Supplementary Material

Title: The expression and prognostic impact of immune cytolytic activity-related markers in human malignancies: A comprehensive meta-analysis

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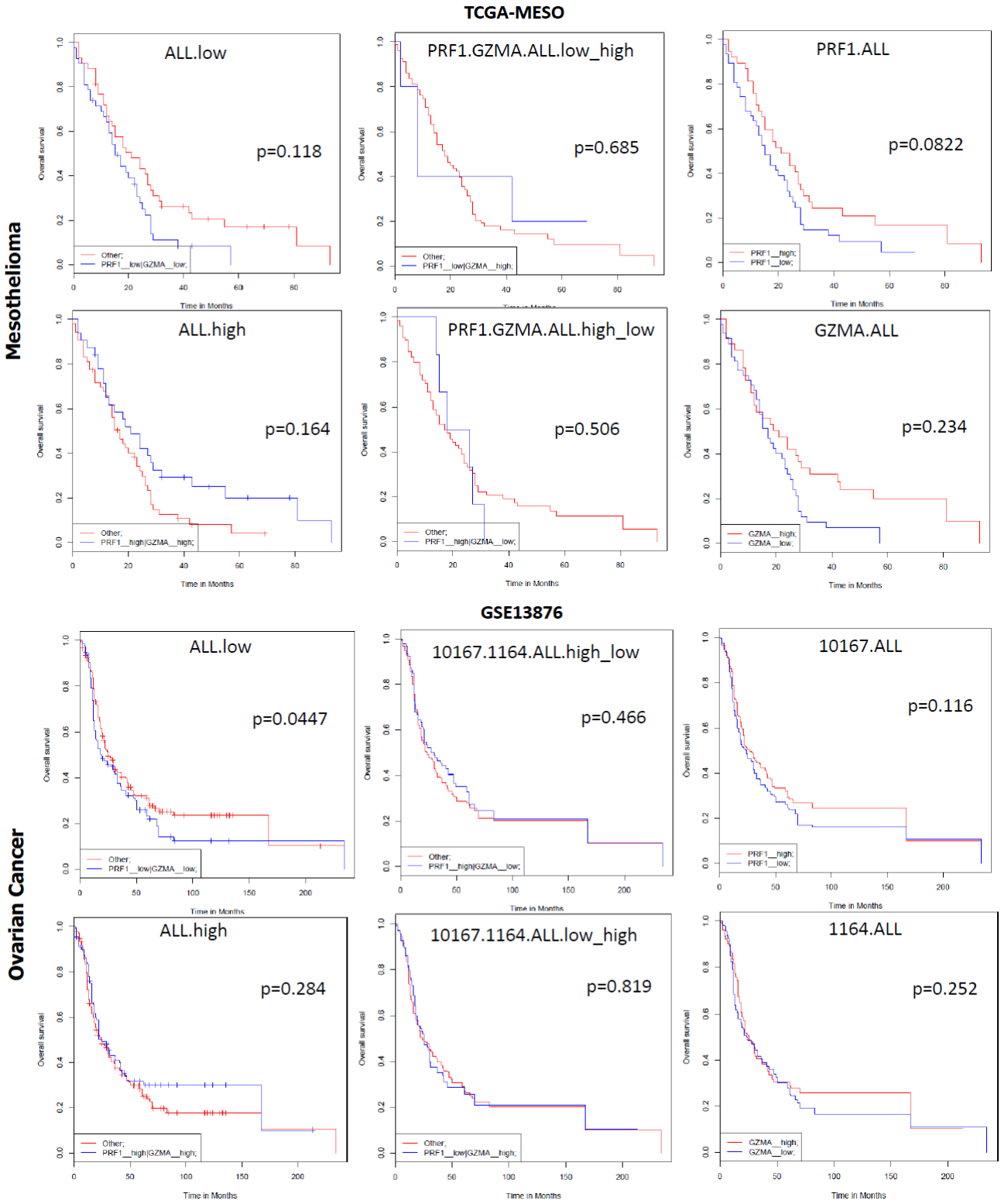
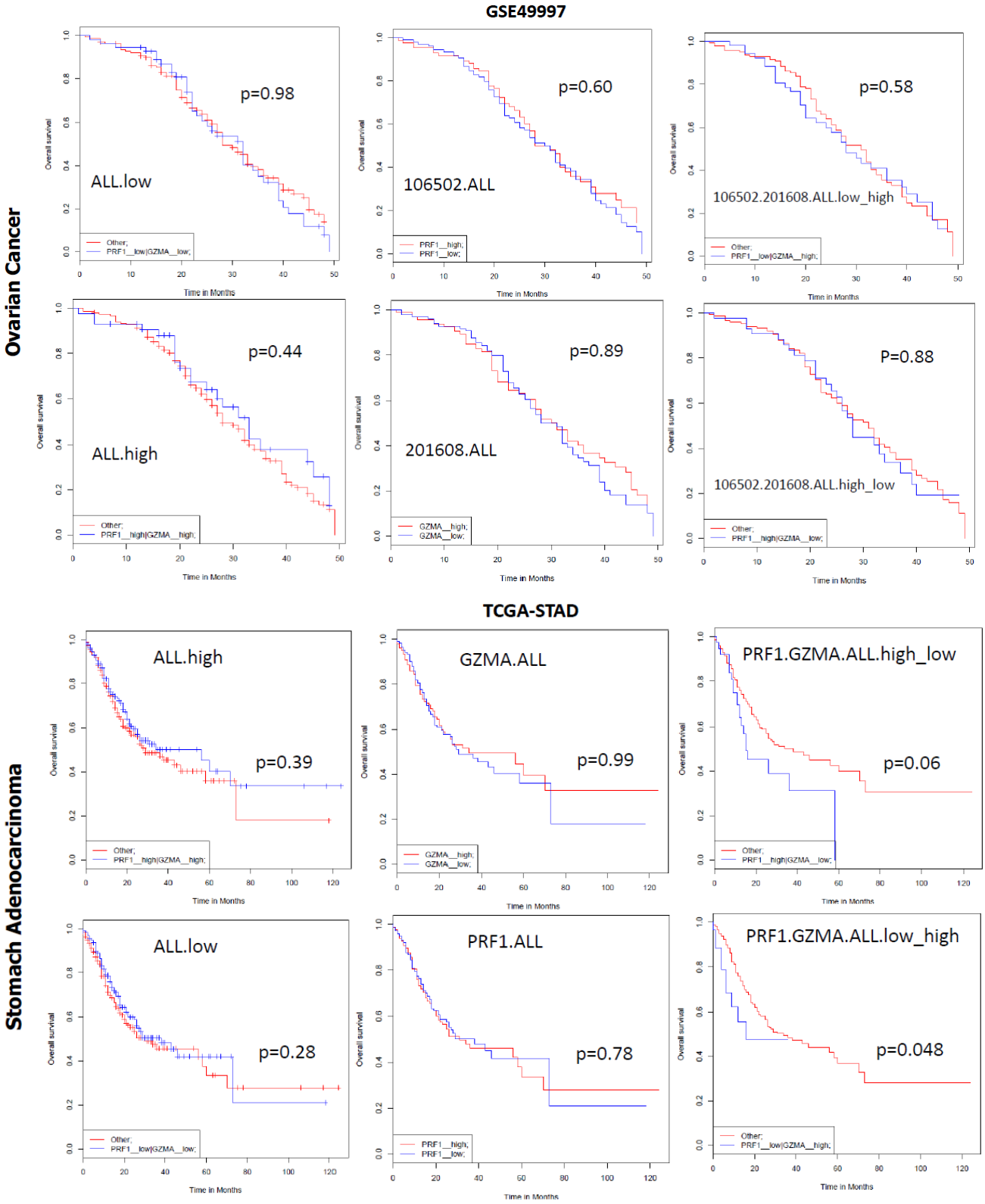
Supplementary Figures




GSE49997
Ovarian Cancer
p=0.98
ALL.low
Other;
PRF1__low|GZMA__low;
p=0.60
106502.ALL
PRF1__high;
PRF1__low;
p=0.58
106502.201608.ALL.low_high
Other;
PRF1__low|GZMA__high;
p=0.44
ALL.high
Other;
PRF1__high|GZMA__high;
p=0.89
201608.ALL
GZMA__high;
GZMA__low;
P=0.88
106502.201608.ALL.high_low
Other;
PRF1__high|GZMA__low;
Overall survival
Time in Months
TCGA-STAD
Stomach Adenocarcinoma
ALL.high
p=0.39
Other;
PRF1__high|GZMA__high;
GZMA.ALL
p=0.99
GZMA__high;
GZMA__low;
PRF1.GZMA.ALL.high_low
p=0.06
Other;
PRF1__high|GZMA__low;
ALL.low
p=0.28
Other;
PRF1__low|GZMA__low;
PRF1.ALL
p=0.78
PRF1__high;
PRF1__low;
PRF1.GZMA.ALL.low_high
p=0.048
Other;
PRF1__low|GZMA__high;

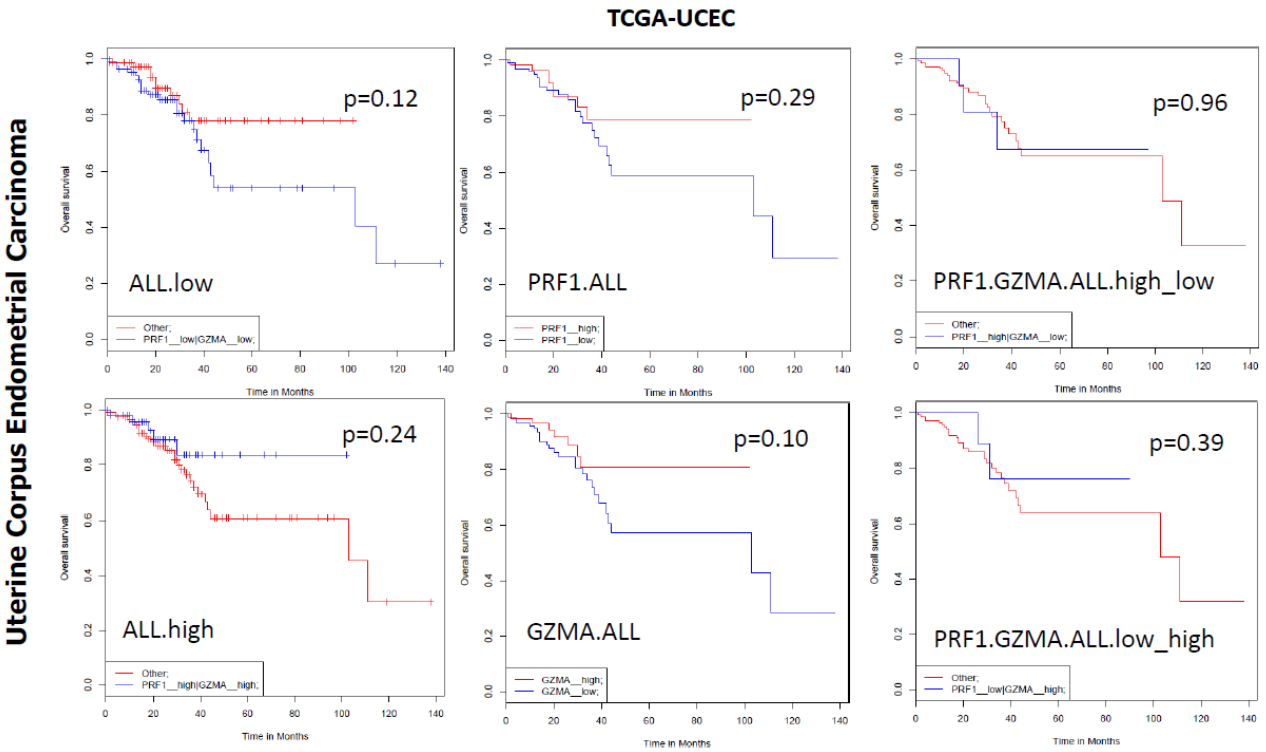


Figure S1. In liver hepatocellular carcinoma (TCGA-LIHC) only the individual high levels of PRF1 and GZMA were significantly associated with a positive effect on patient survival. A similar non-significant association of (individual or simultaneous) high GZMA and PRF1 expression with better effect on patient survival could also be observed in mesothelioma (TCGA-MESO), ovarian cancer (GSE13876 and GSE49997), stomach adenocarcinoma (TCGA-STAD), thyroid carcinoma (TCGA-THCA) and uterine corpus endometrial carcinoma (TCGA-UCEC).