

**Supplementary Table S1** Correlations with Substance P nerve density.

Spearman's correlation	Nerve fibre density using SP antibody		
	Correlation coefficient	Significance (two-tailed)	N
Nerve fibre bundle density using PGP 9.5 antibody	0.59 <sup>a</sup>	0.04	12
Deep dyspareunia (0–10)	0.08	0.83	10
IL-1 $\beta$ Histoscore in endometriotic epithelium	0.08	0.82	11
IL-1 $\beta$ Histoscore in endometriotic stroma	−0.17	0.62	11
NGF Histoscore in endometriotic epithelium	0.33	0.43	8
NGF Histoscore in endometriotic stroma	0.37	0.37	8
IL-1RI Histoscore in endometriotic epithelium	0.41	0.21	11
IL-1RI Histoscore in endometriotic stroma	0.22	0.52	11

Spearman correlation significant at the 0.05 level<sup>a</sup>