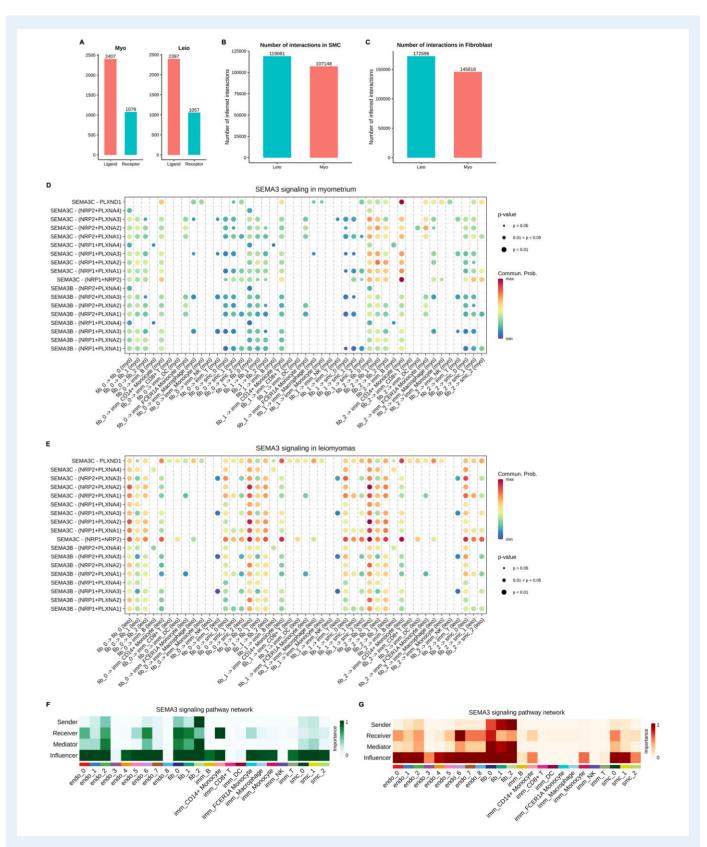
human reproduction

SUPPLEMENTARY DATA



Supplementary Figure S6. SEMA 3 pathway is upregulated in leiomyomas. (**A**) Differential expression of total ligands and receptors in leiomyomas compared to myometrium (P-value < 0.05). (**B**) Total number of smooth muscle cell (SMC) interactions in leiomyomas compared to myometrium. (**C**) The total number of fibroblast–cell interactions in leiomyomas compared to the myometrium. (**D**, **E**) Dot plot showing the key receptor–ligand pairs of the SEMA3 signaling pathway in the (D) myometrium and (E) leiomyomas. (**F**, **G**) Heatmaps show the relative importance of each cell group based on the computed four network centrality measures of ECM signaling network in (F) myometrium and (G) leiomyoma.