|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **mirBase ID** | **Estimate** | **FDR** | **mirBase ID** | **Estimate** | **FDR** |
| hsa-miR-103a-2-5p | 0.65 | 2.18 E-05 | hsa-miR-3940-3p | 0.80 | 0.019 |
| hsa-miR-1291 | 0.87 | 0.019 | hsa-miR-3960 | 0.83 | 0.035 |
| hsa-miR-1306-5p | 0.87 | 0.016 | hsa-miR-4775 | 1.23 | 0.033 |
| hsa-miR-139-3p | 1.20 | 0.033 | hsa-miR-491-5p | 0.71 | 0.021 |
| hsa-miR-2277-3p | 0.71 | 0.015 | hsa-miR-500a-5p | 0.87 | 0.005 |
| hsa-miR-2277-5p | 1.20 | 0.024 | hsa-miR-500b-5p | 0.82 | 0.004 |
| hsa-miR-26a-1-3p | 0.84 | 0.017 | hsa-miR-501-5p | 0.87 | 8.0 E-4 |
| hsa-miR-3157-5p | 0.73 | 0.013 | hsa-miR-5010-3p | 0.88 | 0.034 |
| hsa-miR-3174 | 0.8 | 0.044 | hsa-miR-548ad-5p | 1.28 | 0.035 |
| hsa-miR-3194-5p | 0.71 | 0.030 | hsa-miR-548ae-5p | 1.18 | 0.035 |
| hsa-miR-33a-3p | 0.86 | 0.004 | hsa-miR-548w | 0.86 | 0.036 |
| hsa-miR-33b-3p | 0.81 | 0.035 | hsa-miR-6501-5p | 0.823 | 0.029 |
| hsa-miR-7976 | 0.69 | 0.003 |  | | |

**Table 1. |** Identification of SDE miRNAs in all HIV patients.

**Abbreviation**: FDR – False Discovery Rate (adjusted pvalue)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Male** | | | | | |
| **mirBase ID** | **Estimate** | **FDR** | **mirBase ID** | **Estimate** | **FDR** |
| hsa-miR-10392-5p | 0.818 | 0.017 | hsa-miR-4435 | 1.218 | 0.012 |
| hsa-miR-103a-2-5p | 0.656 | 0.004 | hsa-miR-4772-3p | 0.815 | 0.042 |
| hsa-miR-1197 | 1.229 | 0.035 | hsa-miR-4775 | 1.376 | 0.013 |
| hsa-miR-1273h-5p | 0.876 | 0.047 | hsa-miR-491-5p | 0.670 | 0.033 |
| hsa-miR-1277-5p | 1.103 | 0.015 | hsa-miR-500a-5p | 0.874 | 0.016 |
| hsa-miR-1285-5p | 0.580 | 0.012 | hsa-miR-500b-5p | 0.806 | 0.017 |
| hsa-miR-1291 | 0.876 | 0.014 | hsa-miR-501-5p | 0.884 | 0.031 |
| hsa-miR-1306-5p | 0.813 | 0.010 | hsa-miR-502-5p | 0.771 | 0.021 |
| hsa-miR-139-3p | 1.264 | 0.033 | hsa-miR-5189-3p | 1.313 | 0.047 |
| hsa-miR-145-3p | 1.149 | 0.012 | hsa-miR-5189-5p | 1.368 | 0.022 |
| hsa-miR-191-3p | 1.169 | 0.025 | hsa-miR-5193 | 0.694 | 0.049 |
| hsa-miR-1910-5p | 0.720 | 0.036 | hsa-miR-548ag | 1.207 | 0.020 |
| hsa-miR-2277-3p | 0.635 | 0.031 | hsa-miR-548o-3p | 1.155 | 0.020 |
| hsa-miR-2277-5p | 1.274 | 0.026 | hsa-miR-550a-3-5p | 1.411 | 0.012 |
| hsa-miR-27b-5p | 1.169 | 0.014 | hsa-miR-550a-5p | 1.411 | 0.012 |
| hsa-miR-3065-3p | 1.692 | 0.010 | hsa-miR-619-5p | 0.783 | 0.007 |
| hsa-miR-3120-3p | 1.295 | 0.014 | hsa-miR-629-3p | 0.879 | 0.016 |
| hsa-miR-3157-5p | 0.521 | 0.003 | hsa-miR-6501-5p | 0.746 | 0.012 |
| hsa-miR-3194-5p | 0.682 | 0.047 | hsa-miR-6511a-3p | 0.791 | 0.017 |
| hsa-miR-33a-3p | 0.804 | 0.003 | hsa-miR-6513-3p | 1.476 | 0.045 |
| hsa-miR-33b-3p | 0.751 | 0.015 | hsa-miR-6516-5p | 1.459 | 0.023 |
| hsa-miR-3651 | 0.791 | 0.008 | hsa-miR-6842-3p | 1.111 | 0.032 |
| hsa-miR-374b-3p | 1.123 | 0.046 | hsa-miR-760 | 0.690 | 0.032 |
| hsa-miR-378g | 0.559 | 0.007 | hsa-miR-769-3p | 0.722 | 0.036 |
| hsa-miR-3934-5p | 0.700 | 0.046 | hsa-miR-942-5p | 1.181 | 0.013 |
| hsa-miR-3960 | 0.760 | 0.014 |  |  |  |
| **Female** | | | | | |
| **mirBase ID** | **Estimate** | **FDR** | **mirBase ID** | **Estimate** | **FDR** |
| hsa-miR-1180-3p | 1.5555873 | 0.03728271 |  |  |  |

**Table 2. |**Identification of SDE miRNAs in all HIV patients stratified by sex.

**Abbreviation**: FDR – False Discovery Rate (adjusted pvalue)

**Table 3. |**Identification of SDE miRNAs in HIV+ monoinfected patients stratified by sex.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Male** | | | | | |
| **mirBase ID** | **Estimate** | **FDR** | **mirBase ID** | **Estimate** | **FDR** |
| hsa-let-7f-2-3p | 1.246 | 0.030 | hsa-miR-548aj-5p | 1.105 | 0.043 |
| hsa-miR-1273h-5p | 0.807 | 0.021 | hsa-miR-548am-5p | 1.123 | 0.027 |
| hsa-miR-1291 | 0.818 | 0.033 | hsa-miR-548ar-5p | 1.118 | 0.037 |
| hsa-miR-1296-5p | 0.867 | 0.037 | hsa-miR-548bc | 1.249 | 0.011 |
| hsa-miR-1306-5p | 0.799 | 0.027 | hsa-miR-548c-5p | 1.149 | 0.027 |
| hsa-miR-18a-3p | 0.846 | 0.026 | hsa-miR-548d-5p | 1.147 | 0.027 |
| hsa-miR-190b-5p | 0.888 | 0.049 | hsa-miR-548e-3p | 1.122 | 0.011 |
| hsa-miR-25-5p | 0.880 | 0.027 | hsa-miR-548f-5p | 1.112 | 0.037 |
| hsa-miR-29b-2-5p | 0.723 | 0.037 | hsa-miR-548g-5p | 1.105 | 0.043 |
| hsa-miR-3074-5p | 0.708 | 0.025 | hsa-miR-548h-5p | 1.119 | 0.027 |
| hsa-miR-3150b-3p | 0.734 | 0.021 | hsa-miR-548o-3p | 1.195 | 0.026 |
| hsa-miR-32-3p | 1.328 | 0.001 | hsa-miR-548o-5p | 1.149 | 0.027 |
| hsa-miR-33b-5p | 1.247 | 0.027 | hsa-miR-548w | 0.746 | 0.026 |
| hsa-miR-3605-5p | 0.699 | 0.027 | hsa-miR-548x-5p | 1.106 | 0.043 |
| hsa-miR-374b-3p | 1.214 | 0.015 | hsa-miR-550a-3p | 1.474 | 0.026 |
| hsa-miR-3912-3p | 1.347 | 0.036 | hsa-miR-5690 | 1.206 | 0.041 |
| hsa-miR-4677-3p | 1.174 | 0.014 | hsa-miR-590-3p | 1.109 | 0.021 |
| hsa-miR-497-5p | 1.336 | 0.038 | hsa-miR-628-5p | 1.180 | 0.007 |
| hsa-miR-500a-5p | 0.789 | 0.018 | hsa-miR-6511a-3p | 0.749 | 0.032 |
| hsa-miR-501-5p | 0.855 | 0.030 | hsa-miR-6718-5p | 0.694 | 0.026 |
| hsa-miR-5010-3p | 0.796 | 0.043 |  |  |  |
| **Female** | | | | | |
| **mirBase ID** | **Estimate** | **FDR** | **mirBase ID** | **Estimate** | **FDR** |
| hsa-miR-128-1-5p | 1.178 | 0.037 | hsa-miR-4326 | 1.195 | 0.037 |
| hsa-miR-29b-1-5p | 1.465 | 0.030 |  |  |  |

**Abbreviation**: FDR – False Discovery Rate (adjusted pvalue)

**Table 4. |**Identification of SDE miRNAs in HIV+HCV- patients stratified by sex.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Male** | | | | | |
| **mirBase ID** | **Estimate** | **FDR** | **mirBase ID** | **Estimate** | **FDR** |
| hsa-miR-1268b | 0.749 | 0,025 | hsa-miR-589-3p | 1.176 | 0,021 |
| hsa-miR-185-3p | 1.170 | 0,012 | hsa-miR-627-5p | 1.736 | 0,012 |
| hsa-miR-2277-5p | 1.468 | 0,015 | hsa-miR-664a-5p | 1.444 | 0,010 |
| hsa-miR-33a-3p | 0.788 | 0,032 |  |  |  |
| **Female** | | | | | |
| **mirBase ID** | **Estimate** | **FDR** | **mirBase ID** | **Estimate** | **FDR** |
| No identificados |  |  |  |  |  |

**Abbreviation**: FDR – False Discovery Rate (adjusted pvalue)

**Table 4. |**Identification of SDE miRNAs in HIV+HCV+ patients stratified by sex.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Male** | | | | | |
| **mirBase ID** | **Estimate** | **FDR** | **mirBase ID** | **Estimate** | **FDR** |
| hsa-miR-29c-5p | 0.899 | 0,016 | hsa-miR-500b-5p | 0.757 | 0,046 |
| hsa-miR-3074-5p | 1.587 | 0,034 | hsa-miR-502-5p | 0.592 | 0,033 |
| hsa-miR-4435 | 1.674 | 0,008 | hsa-miR-6501-5p | 0.651 | 0,034 |
| hsa-miR-500a-5p | 0.831 | 0,033 | hsa-miR-942-5p | 1.301 | 0,009 |
| **Female** | | | | | |
| **mirBase ID** | **Estimate** | **FDR** | **mirBase ID** | **Estimate** | **FDR** |
| hsa-miR-10527-5p | 0,420 | 0,022 | hsa-miR-3690 | 0,347 | 4.03 E-4 |
| hsa-miR-1301-3p | 0,886 | 0,003 | hsa-miR-4433b-3p | 0,581 | 0,003 |
| hsa-miR-185-3p | 0,859 | 0,040 | hsa-miR-4435 | 0,536 | 0,040 |
| hsa-miR-18a-3p | 0,008 | 0,000 | hsa-miR-5010-3p | 0,589 | 0,040 |
| hsa-miR-22-5p | 1,687 | 0,000 | hsa-miR-628-3p | 0,635 | 0,004 |
| hsa-miR-29a-5p | 3,084 | 0,009 | hsa-miR-6511a-3p | 0,496 | 0,021 |
| hsa-miR-3074-5p | 0,478 | 0,031 | hsa-miR-652-5p | 0,820 | 0,014 |
| hsa-miR-3150b-3p | 0,673 | 0,018 | hsa-miR-6837-3p | 0,333 | 0,020 |
| hsa-miR-320c | 1,258 | 0,007 | hsa-miR-7-1-3p | 1,122 | 0,037 |
| hsa-miR-320d | 1,661 | 0,037 | hsa-miR-7849-3p | 0,558 | 0,009 |
| hsa-miR-330-5p | 1,201 | 0,027 | hsa-miR-877-5p | 0,774 | 0,020 |
| hsa-miR-331-5p | 0,563 | 0,043 | hsa-miR-9-5p | 1,144 | 0,035 |
| hsa-miR-339-5p | 1,101 | 0,000 | hsa-miR-99b-3p | 0,651 | 0,040 |

**Abbreviation**: FDR – False Discovery Rate (adjusted pvalue)