

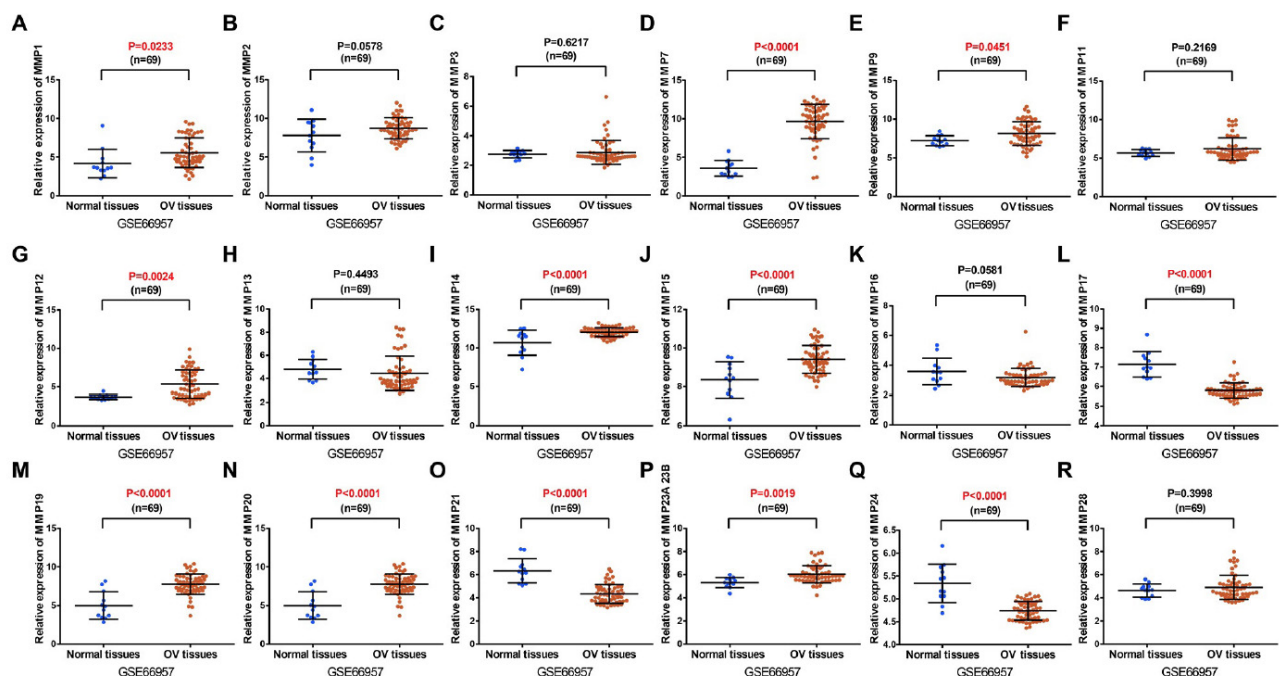


Supplementary Material

Identification of Therapeutic Targets and Prognostic Biomarkers Among Matrix Metalloproteinases in the Ovarian Cancer Microenvironment

Mao MeiYa, Sheng Yuehua, Ding Huiqing*, Zheng Xiaojiao and Du Yongming

Department of Gynaecology and Obstetrics, Ningbo First Hospital, 59 Liuting Street, Haishu District, Ningbo City, Zhejiang Province, China



Supplementary Fig. 1. Differences in transcription levels of MMPs in OC and normal samples via GSE66957 dataset

* Corresponding author: yutanggu67249@163.com
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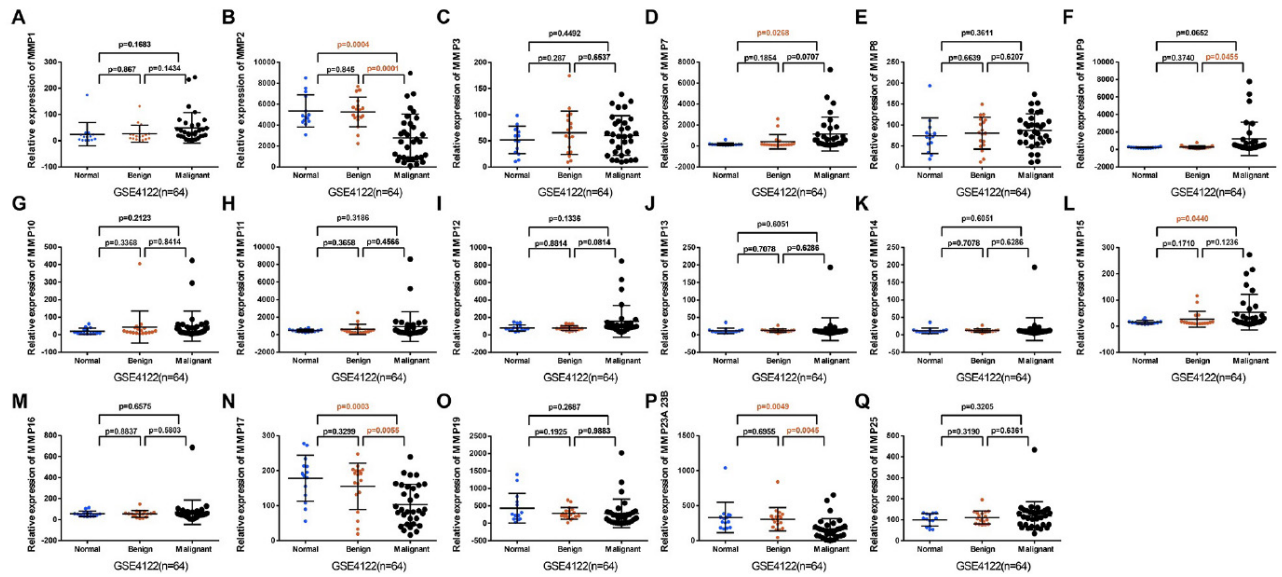
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Supplementary Table 1. The cox proportional hazard model of MMPs and six tumor-infiltrating immune cells in OV (TIMER).

	coef	HR	95%CI_l	95%CI_u	p-value	sig
B_cell	-2.798	0.061	0.000	98.212	0.458	
CD8_Tcell	-3.762	0.023	0.000	1.468	0.075	
CD4_Tcell	-15.339	0.000	0.000	0.000	0.000	***
Macrophage	8.874	7140.897	11.881	4291831.843	0.007	**
Neutrophil	7.674	2151.101	0.114	40483661.954	0.126	
Dendritic	-0.234	0.791	0.003	189.334	0.933	
MMP1	-0.049	0.952	0.807	1.123	0.562	
MMP2	0.011	1.011	0.828	1.235	0.914	
MMP3	-0.111	0.895	0.676	1.185	0.438	
MMP4(ILF3)	-0.126	0.882	0.648	1.200	0.423	
MMP7	0.017	1.017	0.951	1.088	0.618	
MMP8	0.004	1.004	0.660	1.527	0.984	
MMP9	-0.035	0.966	0.798	1.169	0.722	
MMP10	-0.094	0.910	0.825	1.003	0.058	
MMP11	-0.197	0.821	0.663	1.018	0.072	
MMP12	-0.017	0.984	0.858	1.127	0.811	
MMP13	0.119	1.127	0.965	1.316	0.132	
MMP14	0.230	1.258	0.969	1.633	0.084	
MMP15	-0.196	0.822	0.621	1.087	0.169	
MMP16	0.055	1.057	0.804	1.390	0.692	
MMP17	0.660	1.936	0.979	3.827	0.058	
MMP19	0.168	1.183	0.767	1.824	0.447	
MMP20	0.148	1.160	0.796	1.689	0.440	
MMP21	-0.083	0.920	0.503	1.682	0.786	
MMP23B	-0.159	0.853	0.583	1.247	0.411	
MMP24	-0.160	0.852	0.647	1.124	0.257	
MMP25	-0.761	0.467	0.228	0.956	0.037	*
MMP26	0.188	1.207	0.750	1.943	0.438	
MMP27	0.324	1.383	0.742	2.577	0.308	
MMP28	0.078	1.081	0.729	1.601	0.699	

*P < 0.05, **P < 0.01, ***P < 0.001.



Supplementary Fig. 2. Differences in transcription levels of MMPs in OC, benign and normal samples via GSE4122 dataset.