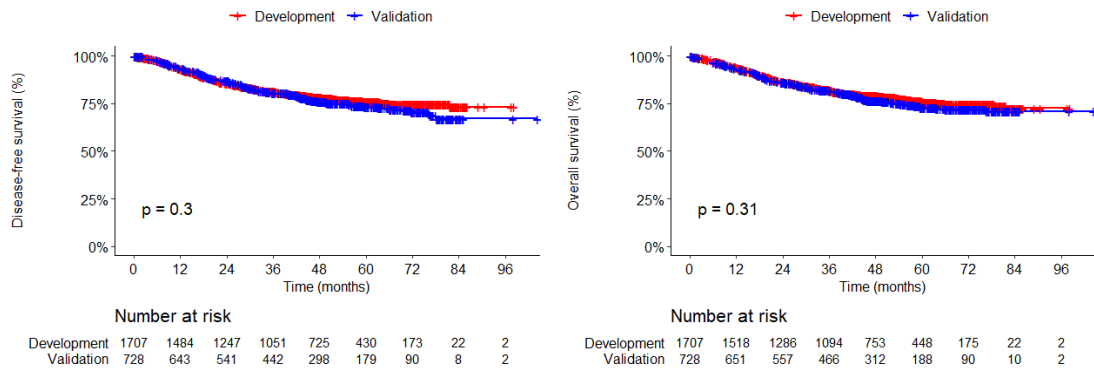**Figure S1** Kaplan-Meier analysis of the long-term prognosis of patients in the development set and the validation set.
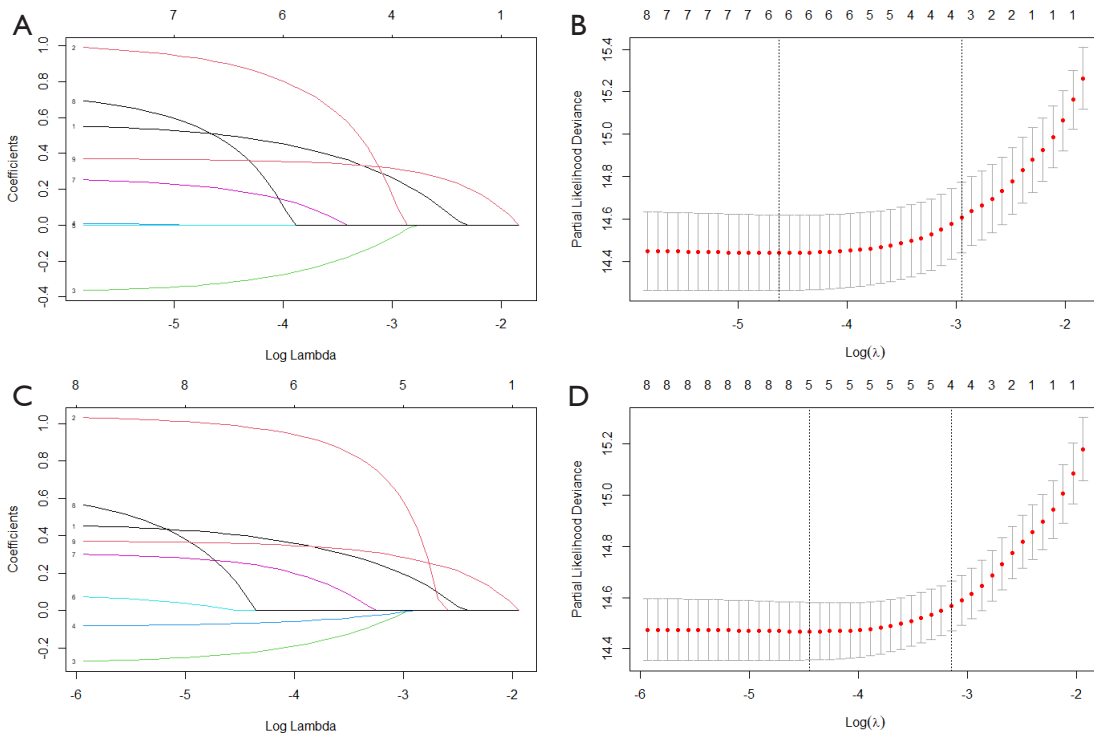

Figure S2 The predictive factors were selected and by using the LASSO regression model. (A,B) LASSO regression model was used to identify the predictors for OS and DFS. (C,D) Identification of the best punishment coefficient lambda in the LASSO regression model for OS and DFS. OS, overall survival; DFS, disease-free survival.
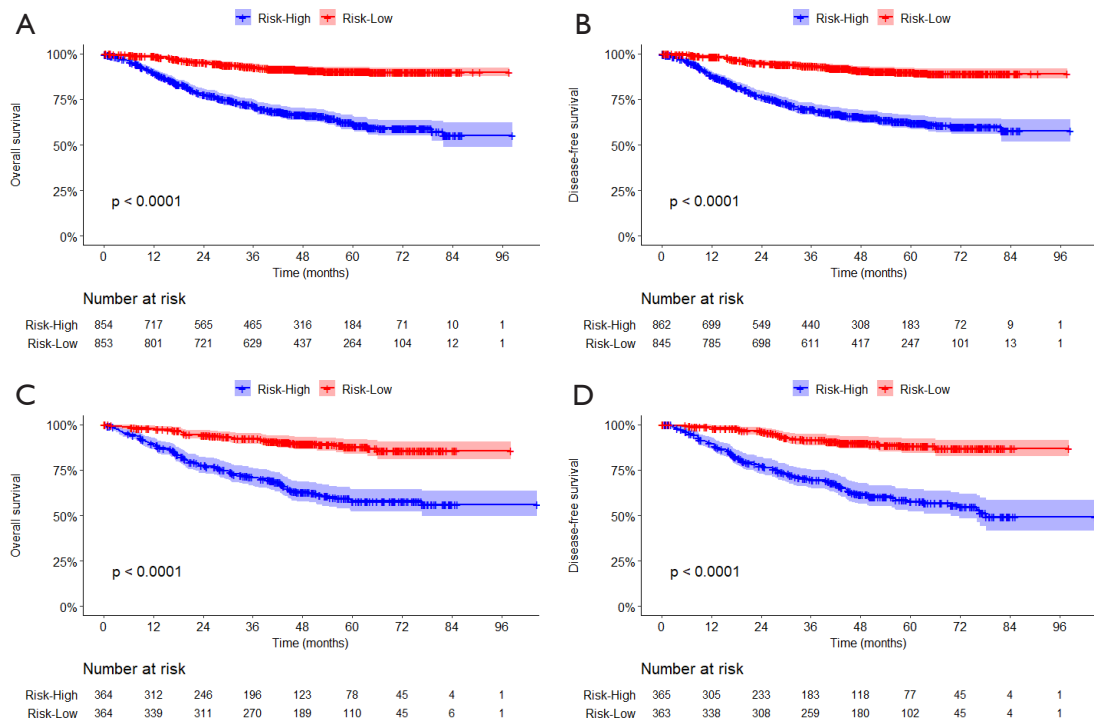
Figure S3 The survival rates of the development set and validation set was analyzed by Kaplan-Meier. (A,B) Kaplan-Meier results of OS and DFS in the development set. (C,D) Kaplan-Meier results of OS and DFS in the validation set. OS, overall survival; DFS, disease-free survival.