



Fig. S1 Expression levels of hub genes in metastatic colorectal cancer (CRC) patients in the GEO database. (A-E) The transcriptional levels of *SPPI*, *APOE*, *BGN*, *MMP3* and *CXCL5* in the liver and lung metastatic CRC in GSE68468. **(F-J)** The transcriptional levels of *SPPI*, *APOE*, *BGN*, *MMP3* and *CXCL5* in the liver and lung metastatic CRC in GSE41258. **(K-O)** The transcriptional levels of *SPPI*, *APOE*,

BGN, *MMP3* and *CXCL5* in the liver, lung, omentum or peritoneal metastatic CRC in GSE35144. The data in (A-O) were normally distributed, and Student's *t* test was used for results in (A-J), and one-way ANOVA with *post hoc* intergroup comparison was used for results in (K-O). A *P* value < 0.05 was considered significant.