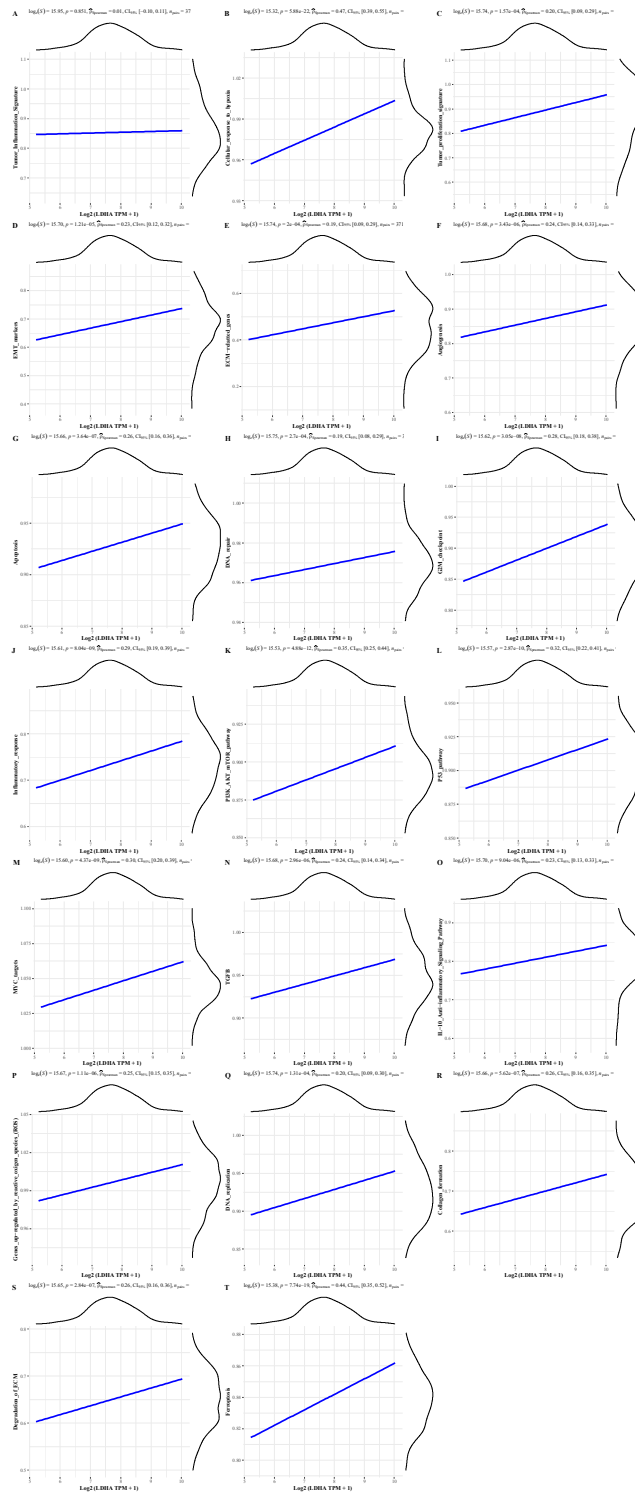


# Supplementary material



**Fig. S1:** Correlation between LDHA expression with pathway activity in HCC. A-T. The correlations between LDHA expression and pathway scores were analyzed using Spearman correlation analysis. The abscissa represents the distribution of the gene expression, and the ordinate represents the distribution of the pathway score. The density curve on the right represents the trend in distribution of pathway immune score, the upper density curve represents the trend in distribution of the gene expression. The value on the top represents the correlation p-value, correlation coefficient and correlation calculation method.