

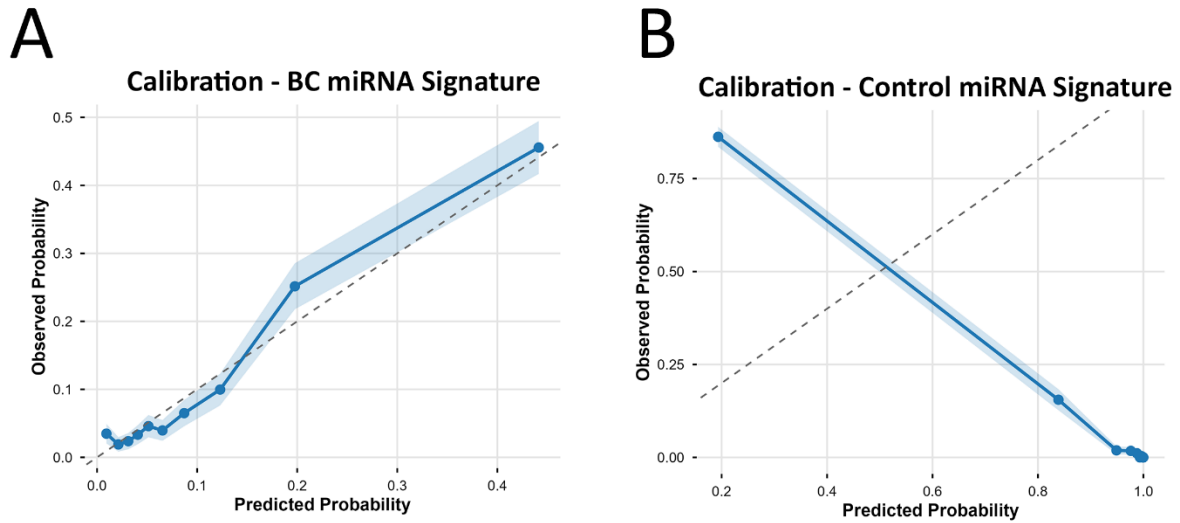


Figure S4. Calibration of LASSO miRNA diagnostic models in the validation cohort. (A) Predicted probabilities from the LASSO model are plotted against the observed proportion of breast cancer (BC) cases. The solid blue line represents the calibration curve, with the shaded area showing the 95% confidence interval. The dashed gray line indicates perfect calibration. **(B)** Calibration plot for the control miRNA panel, following the same conventions as panel A. These plots illustrate the agreement between model-predicted probabilities and actual outcomes across the validation cohort.