

Table S4. Significantly altered cytokines in endometriosis subphenotypes by univariate statistical analysis

All Phases	OE vs EM-		PE vs EM-		DIE vs EM-	
	Fold Change	P-value	Fold Change	P-value	Fold Change	P-value
IL-16	0.79	0.102	0.65	0.024	1.04	0.816
HGF	0.81	0.469	0.40	0.024	0.34	0.024
IFN-a2	0.87	0.070	0.81	0.032	0.84	0.102
MCP-3	0.94	0.725	0.60	0.042	0.86	0.540
IL-1a	1.01	0.869	0.90	0.082	1.26	0.003
VEGF	1.70	0.117	1.33	0.302	2.45	0.005
IL-12P70	1.54	0.150	1.12	0.717	1.75	0.032

Proliferative	OE vs EM-		PE vs EM-		DIE vs EM-	
	Fold Change	P-value	Fold Change	P-value	Fold Change	P-value
IL-16	0.72	0.080	0.62	0.045	0.92	0.744
IFN-a2	0.83	0.051	0.77	0.026	0.84	0.230
IL-1a	0.93	0.297	0.94	0.441	1.43	0.009
VEGF	3.57	0.024	2.33	0.016	2.14	0.041
IL-12P70	3.54	0.003	2.38	0.004	2.68	0.001
CTACK	1.16	0.297	1.41	0.027	1.20	0.363
TNF-a	3.39	0.010	1.07	0.867	0.51	0.277
IP-10	1.78	0.012	1.14	0.588	1.41	0.207
IL-15	1.59	0.040	1.44	0.131	1.16	0.591
IL-1ra	1.53	0.137	0.89	0.755	0.33	0.049

Secretory	OE vs EM-		PE vs EM-		DIE vs EM-	
	Fold Change	P-value	Fold Change	P-value	Fold Change	P-value
IFN-a2	0.84	0.389	0.84	0.299	0.83	0.047
VEGF	0.65	0.133	0.65	0.424	2.71	0.006
IL-12P70	0.59	0.173	0.59	0.342	1.43	0.029
IL-15	0.91	0.028	0.91	0.726	1.05	0.459
MCP-1	0.61	0.767	0.61	0.122	1.77	0.022