine horns is specified along the header (L1-L8, R1-R9). Each row represents gilt identity listed in the left column. CON= control fetuses, UNIF= uninfected fetuses, HVL= High viral load fetuses, MEC= meconium fetuses.
**Supplementary Figure S2. Fetal distribution map for cell proliferation (Ki67) analysis.**

Individual cells represent the position of each fetus. Fetal location within the left (L) and right (R) uterine horns is specified along the header (L1-L8, R1-R9). Each row represents gilt identity listed in the left column. CON= control fetuses, UNIF= uninfected fetuses, HVL= High viral load fetuses, MEC= meconium fetuses.
Barrera-Zarate et al. Effect of porcine reproductive and respiratory syndrome virus 2 on angiogenesis and cell proliferation at the maternal-fetal interface.

Supplemental Table S1. Primary antibodies used for detection of angiogenesis (VEGF) and cell proliferation (Ki67)

| Target | Host species | Concentration | Dilution | Microscope channel | Exposure | Antigen Retrieval |
|--------|--------------|---------------|----------|--------------------|----------|------------------|
| VEGF   | rabbit       | 6.4 ug/ml     | 1:50     | Cy5                | 300 ms   | Tris-EDTA ph9.0  |
| Ki67   | mouse        | 0.46 ug/ml    | 1:100    | RFP                | 2 s      | Tris-EDTA ph9.0  |
| TJP1   | rat          | 2 ug/ml       | 1:200    | GFP                | 500 ms   | Tris-EDTA ph9.0  |

Legend: VEGF= vascular endothelial growth factor, TJP1= tight junction protein 1 (zonula occludens 1)

Supplemental Table S2. Secondary antibodies used for detection of angiogenesis (VEFG) and cell proliferation (Ki67)

| Target               | Concentration | Dilution | Microscope channel | Exposure |
|----------------------|---------------|----------|--------------------|----------|
| Donkey anti-rabbit-IgG| 5 ug/ml       | 1:200    | Cy5                | 300 ms   |
| Donkey anti-mouse-IgG| 5 ug/ml       | 1:200    | RFP                | 2 s      |
| Donkey anti-rat-IgG  | 5 ug/ml       | 1:200    | GFP                | 500 ms   |