**Supplementary Table 4. Differentially-expressed genes targeted by DEmiRNAs identified by nanostring analysis in JHH-6 cells**

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| --- | --- | --- |
| **DEx targets** | **miRNA regulators** | **Log2 Fold Change** |
| **UP****UP** | **CDK6** | Cyclin Dependent Kinase 6  | hsa-miR-1246; hsa-miR-218-5p; hsa-miR-33a-5p; hsa-miR-660-5p; hsa-miR-92b-3p; hsa-miR-99a-5p | 1.13 |
| **SCML1** | Scm Polycomb Group Protein Like 1 | hsa-miR-24-3p; hsa-miR-33a-5p | 1.00 |
| **DCUN1D4** | Defective In Cullin Neddylation 1 Domain Containing 4 | hsa-miR-146a-5p; hsa-miR-33a-5p | 1.00 |
| **MBNL1** | Muscleblind Like Splicing Regulator 1 | hsa-miR-1246; hsa-miR-130b-3p; hsa-miR-183-5p; hsa-miR-200c-3p; hsa-miR-218-5p; hsa-miR-24-3p; hsa-miR-92b-3p; hsa-miR-99a-5p | 0.99 |
| **HMGCR** | 3-Hydroxy-3-Methylglutaryl-CoA Reductase | hsa-miR-33a-5p; hsa-miR-92b-3p | 0.97 |
| **ANKRD52** | Ankyrin Repeat Domain 52 | hsa-miR-130b-3p; hsa-miR-200c-3p; hsa-miR-218-5p; hsa-miR-24-3p; hsa-miR-660-5p; hsa-miR-99a-5p | 0.94 |
| **PANK3** | Pantothenate Kinase 3 | hsa-miR-183-5p; hsa-miR-200c-3p; hsa-miR-218-5p; hsa-miR-24-3p; hsa-miR-33a-5p | 0.89 |
| **LAMP2** | Lysosomal Associated Membrane Protein 2 | hsa-miR-1246; hsa-miR-183-5p; hsa-miR-33a-5p; hsa-miR-660-5p | 0.84 |
| **ZFHX3** | Zinc Finger Homeobox 3 | hsa-miR-24-3p; hsa-miR-33a-5p; hsa-miR-660-5p; hsa-miR-92b-3p | 0.78 |
| **DOWN****DOWN** | **CERS2** | Ceramide Synthase 2 | hsa-miR-24-3p; hsa-miR-575 | -0.80 |
| **CEP170** | Centrosomal Protein 170 | hsa-miR-575 | -0.83 |
| **GNG5** | G Protein Subunit Gamma 5 | hsa-miR-183-5p; hsa-miR-575 | -1.00 |
| **GGCT** | Gamma-Glutamylcyclotransferase | hsa-miR-1246; hsa-miR-130b-3p; hsa-miR-92b-3p | -1.01 |
| **PPIP5K2** | Diphosphoinositol Pentakisphosphate Kinase 2 | hsa-miR-1246 | -1.08 |
| **DSP** | Desmoplakin | hsa-miR-1246; hsa-miR-183-5p; hsa-miR-24-3p | -1.08 |
| **TRIM25** | Tripartite Motif Containing 25 | hsa-miR-24-3p; hsa-miR-575 | -1.08 |
| **RNF4** | Ring Finger Protein 4 | hsa-miR-1246; hsa-miR-130b-3p; hsa-miR-218-5p; hsa-miR-92b-3p | -1.24 |
| **CREBL2** | CAMP Responsive Element Binding Protein Like 2 | hsa-miR-1246; hsa-miR-24-3p | -1.92 |