**Supplementary Table 17.** RNA hybrid analysis of miRNAs (present in at least three breast cancer cell lines) target genes (17 luminal-A and 15 triple-negative breast cancer) previously reported to have role in breast cancer

|  |  |  |  |
| --- | --- | --- | --- |
| **miRNA** | **Putative target gene** | **RNAhybrid result** | **Binding energy (kcal/mol)** |
| miR5787 | RERG |  | -28.7 |
| miR5787 | IGFBP6 |  | -37.7 |
| miR6791 | BMF |  | -38.0 |
| miR5787 | BMF |  | -35.6 |
| miR4512 | BMF |  | -26.2 |
| miR3613 | IQGAP2 |  | -20.1 |
| miR5787 | TNFSF10 |  | -30.7 |
| miR3180 | FAT4 |  | -25.5 |
| miR330 | STC2 |  | -26.5 |
| miR6791 | STC2 |  | -33.6 |
| miR5787 | STC2 |  | -32.5 |
| miR5787 | ZNF655 |  | -31.6 |
| miR5787 | AXL |  | -28.3 |
| miR6791 | FXYD5 |  | -29.0 |
| miR330 | FXYD5 |  | -32.9 |
| miR5787 | FXYD5 |  | -34.5 |
| miR6791 | PTRF |  | -32.3 |
| miR330 | PTRF |  | -27.3 |
| miR5787 | PTRF |  | -30.4 |
| miR5787 | RUNX2 |  | -29.6 |
| miR6791 | RUNX2 |  | -34.0 |
| miR5787 | SPATA18 |  | -29.0 |
| miR5787 | UGT8 |  | -29 |
| miR6791 | UGT8 |  | -27.1 |
| miR3613 | UGT8 |  | -18.3 |
| miR5787 | TMEM47 |  | -32.2 |
| miR5787 | NUPR1 |  | -33.1 |
| miR3180-3 | NUPR1 |  | -31.8 |
| miR330 | NUPR1 |  | -28.3 |
| miR6791 | NUPR1 |  | -30.1 |
| miR5787 | HOXC13 |  | -31.5 |
| miR330 | HOXC13 |  | -28.1 |
| miR4512 | PRRX1 |  | -30.2 |
| miR5787 | PRRX1 |  | -31.7 |
| miR6791 | PRRX1 |  | -25.3 |
| miR3613 | PRRX1 |  | -18.3 |
| miR330 | CFB |  | -33.8 |
| miR5787 | CFB |  | -25.3 |
| miR6791 | CFB |  | -29.6 |
| miR330 | CSF3 |  | -27.5 |
| miR4512 | CSF3 |  | -27.1 |
| miR6791 | CSF3 |  | -27.2 |
| miR330 | HEG1 |  | -30.3 |
| miR3180-3 | HEG1 |  | -25.9 |
| miR5787 | HEG1 |  | -31.7 |
| miR6791 | HEG1 |  | -32.0 |
| miR3180-3 | PLAU |  | -30.7 |
| miR5787 | PTER |  | -28.1 |
| miR330 | S100A3 |  | -29.7 |
| miR3180-3 | S100A3 |  | -30.7 |
| miR4512 | S100A3 |  | -28.8 |
| miR5787 | S100A3 |  | -36.2 |
| miR6791 | S100A3 |  | -30.3 |
| miR4512 | SNURF |  | -30.0 |
| miR6791 | SNURF |  | -30.2 |
| miR3180-3 | WIPF1 |  | -27.3 |
| miR3613 | WIPF1 |  | -18.4 |
| miR5787 | WIPF1 |  | -26.6 |
| miR6791 | WIPF1 |  | -31.3 |
| miR6791 | AC108941.2 |  | -25.6 |
| miR330 | ADAMTSL1 |  | -29.1 |
| miR3613 | ADAMTSL1 |  | -18.6 |
| miR5787 | ADAMTSL1 |  | -34.6 |
| miR6791 | ADAMTSL1 |  | -34.7 |
| miR330 | ARHGEF5 |  | -25.7 |
| miR5787 | ARHGEF5 |  | -32.6 |
| miR6080 | ARHGEF5 |  | -34.1 |
| miR330 | BNC1 |  | -26.0 |
| miR5787 | BNC1 |  | -33.0 |
| miR6791 | BNC1 |  | -36.4 |
| miR5787 | CPA4 |  | -34.5 |
| miR5787 | PPL |  | -28.6 |
| miR5787 | TNFRSF10D |  | -35.4 |
| miR6733 | TNFRSF10D |  | -26.2 |
| miR6791 | TNFRSF10D |  | -27.4 |