**Supplementary Tables**

**Table S1.** miRNAs examined by FirePlex®-Assay. miRNAs in bold were used for normalization. Asterisks indicate miRNAs with a feature importance of 0 in the relaxed LASSO model (see Fig. 4).

|  |  |  |  |
| --- | --- | --- | --- |
| hsa-mir-9-5p | hsa-mir-34a-3p | hsa-mir-192-5p | hsa-mir-338-3p |
| hsa-mir-15a-5p | hsa-mir-34a-5p | hsa-mir-193b-3p | hsa-mir-342-3p |
| hsa-mir-15b-5p\* | hsa-mir-93-5p | hsa-mir-193b-5p | hsa-mir-374b-3p |
| hsa-mir-16-5p | hsa-mir-101-3p | hsa-mir-197-3p | hsa-mir-425-5p |
| hsa-mir-20a-5p\* | hsa-mir-124-3p | hsa-mir-199a-3p | hsa-mir-509-3p |
| hsa-mir-20b-5p\* | hsa-mir-132-3p | hsa-mir-199a-5p | hsa-mir-514a-3p |
| hsa-mir-21-5p | hsa-mir-137 | hsa-mir-200c-3p | hsa-mir-1246 |
| hsa-mir-23a-3p\* | hsa-mir-142-3p | hsa-mir-203a-3p | hsa-mir-4487\* |
| hsa-mir-23b-3p | hsa-mir-142-5p | hsa-mir-204-5p | hsa-mir-4706 |
| hsa-mir-29a-3p | hsa-mir-145-5p | hsa-mir-205-5p | hsa-mir-4731-5p |
| hsa-mir-29b-3p | hsa-mir-146b-5p\* | hsa-mir-210-3p | **hsa-let-7d-5p\*** |
| hsa-mir-29c-3p | hsa-mir-148a-3p | hsa-mir-211-5p | **hsa-let-7g-5p\*** |
| hsa-mir-30d-5p | hsa-mir-150-5p\* | hsa-mir-214-3p | **hsa-let-7i-5p\*** |
| hsa-mir-31-3p | hsa-mir-155-5p | hsa-mir-221-3p\* |  |
| hsa-mir-31-5p | hsa-mir-182-5p | hsa-mir-222-3p\* |  |
| hsa-mir-33a-5p | hsa-mir-185-5p | hsa-mir-301a-3p |  |