

Table S3. Significantly altered cytokines in endometriosis subphenotypes by univariate statistical analysis

All Phases	OE vs DIE		PE vs DIE		OE vs PE	
	Fold Change	P-value	Fold Change	P-value	Fold Change	P-value
IL-1 α	1.20	0.009	1.30	0.0007	1.09	0.098
IL-1 β	4.09	0.004	4.56	0.0143	1.12	0.698
IL-1RA	1.32	0.001	1.14	0.2754	0.86	0.079
IL-8	0.69	0.114	0.36	0.0091	0.47	0.014
IL-16	0.95	0.118	0.92	0.0192	0.97	0.397
MCP-1	1.03	0.687	0.82	0.0651	0.80	0.003
TNF- α	1.50	0.003	1.19	0.2321	0.79	0.060

Proliferative	OE vs DIE		PE vs DIE		OE vs PE	
	Fold Change	P-value	Fold Change	P-value	Fold Change	P-value
IL-1ra	0.66	0.003	0.74	0.061	1.13	0.306
IL-8	1.29	0.288	3.45	0.011	2.66	0.053
IL-10	0.58	0.030	0.80	0.175	1.39	0.069
MCP-1	0.94	0.452	1.22	0.175	1.30	0.022
TNF-a	0.51	0.004	0.73	0.169	1.42	0.042
IL-1a	0.71	0.002	0.72	0.010	1.01	0.844
IL-2Ra	1.06	0.369	1.20	0.039	1.13	0.093

Secretory	OE vs DIE		PE vs DIE		OE vs PE	
	Fold Change	P-value	Fold Change	P-value	Fold Change	P-value
IL-1b	-0.12	0.000	-0.09	0.017	0.69	0.271
IL-12P70	2.24	0.011	1.51	0.053	0.67	0.122
IL-13	0.59	0.105	1.00	0.996	1.68	0.030
IL-15	1.41	0.047	1.10	0.397	0.78	0.225
IP-10	1.05	0.403	0.94	0.243	0.89	0.047
MIP-1a	0.40	0.007	0.45	0.176	1.11	0.608
MIP-1b	1.84	0.003	1.25	0.321	0.68	0.039
VEGF	1.31	0.008	1.26	0.101	0.96	0.573

IL-1a	0.99	0.894	0.81	0.011	0.82	0.022
IL-2Ra	1.12	0.112	0.95	0.334	0.85	0.035
IL-12p40	0.92	0.119	0.87	0.043	0.94	0.283
IL-16	1.08	0.203	1.11	0.043	1.03	0.588
IL-18	1.87	0.107	3.23	0.015	1.72	0.466
MIF	1.08	0.207	0.93	0.307	0.86	0.018