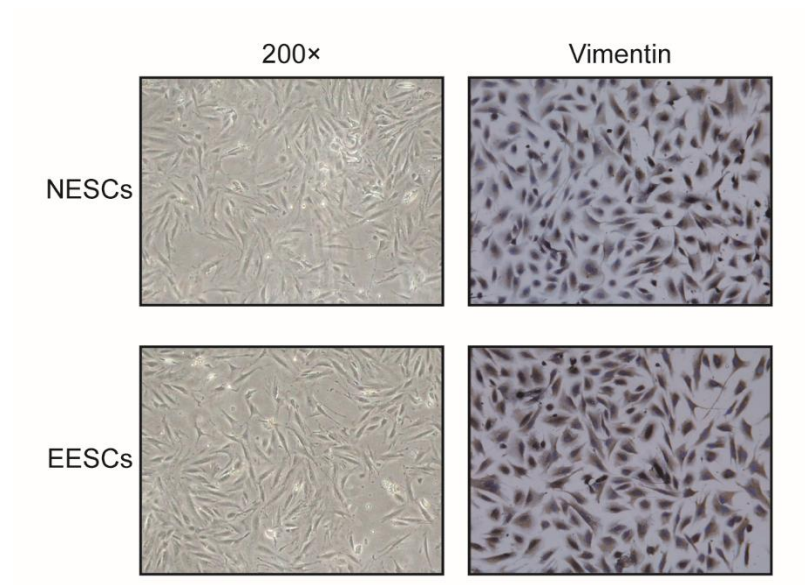


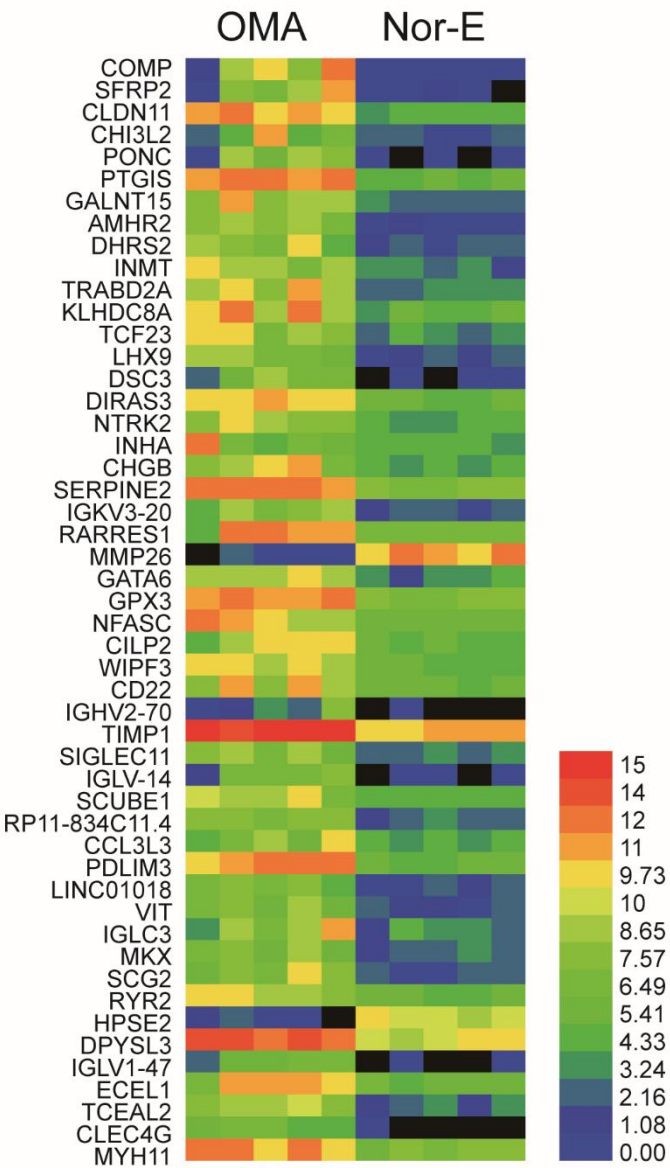
Supplementary Fig. 1



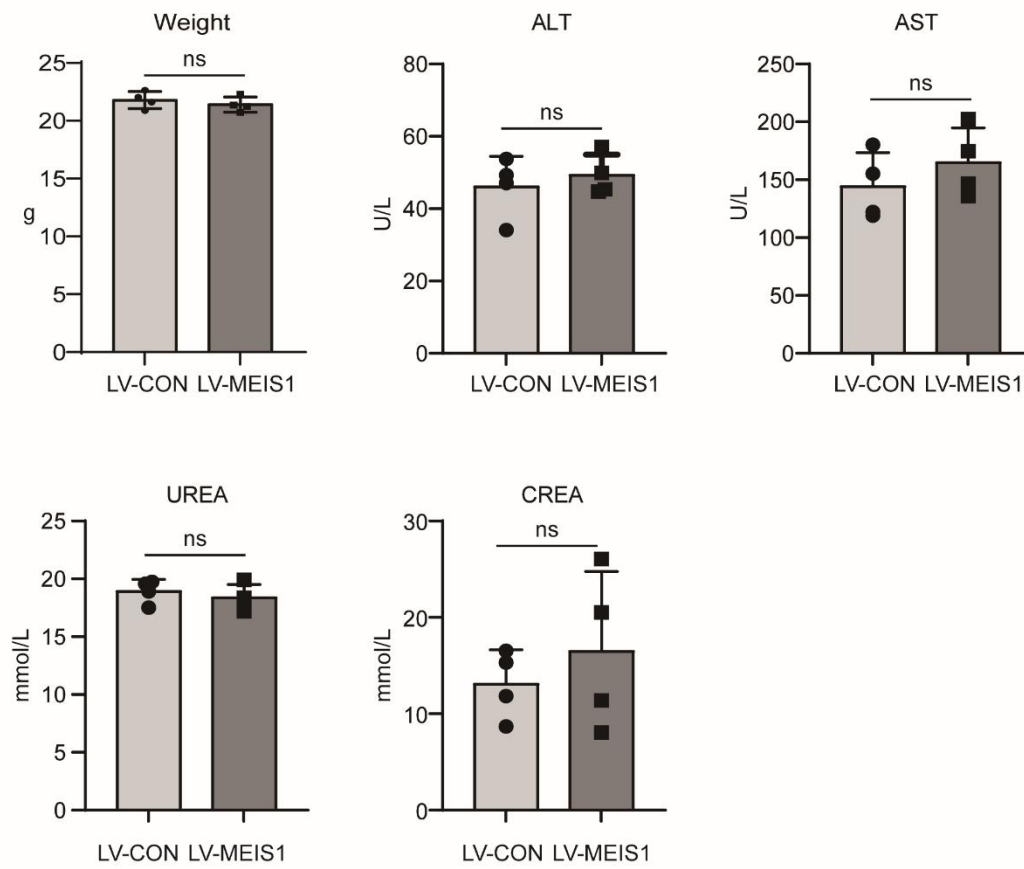
Supplementary Fig. 1: Normal endometrial stromal cells and eutopic endometrial stromal cells were identified by immunocytochemistry staining for Vimentin. Scale bars:

NESCs: Normal endometrial stromal cells, EESCs: eutopic endometrial stromal cells

Supplementary Fig. 2: Heat maps of RNA sequencing from 5 normal endometrium tissues and 5 ovarian endometrioma tissues. OMA: ovarian endometrioma, Nor-E: normal endometrium.



Supplementary Fig. 3



Supplementary Fig. 3: The weight and the levels of serum ALT (glutamic pyruvic transaminase), AST (glutamic oxalacetic transaminase), UREA and CREA (creatinine) in the two groups of animal study.