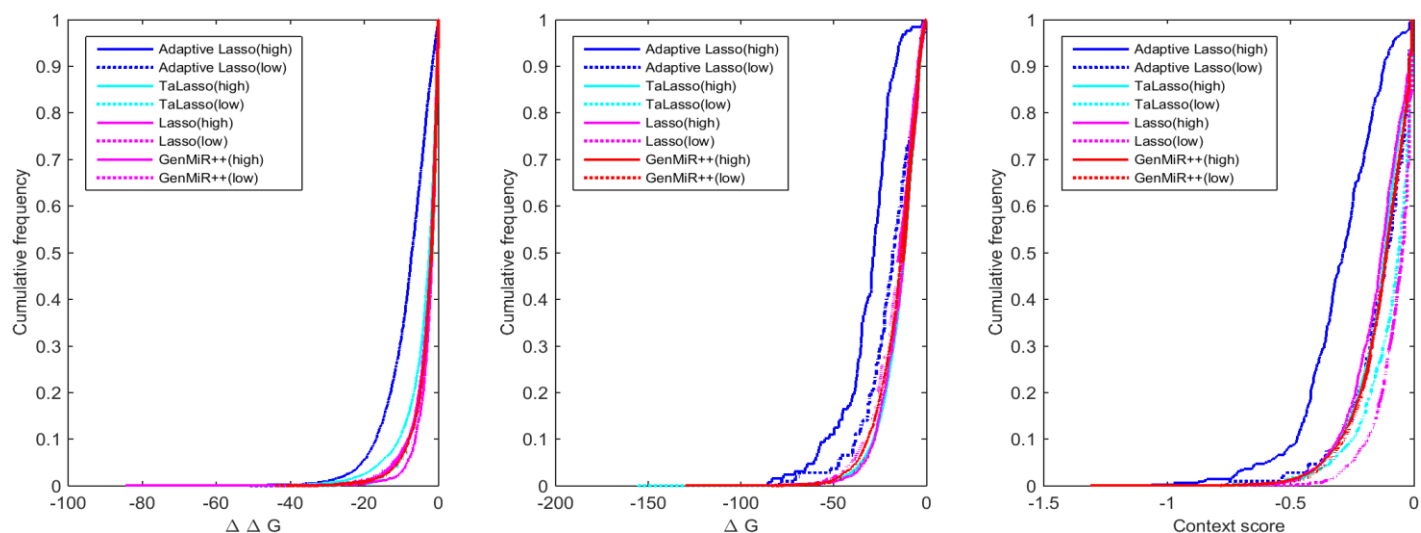


Supplementary Figure 1. ROC plots based on the experimentally-validated miRNA targets from miRTarBase for the lymphoblastic Leukemia DataSet (LDS).



Supplementary Figure 2. The comparison of adaptive Lasso with other methods for the effect of sequence features in miRNA target prediction from the hepatocellular carcinoma dataset. The miRNA-target candidate interactions obtained are grouped according to their respective scores, as the high scoring group (high) and the low scoring group (low). The cumulative frequency of each sequence feature is plotted. The x-axis represents the feature values for each sequence feature.