

Table S2. Significantly altered cytokines in endometriosis and disease severity by univariate statistical analysis

All Phase	EM+ vs EM-		EM+ _{Mild} vs EM-		EM+ _{Sev} vs EM-		EM+ _{Sev} vs EM+ _{Mild}	
	Fold Change	P-value	Fold Change	P-value	Fold Change	P-value	Fold Change	P-value
IFN- α 2	0.95	0.03	0.95	0.03	0.97	0.29	1.02	0.54
IL-1 β	1.80	0.04	1.80	0.04	1.18	0.24	0.65	0.11
IL-3	0.89	0.04	0.89	0.04	0.93	0.46	1.04	0.56
IL-12p70	1.20	0.24	1.20	0.24	1.38	0.02	1.15	0.30
IL-16	0.96	0.01	0.96	0.01	0.98	0.38	1.02	0.26
IL-18	0.79	0.42	0.79	0.42	1.39	0.08	1.75	0.02
MCP-1	0.95	0.43	0.95	0.43	1.10	0.11	1.15	0.01
MCP-3	0.85	0.01	0.85	0.01	0.97	0.84	1.14	0.05
VEGF-A	1.00	0.13	1.00	0.13	1.10	0.05	1.10	0.72

Proliferative Phase	EM+ vs EM-		EM+ _{Mild} vs EM-		EM+ _{Sev} vs EM-		EM+ _{Sev} vs EM+ _{Mild}	
	Fold Change	P-value	Fold Change	P-value	Fold Change	P-value	Fold Change	P-value
CTACK	1.08	0.02	1.08	0.02	1.03	0.29	0.96	0.15
IFN- α 2	0.94	0.05	0.94	0.05	0.95	0.04	1.01	0.73
IL-12p70	1.77	0.01	1.77	0.01	2.11	0.00	1.19	0.36
IL-18	1.22	0.69	1.22	0.69	2.03	0.02	1.66	0.11
IP-10	1.04	0.19	1.04	0.19	1.07	0.02	1.03	0.41
MCP-1	0.97	0.74	0.97	0.74	1.16	0.04	1.20	0.02
MCP-3	0.79	0.02	0.79	0.02	1.01	0.89	1.27	0.01
MIP-1 α	0.78	0.16	0.78	0.16	0.69	0.03	0.88	0.60
VEGF-A	1.18	0.02	1.18	0.02	1.32	0.01	1.12	0.80

*No differences in cytokine levels in secretory phase