**Table 2. Differential expression of miRNAs for respiratory** **healthy controls and subjects with COPD when comparing smoking status.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **COPD** | | | **Asymptomatic** | | |
| **miRNA id** | **Log2(FC)** | **P-value** | **FDR** | **Log2(FC)** | **P-value** | **FDR** |
| hsa-miR-31-3p | 1.18 | 1.16E-04 | 1.21E-02 | NA | NA | NA |
| hsa-miR-203a-3p | 1.50 | 1.17E-04 | 1.21E-02 | 0.83 | 2.63E-04 | 1.15E-02 |
| hsa-miR-375 | 1.02 | 1.64E-04 | 1.21E-02 | 1.21 | 9.22E-08 | 9.10E-06 |
| hsa-miR-200b-3p | 0.70 | 2.65E-03 | 9.80E-02 | 0.49 | 2.28E-03 | 4.50E-02 |
| hsa-miR-183-5p | 0.75 | 8.10E-03 | 1.07E-01 | 0.84 | 1.37E-08 | 1.80E-06 |
| hsa-miR-31-5p | 0.46 | 1.96E-02 | 1.68E-01 | 0.65 | 4.10E-04 | 1.62E-02 |
| hsa-miR-200c-3p | 0.35 | 2.40E-02 | 1.96E-01 | 0.76 | 1.21E-05 | 7.94E-04 |
| hsa-miR-200a-5p | 0.55 | 3.06E-02 | 2.27E-01 | 0.68 | 1.22E-03 | 3.38E-02 |
| hsa-miR-182-5p | 0.35 | 4.16E-02 | 2.58E-01 | 0.76 | 3.50E-09 | 1.38E-06 |
| hsa-miR-200a-3p | 0.32 | 6.45E-02 | 2.87E-01 | 0.49 | 1.26E-03 | 3.38E-02 |
| hsa-miR-708-5p | 0.49 | 6.51E-02 | 2.87E-01 | 0.69 | 1.12E-03 | 3.38E-02 |
| hsa-miR-149-5p | -0.35 | 1.79E-01 | 4.32E-01 | 0.54 | 1.43E-03 | 3.38E-02 |
| hsa-miR-181b-5p | 0.15 | 3.65E-01 | 6.31E-01 | 0.41 | 1.37E-03 | 3.38E-02 |
| hsa-miR-574-5p | 0.24 | 4.21E-01 | 6.54E-01 | 0.65 | 1.91E-03 | 4.18E-02 |
| hsa-miR-331-3p | 0.14 | 4.79E-01 | 6.94E-01 | 0.55 | 4.96E-04 | 1.78E-02 |
| hsa-miR-130b-3p | 0.11 | 5.04E-01 | 7.22E-01 | 1.09 | 1.64E-04 | 9.06E-03 |
| hsa-miR-181a-5p | 0.05 | 7.70E-01 | 8.81E-01 | 0.47 | 2.17E-03 | 4.50E-02 |
| hsa-miR-126-3p | -0.03 | 8.99E-01 | 9.45E-01 | -0.38 | 2.65E-03 | 4.76E-02 |
| hsa-miR-10b-5p | -0.01 | 9.81E-01 | 9.91E-01 | -0.47 | 1.83E-04 | 9.06E-03 |
| hsa-miR-3065-5p | NA | NA | NA | 2.18 | 8.79E-09 | 1.74E-06 |
| hsa-miR-3065-3p | NA | NA | NA | 1.98 | 3.36E-06 | 2.66E-04 |
| hsa-miR-126-5p | NA | NA | NA | -0.53 | 1.45E-03 | 3.38E-02 |
| hsa-miR-1468-5p | NA | NA | NA | -1.10 | 2.62E-03 | 4.76E-02 |
| FC: Fold Change; FDR: False Discovery Rate (Benjamini Hochberg corrected p-value) | | | | | | |

Differentially expressed miRNAs with an FDR < 0.05 are shown. The table is sorted by the P-value of the COPD participants. NA's are given for probes not available in the dataset