



**Supplementary Fig 1.** Induction of endometriosis. Seven days after subcutaneous injection of 3  $\mu\text{g}/\text{mouse}$  estradiol benzoate, which stimulates the growth of the endometrium, (A) the uterus of the donor mouse was dissected and split longitudinally with a pair of scissors. Dashed lines represent the location of cuts to isolate uterine horns and remove the tissue that is not to be processed (the oviduct/ovary and the cervix and bladder-proximal parts of the uterus). (B) Uterine horns from each donor mouse were minced with scissors and scalpel one at the time, (C) ensuring that the maximal diameter of each fragment was consistently smaller than 1 mm. Sham mice received an intraperitoneal injection of 500  $\mu\text{L}$  of HBSS.