Supplementary Table:

Table S1. The least absolute shrinkage and selection operator (LASSO) prognostic coefficients of the optimal DE-PRGs are presented

Gene	Coef
GNA14	-0.06753
SPP2	-0.01249
IGF1	-0.00025
ABCC4	0.001647
CD109	0.012691
GNG4	0.032211

Abbreviations: Coef, LASSO regression coefficient; DE-PRGs, differentially expressed platelet-related genes; LASSO, least absolute shrinkage and selection operator.

Supplementary Figure:

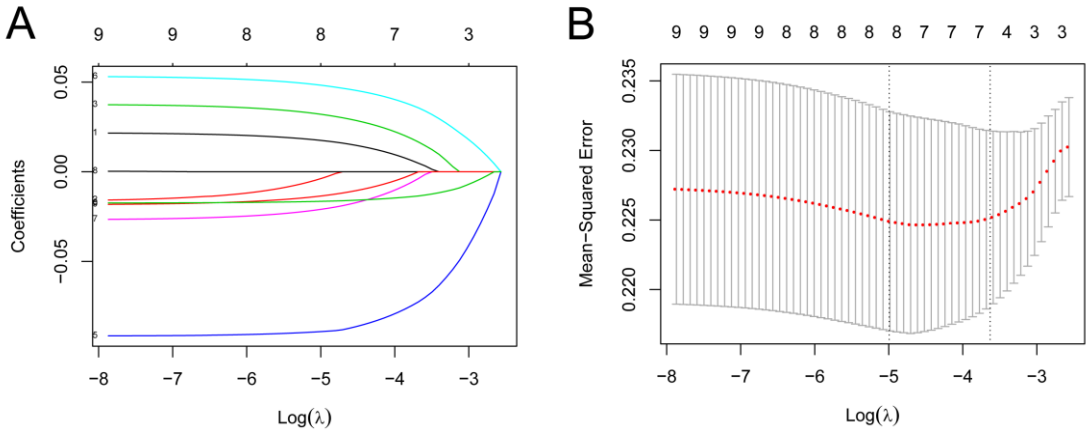


Figure S1. Parameter selection results of LASSO regression analysis. A. Coefficient trace plot of LASSO regression. The x-axis represents the log-transformed value of the regularization parameter λ (Log (λ)), and the y-axis represents the coefficients of each feature variable; different colored curves correspond to different features. B. Cross-validation error plot of LASSO regression. The gray area indicates the confidence interval of the error, and the red dashed line denotes the error corresponding to the optimal λ obtained by cross-validation (the area marked by the dashed line is the

candidate interval for the optimal λ).