**Supplementary Table 2.** Summary data from ROC curve analysis of all plasma miRNAs comparing separately PDAC (n=94) vs C (n=51) and IPMN (n=19) vs C (n=51). Results are adjusted by age and gender.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **microRNA** | AUC(PDAC *vs* C) | 95% CI | p value | SN (%) | SP (%) | PPV | NPV | AUC(IPMN *vs* C) | 95% CI | p value | SN (%) | SP (%) | PPV | NPV |
| hsa-let-7e-5p | 0.716 | 0.675-0.757 | 1.79E-05 | 67.0 | 84.3 | 0.89 | 0.58 | 0.689 | 0.617-0.762 | 1.55E-02 | 57.9 | 80.4 | 0.52 | 0.84 |
| hsa-let-7f-5p | 0.722 | 0.681-0.762 | 1.09E-05 | 64.9 | 74.5 | 0.82 | 0.54 | 0.695 | 0.623-0.767 | 1.28E-02 | 63.2 | 70.6 | 0.44 | 0.84 |
| hsa-miR-103a-3p | 0.743 | 0.704-0.782 | 1.35E-06 | 67.0 | 68.6 | 0.80 | 0.53 | 0.823 | 0.762-0.883 | 3.66E-05 | 78.9 | 78.4 | 0.58 | 0.91 |
| hsa-miR-151a-5p | 0.745 | 0.706-0.784 | 1.15E-06 | 75.5 | 72.5 | 0.84 | 0.62 | 0.779 | 0.714-0.844 | 3.56E-04 | 63.2 | 82.4 | 0.57 | 0.86 |
| hsa-miR-151b | 0.778 | 0.741-0.814 | 3.61E-08 | 75.5 | 72.5 | 0.84 | 0.62 | 0.783 | 0.718-0.848 | 2.96E-04 | 63.2 | 90.2 | 0.71 | 0.87 |
| hsa-miR-155-5p | 0.667 | 0.624-0.711 | 9.10E-04 | 69.1 | 76.5 | 0.84 | 0.57 | 0.684 | 0.612-0.757 | 1.83E-02 | 73.7 | 70.6 | 0.48 | 0.88 |
| hsa-miR-16-5p | 0.770 | 0.733-0.807 | 8.08E-08 | 79.8 | 82.4 | 0.89 | 0.69 | 0.817 | 0.756-0.878 | 4.88E-05 | 73.7 | 78.4 | 0.56 | 0.89 |
| hsa-miR-181a-5p | 0.756 | 0.718-0.794 | 3.59E-07 | 61.7 | 80.4 | 0.85 | 0.53 | 0.755 | 0.687-0.822 | 1.11E-03 | 68.4 | 78.4 | 0.54 | 0.87 |
| hsa-miR-181b-5p | 0.725 | 0.685-0.766 | 1.06E-05 | 71.3 | 74.5 | 0.84 | 0.58 | 0.693 | 0.621-0.766 | 1.39E-02 | 73.7 | 61.2 | 0.42 | 0.86 |
| hsa-miR-192-5p | 0.825 | 0.793-0.857 | 1.14E-10 | 73.4 | 72.5 | 0.83 | 0.60 | 0.761 | 0.694-0.828 | 8.42E-04 | 57.9 | 96.1 | 0.85 | 0.86 |
| hsa-miR-21-5p | 0.862 | 0.834-0.890 | 6.65E-13 | 62.4 | 73.5 | 0.82 | 0.51 | 0.832 | 0.773-0.891 | 2.18E-05 | 73.7 | 82.4 | 0.61 | 0.89 |
| hsa-miR-221-3p | 0.741 | 0.702-0.781 | 1.91E-06 | 78.7 | 70.6 | 0.83 | 0.64 | 0.704 | 0.633-0.776 | 9.13E-03 | 57.9 | 84.0 | 0.58 | 0.84 |
| hsa-miR-23a-3p | 0.742 | 0.703-0.781 | 1.52E-06 | 61.7 | 80.4 | 0.85 | 0.53 | 0.674 | 0.600-0.747 | 2.63E-02 | 57.9 | 86.3 | 0.61 | 0.85 |
| hsa-miR-320a | 0.849 | 0.819-0.879 | 4.40E-12 | 83.0 | 78.4 | 0.88 | 0.71 | 0.894 | 0.845-0.943 | 4.58E-07 | 89.5 | 88.2 | 0.74 | 0.96 |
| hsa-miR-33a-3p | 0.857 | 0.828-0.886 | 1.87E-12 | 87.2 | 76.0 | 0.87 | 0.76 | 0.820 | 0.759-0.881 | 4.48E-05 | 84.2 | 70.0 | 0.52 | 0.92 |
| hsa-miR-548d-3p | 0.762 | 0.722-0.802 | 7.43E-07 | 53.2 | 80.4 | 0.83 | 0.48 | 0.723 | 0.643-0.804 | 1.13E-02 | 71.4 | 77.6 | 0.48 | 0.90 |
| hsa-miR-93-5p | 0.791 | 0.755-0.826 | 8.03E-09 | 77.9 | 67.3 | 0.79 | 0.66 | 0.844 | 0.786-0.901 | 1.08E-05 | 84.2 | 76.5 | 0.57 | 0.93 |
|  |
| **Ca19.9** | 0,811 | 0,777-0,845 | 8,93E-10 | 88,9 | 74,5 | 0,86 | 0,79 | 0.622 | 0.547-0.697 | 1.19E-01 | 73.7 | 62.7 | 0.42 | 0.86 |

AUC: area under the curve; CI: confidence interval; SN: sensitivity; SP: specificity: PPV: positive predictive value; NPV: negative predictive value.

SN and SP cut-off considered the minimum distance between ROC curve and upper left corner.