

**Supplementary Table 1****Top 4 deregulated miRNAs in the comparison between CB and 5NP breast cancers**

microRNA ID	Core Basal (CB) mean	Five Negative (5NP) mean	log2FC CB vs 5NP	Adj-p-values CB vs 5NP
hsa-miR-155	6.23	6.99	0.76	0.04
hsa-miR-493	6.47	7.01	0.54	0.01
hsa-miR-30e	7.85	7.24	-0.61	0.04
hsa-miR-27a	8.58	7.78	-0.80	0.01

**Supplementary Table 2****Hazard ratios of protective and risky miRNAs**

microRNA ID	Hazard Ratio	Type
hsa-miR-155	0.73	Protective
hsa-miR-493	0.88	Protective
hsa-miR-30e	1.08	Risky
hsa-miR-27a	1.09	Risky