Table S1. Summary of clinical and histopathological data of the PSCC samples used for microarray analysis and qRT-PCR validation. N: lymph node metastasis; M: distant metastasis.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tumor ID | Tumor stage/grade | HPV Status/subtype | Histological subtype | Metastasis status  (N or M) |
| 1 | pT2N0G3 | HPV-16 | warty-basaloid | Non-metastatic |
| 12 | pT2N1G3 | HPV-negative | usual | Metastatic |
| 13 | pT3N0G2 | HPV-16 | warty-basaloid | Non-metastatic |
| 15 | pT1bN1G2 | HPV-16 | basaloid | Metastatic |
| 19 | pT2N0G3 | HPV-negative | usual | Non-metastatic |
| 22 | pT1aN3G3 | HPV-16 | basaloid | Metastatic |
| 24 | pT2N0G3 | HPV-16 | basaloid | Non-metastatic |
| 28 | pT1aN0G2 | HPV-16 | warty-basaloid | Non-metastatic |
| 31 | pT1aN0G2 | HPV-negative | usual | Non-metastatic |
| 36 | pT2N1G2 | HPV-negative | usual | Metastatic |
| 38 | pT3N3G2 | HPV-negative | usual | Metastatic |
| 39 | pT3N0G2 | HPV-negative | usual | Non-metastatic |
| 42 | pT2N0G3 | HPV-16 | basaloid | Non-metastatic |
| 47 | pT1aN0G2 | HPV-negative | usual | Non-metastatic |
| 47 | pT2N0G3 | HPV-16 | basaloid | Non-metastatic |
| 54 | pT2N2G3V1 | HPV-16 | warty-basaloid | Metastatic |
| 59 | pT2N0G2 | HPV-11 | usual | Non-metastatic |
| 64 | Not defined | HPV-16 | usual | Metastatic |
| 91 | pT3N3G2 | HPV-negative | usual | Metastatic |
| 106 | pT1aN0G1 | HPV-negative | pure verrucous | Non-metastatic |
| 112 | pT3N3G2 | HPV-negative | usual | Metastatic |
| 115 | pT3N0G2 | HPV-negative | usual | Non-metastatic |
| 116 | pT1bN0G3 | HPV-16 | warty-basaloid | Non-metastatic |
| 130 | pT1aN0G2 | HPV-negative | warty | Non-metastatic |
| 132 | pT3N3G3 | HPV-16 | warty-basaloid | Metastatic |
| 133 | pT1aN3G2 | HPV-negative | usual | Metastatic |
| 134 | pT2N3G2 | HPV-negative | usual | Metastatic |
| 139 | pT1bN3G3 | HPV-16 | basaloid | Metastatic |
| 142 | pT1bN0G3 | HPV-negative | usual | Non-metastatic |
| 158 | Not defined | HPV-negative | usual | Non-metastatic |
| 164 | pT1aN1G1 | HPV-16 | basaloid | Metastatic |
| 168 | pT3N1G3 | HPV-16 | basaloid | Metastatic |
| 172 | pT2N1G3 | HPV-18 | clear cell | Metastatic |
| 186 | pT3N0G2 | HPV-negative | usual | Non-metastatic |
| 187 | pT2N0G2 | HPV-negative | usual | Non-metastatic |

|  |  |  |  |
| --- | --- | --- | --- |
| Systematic name | p-value | q-value | Fold change |
| hsa-miR-5696 | 0.005 | 0.018 | 3.214 |
| hsa-miR-3925-5p | 0.003 | 0.018 | 2.851 |
| hsa-miR-1273c | 0.001 | 0.018 | 2.725 |
| hsa-miR-4522 | 0.005 | 0.018 | 2.671 |
| hsa-miR-6847-5p | 0.004 | 0.018 | 2.532 |
| hsa-miR-6857-5p | 0.006 | 0.020 | 2.236 |
| hsa-miR-370-3p | 0.009 | 0.026 | 2.115 |
| hsa-miR-4758-5p | 0.005 | 0.019 | 2.069 |
| hsa-miR-5100 | 0.004 | 0.018 | 0.500 |
| hsa-miR-20b-3p | 0.008 | 0.024 | 0.499 |
| hsa-miR-8079 | 0.005 | 0.019 | 0.499 |
| hsa-miR-138-1-3p | 0.008 | 0.023 | 0.494 |
| hsa-miR-6884-5p | 0.009 | 0.026 | 0.494 |
| hsa-miR-6501-5p | 0.009 | 0.025 | 0.494 |
| hsa-miR-8070 | 0.010 | 0.027 | 0.493 |
| hsa-miR-6802-3p | 0.007 | 0.022 | 0.493 |
| hsa-miR-608 | 0.009 | 0.026 | 0.492 |
| hsa-miR-8054 | 0.007 | 0.022 | 0.492 |
| hsa-miR-3613-3p | 0.005 | 0.019 | 0.492 |
| hsa-miR-6508-5p | 0.002 | 0.018 | 0.491 |
| hsa-miR-873-5p | 0.010 | 0.027 | 0.491 |
| hsa-miR-1298-3p | 0.007 | 0.022 | 0.491 |
| hsa-miR-885-3p | 0.008 | 0.023 | 0.491 |
| hsa-miR-129-2-3p | 0.008 | 0.023 | 0.491 |
| hsa-miR-3148 | 0.009 | 0.026 | 0.490 |
| hsa-miR-1234-3p | 0.002 | 0.018 | 0.490 |
| hsa-miR-8080 | 0.008 | 0.024 | 0.490 |
| hsa-miR-148a-5p | 0.009 | 0.026 | 0.490 |
| hsa-miR-520f-3p | 0.009 | 0.026 | 0.489 |
| hsa-miR-30d-3p | 0.004 | 0.018 | 0.488 |
| hsa-miR-433-3p | 0.009 | 0.026 | 0.487 |
| hsa-miR-3064-5p | 0.008 | 0.024 | 0.487 |
| hsa-miR-6821-3p | 0.008 | 0.023 | 0.486 |
| hsa-miR-3529-3p | 0.009 | 0.026 | 0.485 |
| hsa-miR-4747-5p | 0.008 | 0.023 | 0.484 |
| hsa-miR-889-5p | 0.008 | 0.024 | 0.483 |
| hsa-miR-5692a | 0.008 | 0.023 | 0.483 |
| hsa-miR-7160-5p | 0.006 | 0.020 | 0.483 |
| hsa-miR-548b-5p | 0.009 | 0.025 | 0.482 |
| hsa-miR-300 | 0.004 | 0.018 | 0.481 |
| hsa-miR-548ae-3p | 0.009 | 0.026 | 0.481 |
| hsa-miR-4764-5p | 0.007 | 0.021 | 0.480 |
| hsa-miR-548ad-5p | 0.008 | 0.024 | 0.479 |
| hsa-miR-6504-3p | 0.009 | 0.025 | 0.478 |
| hsa-miR-4754 | 0.008 | 0.023 | 0.477 |
| hsa-miR-3944-3p | 0.007 | 0.021 | 0.476 |
| hsa-miR-331-5p | 0.003 | 0.018 | 0.475 |
| hsa-miR-5698 | 0.007 | 0.022 | 0.475 |
| hsa-miR-219a-2-3p | 0.007 | 0.022 | 0.474 |
| hsa-miR-8083 | 0.005 | 0.018 | 0.474 |
| hsa-miR-645 | 0.004 | 0.018 | 0.474 |
| hsa-miR-6871-3p | 0.004 | 0.018 | 0.474 |
| hsa-miR-517-5p | 0.007 | 0.023 | 0.473 |
| hsa-miR-675-5p | 0.008 | 0.023 | 0.473 |
| hsa-miR-4766-5p | 0.007 | 0.022 | 0.472 |
| hsa-miR-4440 | 0.006 | 0.020 | 0.472 |
| hsa-miR-2116-5p | 0.006 | 0.020 | 0.472 |
| hsa-miR-518f-5p | 0.008 | 0.024 | 0.472 |
| hsa-miR-3186-5p | 0.008 | 0.024 | 0.471 |
| hsa-miR-548bb-3p | 0.010 | 0.027 | 0.471 |
| hsa-miR-4266 | 0.007 | 0.022 | 0.470 |
| hsa-miR-4653-5p | 0.004 | 0.018 | 0.470 |
| hsa-miR-4293 | 0.006 | 0.020 | 0.470 |
| hsa-miR-548e-3p | 0.006 | 0.019 | 0.470 |
| hsa-miR-7703 | 0.004 | 0.018 | 0.469 |
| hsa-miR-192-3p | 0.007 | 0.021 | 0.469 |
| hsa-miR-6746-3p | 0.006 | 0.020 | 0.468 |
| hsa-miR-135b-3p | 0.005 | 0.019 | 0.468 |
| hsa-miR-4276 | 0.008 | 0.023 | 0.467 |
| hsa-miR-6895-3p | 0.009 | 0.026 | 0.467 |
| hsa-miR-6854-3p | 0.006 | 0.020 | 0.467 |
| hsa-miR-548aw | 0.006 | 0.020 | 0.467 |
| hsa-miR-3191-3p | 0.006 | 0.019 | 0.467 |
| hsa-miR-589-3p | 0.008 | 0.023 | 0.467 |
| hsa-miR-5000-3p | 0.006 | 0.020 | 0.467 |
| hsa-miR-92a-1-5p | 0.007 | 0.022 | 0.466 |
| hsa-let-7a-3p | 0.006 | 0.019 | 0.466 |
| hsa-miR-379-3p | 0.009 | 0.026 | 0.466 |
| hsa-miR-2682-3p | 0.007 | 0.022 | 0.466 |
| hsa-miR-562 | 0.009 | 0.026 | 0.465 |
| hsa-miR-148b-5p | 0.006 | 0.020 | 0.465 |
| hsa-miR-6773-5p | 0.006 | 0.021 | 0.465 |
| hsa-miR-584-3p | 0.004 | 0.018 | 0.465 |
| hsa-miR-3074-5p | 0.007 | 0.021 | 0.464 |
| hsa-miR-500b-3p | 0.007 | 0.022 | 0.464 |
| hsa-miR-135a-5p | 0.007 | 0.023 | 0.464 |
| hsa-miR-4677-5p | 0.006 | 0.019 | 0.463 |
| hsa-miR-6734-3p | 0.008 | 0.023 | 0.463 |
| hsa-miR-4520-5p | 0.008 | 0.023 | 0.463 |
| hsa-miR-5000-5p | 0.002 | 0.018 | 0.463 |
| hsa-miR-649 | 0.007 | 0.022 | 0.463 |
| hsa-miR-4652-3p | 0.004 | 0.018 | 0.462 |
| hsa-miR-6818-5p | 0.004 | 0.018 | 0.462 |
| hsa-miR-5089-3p | 0.006 | 0.019 | 0.462 |
| hsa-miR-4520-3p | 0.008 | 0.023 | 0.462 |
| hsa-miR-4791 | 0.008 | 0.023 | 0.462 |
| hsa-miR-5680 | 0.008 | 0.024 | 0.462 |
| hsa-miR-7853-5p | 0.005 | 0.019 | 0.461 |
| hsa-miR-323a-5p | 0.005 | 0.018 | 0.461 |
| hsa-miR-7112-3p | 0.008 | 0.023 | 0.461 |
| hsa-miR-5691 | 0.005 | 0.019 | 0.461 |
| hsa-miR-3144-3p | 0.008 | 0.023 | 0.460 |
| hsa-miR-193a-5p | 0.010 | 0.027 | 0.460 |
| hsa-miR-551a | 0.007 | 0.022 | 0.460 |
| hsa-miR-4797-3p | 0.004 | 0.018 | 0.459 |
| hsa-miR-548az-5p | 0.010 | 0.027 | 0.459 |
| hsa-miR-541-3p | 0.006 | 0.020 | 0.458 |
| hsa-miR-548c-3p | 0.007 | 0.022 | 0.458 |
| hsa-miR-6834-5p | 0.004 | 0.018 | 0.458 |
| hsa-miR-4423-3p | 0.003 | 0.018 | 0.458 |
| hsa-miR-1287-3p | 0.003 | 0.018 | 0.458 |
| hsa-miR-371b-3p | 0.003 | 0.018 | 0.458 |
| hsa-miR-875-3p | 0.005 | 0.018 | 0.457 |
| hsa-miR-152-5p | 0.009 | 0.025 | 0.457 |
| hsa-miR-3200-3p | 0.005 | 0.018 | 0.457 |
| hsa-miR-4714-3p | 0.004 | 0.018 | 0.457 |
| hsa-miR-3689b-3p | 0.006 | 0.020 | 0.457 |
| hsa-miR-29a-5p | 0.007 | 0.021 | 0.456 |
| hsa-miR-7843-5p | 0.004 | 0.018 | 0.456 |
| hsa-miR-6788-3p | 0.006 | 0.020 | 0.456 |
| hsa-miR-4774-3p | 0.005 | 0.018 | 0.456 |
| hsa-miR-1251-3p | 0.007 | 0.022 | 0.456 |
| hsa-miR-5588-5p | 0.008 | 0.024 | 0.456 |
| hsa-miR-27b-5p | 0.006 | 0.019 | 0.455 |
| hsa-miR-676-5p | 0.005 | 0.018 | 0.455 |
| hsa-miR-6721-5p | 0.005 | 0.019 | 0.455 |
| hsa-miR-4309 | 0.005 | 0.019 | 0.455 |
| hsa-miR-6505-5p | 0.008 | 0.024 | 0.455 |
| hsa-miR-545-3p | 0.004 | 0.018 | 0.455 |
| hsa-miR-661 | 0.004 | 0.018 | 0.454 |
| hsa-miR-122-5p | 0.007 | 0.022 | 0.454 |
| hsa-miR-302e | 0.007 | 0.022 | 0.454 |
| hsa-miR-4273 | 0.003 | 0.018 | 0.454 |
| hsa-miR-147b | 0.007 | 0.022 | 0.453 |
| hsa-miR-3194-3p | 0.006 | 0.019 | 0.453 |
| hsa-miR-6506-5p | 0.008 | 0.024 | 0.452 |
| hsa-miR-506-5p | 0.003 | 0.018 | 0.452 |
| hsa-miR-4796-3p | 0.004 | 0.018 | 0.452 |
| hsa-miR-4426 | 0.006 | 0.020 | 0.452 |
| hsa-miR-3065-3p | 0.005 | 0.018 | 0.452 |
| hsa-miR-6764-3p | 0.005 | 0.018 | 0.452 |
| hsa-miR-615-5p | 0.005 | 0.018 | 0.452 |
| hsa-miR-222-5p | 0.004 | 0.018 | 0.452 |
| hsa-miR-548j-5p | 0.007 | 0.022 | 0.452 |
| hsa-miR-612 | 0.006 | 0.020 | 0.452 |
| hsa-miR-7158-5p | 0.004 | 0.018 | 0.451 |
| hsa-miR-6808-3p | 0.004 | 0.018 | 0.451 |
| hsa-miR-7154-3p | 0.003 | 0.018 | 0.451 |
| hsa-miR-2355-3p | 0.001 | 0.018 | 0.451 |
| hsa-miR-548ap-3p | 0.006 | 0.021 | 0.451 |
| hsa-miR-5088-3p | 0.003 | 0.018 | 0.451 |
| hsa-miR-3183 | 0.005 | 0.018 | 0.450 |
| hsa-miR-4445-3p | 0.006 | 0.019 | 0.450 |
| hsa-miR-548ar-5p | 0.006 | 0.020 | 0.450 |
| hsa-miR-6838-3p | 0.007 | 0.021 | 0.450 |
| hsa-miR-4708-3p | 0.006 | 0.020 | 0.449 |
| hsa-miR-4801 | 0.003 | 0.018 | 0.449 |
| hsa-miR-548ao-3p | 0.006 | 0.020 | 0.449 |
| hsa-miR-635 | 0.004 | 0.018 | 0.449 |
| hsa-miR-3939 | 0.003 | 0.018 | 0.449 |
| hsa-miR-6731-5p | 0.004 | 0.018 | 0.448 |
| hsa-miR-647 | 0.008 | 0.024 | 0.448 |
| hsa-miR-6832-5p | 0.005 | 0.019 | 0.448 |
| hsa-miR-548x-3p | 0.004 | 0.018 | 0.448 |
| hsa-miR-578 | 0.006 | 0.019 | 0.448 |
| hsa-miR-380-5p | 0.004 | 0.018 | 0.448 |
| hsa-miR-6853-3p | 0.005 | 0.019 | 0.448 |
| hsa-miR-3192-5p | 0.005 | 0.019 | 0.448 |
| hsa-miR-218-2-3p | 0.003 | 0.018 | 0.448 |
| hsa-miR-6715b-5p | 0.004 | 0.018 | 0.447 |
| hsa-miR-3116 | 0.006 | 0.020 | 0.447 |
| hsa-miR-6817-3p | 0.003 | 0.018 | 0.447 |
| hsa-miR-4278 | 0.004 | 0.018 | 0.447 |
| hsa-miR-5707 | 0.004 | 0.018 | 0.447 |
| hsa-miR-5587-3p | 0.006 | 0.020 | 0.446 |
| hsa-miR-146b-3p | 0.006 | 0.019 | 0.446 |
| hsa-miR-410-5p | 0.005 | 0.018 | 0.446 |
| hsa-miR-2115-5p | 0.004 | 0.018 | 0.446 |
| hsa-miR-412-3p | 0.005 | 0.019 | 0.446 |
| hsa-miR-514b-3p | 0.004 | 0.018 | 0.446 |
| hsa-miR-3144-5p | 0.005 | 0.019 | 0.446 |
| hsa-miR-548ap-5p | 0.006 | 0.019 | 0.446 |
| hsa-miR-7153-3p | 0.005 | 0.019 | 0.446 |
| hsa-miR-4277 | 0.003 | 0.018 | 0.446 |
| hsa-miR-3157-5p | 0.005 | 0.018 | 0.446 |
| hsa-miR-33b-5p | 0.007 | 0.021 | 0.445 |
| hsa-miR-548j-3p | 0.006 | 0.020 | 0.445 |
| hsa-miR-1206 | 0.007 | 0.022 | 0.445 |
| hsa-miR-1282 | 0.007 | 0.021 | 0.445 |
| hsa-miR-1468-3p | 0.004 | 0.018 | 0.445 |
| hsa-miR-3913-3p | 0.005 | 0.019 | 0.445 |
| hsa-miR-577 | 0.005 | 0.019 | 0.444 |
| hsa-miR-4782-3p | 0.006 | 0.020 | 0.444 |
| hsa-miR-488-3p | 0.010 | 0.027 | 0.444 |
| hsa-miR-5001-3p | 0.005 | 0.019 | 0.444 |
| hsa-miR-1197 | 0.003 | 0.018 | 0.444 |
| hsa-miR-6764-5p | 0.005 | 0.018 | 0.444 |
| hsa-miR-5004-3p | 0.004 | 0.018 | 0.444 |
| hsa-miR-604 | 0.003 | 0.018 | 0.444 |
| hsa-miR-3655 | 0.006 | 0.020 | 0.444 |
| hsa-miR-4683 | 0.003 | 0.018 | 0.444 |
| hsa-miR-1263 | 0.004 | 0.018 | 0.443 |
| hsa-miR-4482-5p | 0.004 | 0.018 | 0.443 |
| hsa-miR-593-5p | 0.004 | 0.018 | 0.443 |
| hsa-miR-571 | 0.006 | 0.021 | 0.443 |
| hsa-miR-4536-5p | 0.007 | 0.022 | 0.443 |
| hsa-miR-4677-3p | 0.005 | 0.019 | 0.442 |
| hsa-miR-3928-3p | 0.006 | 0.019 | 0.442 |
| hsa-miR-191-5p | 0.003 | 0.018 | 0.442 |
| hsa-miR-8058 | 0.005 | 0.019 | 0.442 |
| hsa-miR-4256 | 0.004 | 0.018 | 0.442 |
| hsa-miR-5004-5p | 0.004 | 0.018 | 0.442 |
| hsa-miR-1180-5p | 0.002 | 0.018 | 0.442 |
| hsa-miR-4301 | 0.005 | 0.018 | 0.442 |
| hsa-miR-6512-3p | 0.005 | 0.018 | 0.442 |
| hsa-miR-4691-3p | 0.005 | 0.018 | 0.441 |
| hsa-miR-548aj-3p | 0.006 | 0.020 | 0.441 |
| hsa-miR-3136-3p | 0.006 | 0.019 | 0.441 |
| hsa-miR-4742-3p | 0.004 | 0.018 | 0.441 |
| hsa-miR-4762-3p | 0.005 | 0.019 | 0.441 |
| hsa-miR-6853-5p | 0.003 | 0.018 | 0.441 |
| hsa-miR-586 | 0.006 | 0.021 | 0.441 |
| hsa-miR-4525 | 0.004 | 0.018 | 0.441 |
| hsa-miR-576-3p | 0.004 | 0.018 | 0.441 |
| hsa-miR-548i | 0.008 | 0.023 | 0.440 |
| hsa-miR-4650-3p | 0.004 | 0.018 | 0.440 |
| hsa-miR-3606-5p | 0.007 | 0.022 | 0.440 |
| hsa-miR-6811-3p | 0.005 | 0.018 | 0.440 |
| hsa-miR-3689d | 0.004 | 0.018 | 0.440 |
| hsa-miR-3136-5p | 0.004 | 0.018 | 0.440 |
| hsa-miR-3145-5p | 0.009 | 0.025 | 0.439 |
| hsa-miR-4302 | 0.004 | 0.018 | 0.439 |
| hsa-miR-554 | 0.004 | 0.018 | 0.439 |
| hsa-miR-1292-5p | 0.002 | 0.018 | 0.439 |
| hsa-miR-4474-3p | 0.004 | 0.018 | 0.439 |
| hsa-miR-524-3p | 0.004 | 0.018 | 0.439 |
| hsa-miR-8061 | 0.005 | 0.018 | 0.438 |
| hsa-miR-653-5p | 0.006 | 0.020 | 0.438 |
| hsa-miR-5591-5p | 0.005 | 0.018 | 0.438 |
| hsa-miR-5688 | 0.005 | 0.018 | 0.438 |
| hsa-miR-545-5p | 0.005 | 0.018 | 0.438 |
| hsa-miR-548aj-5p | 0.008 | 0.023 | 0.438 |
| hsa-miR-3180 | 0.004 | 0.018 | 0.438 |
| hsa-miR-122-3p | 0.003 | 0.018 | 0.438 |
| hsa-miR-218-1-3p | 0.004 | 0.018 | 0.438 |
| hsa-miR-6829-3p | 0.003 | 0.018 | 0.437 |
| hsa-miR-1322 | 0.005 | 0.019 | 0.437 |
| hsa-miR-4717-5p | 0.004 | 0.018 | 0.437 |
| hsa-miR-3184-5p | 0.004 | 0.018 | 0.437 |
| hsa-miR-8053 | 0.003 | 0.018 | 0.437 |
| hsa-miR-6783-5p | 0.005 | 0.018 | 0.437 |
| hsa-miR-6078 | 0.003 | 0.018 | 0.437 |
| hsa-miR-4795-5p | 0.005 | 0.018 | 0.436 |
| hsa-miR-188-3p | 0.004 | 0.018 | 0.436 |
| hsa-miR-1297 | 0.004 | 0.018 | 0.436 |
| hsa-miR-3120-5p | 0.005 | 0.018 | 0.436 |
| hsa-miR-6755-5p | 0.004 | 0.018 | 0.436 |
| hsa-miR-106a-3p | 0.006 | 0.020 | 0.436 |
| hsa-miR-4779 | 0.003 | 0.018 | 0.436 |
| hsa-miR-202-5p | 0.008 | 0.023 | 0.436 |
| hsa-miR-1304-5p | 0.005 | 0.018 | 0.436 |
| hsa-miR-6504-5p | 0.005 | 0.018 | 0.436 |
| hsa-miR-892c-3p | 0.003 | 0.018 | 0.436 |
| hsa-miR-4661-3p | 0.005 | 0.019 | 0.436 |
| hsa-miR-892a | 0.005 | 0.019 | 0.435 |
| hsa-miR-4693-5p | 0.006 | 0.019 | 0.435 |
| hsa-miR-520a-5p | 0.004 | 0.018 | 0.435 |
| hsa-miR-5694 | 0.003 | 0.018 | 0.435 |
| hsa-miR-3126-5p | 0.003 | 0.018 | 0.435 |
| hsa-miR-3166 | 0.003 | 0.018 | 0.435 |
| hsa-miR-5092 | 0.006 | 0.019 | 0.435 |
| hsa-miR-520h | 0.005 | 0.018 | 0.435 |
| hsa-miR-6888-3p | 0.004 | 0.018 | 0.435 |
| hsa-miR-4437 | 0.004 | 0.018 | 0.435 |
| hsa-miR-181b-3p | 0.005 | 0.019 | 0.434 |
| hsa-miR-548a-5p | 0.005 | 0.019 | 0.434 |
| hsa-miR-3910 | 0.005 | 0.019 | 0.434 |
| hsa-miR-4744 | 0.004 | 0.018 | 0.434 |
| hsa-miR-761 | 0.004 | 0.018 | 0.434 |
| hsa-miR-3689a-3p | 0.004 | 0.018 | 0.434 |
| hsa-miR-4756-5p | 0.004 | 0.018 | 0.434 |
| hsa-miR-892c-5p | 0.003 | 0.018 | 0.434 |
| hsa-miR-6514-5p | 0.004 | 0.018 | 0.434 |
| hsa-miR-3664-3p | 0.004 | 0.018 | 0.434 |
| hsa-miR-548at-5p | 0.005 | 0.019 | 0.434 |
| hsa-miR-514a-5p | 0.003 | 0.018 | 0.434 |
| hsa-miR-942-3p | 0.004 | 0.018 | 0.434 |
| hsa-miR-548au-5p | 0.006 | 0.020 | 0.434 |
| hsa-miR-4764-3p | 0.003 | 0.018 | 0.434 |
| hsa-miR-4521 | 0.004 | 0.018 | 0.434 |
| hsa-miR-4477b | 0.004 | 0.018 | 0.433 |
| hsa-miR-6811-5p | 0.004 | 0.018 | 0.433 |
| hsa-miR-4528 | 0.005 | 0.018 | 0.433 |
| hsa-miR-4724-3p | 0.005 | 0.018 | 0.433 |
| hsa-miR-548av-3p | 0.003 | 0.018 | 0.433 |
| hsa-miR-641 | 0.003 | 0.018 | 0.433 |
| hsa-miR-6876-3p | 0.005 | 0.018 | 0.433 |
| hsa-miR-301b-5p | 0.003 | 0.018 | 0.433 |
| hsa-miR-6781-3p | 0.005 | 0.018 | 0.433 |
| hsa-miR-4420 | 0.005 | 0.019 | 0.433 |
| hsa-miR-7705 | 0.004 | 0.018 | 0.433 |
| hsa-miR-7973 | 0.005 | 0.018 | 0.433 |
| hsa-miR-302d-5p | 0.004 | 0.018 | 0.432 |
| hsa-miR-4504 | 0.004 | 0.018 | 0.432 |
| hsa-miR-4524b-3p | 0.003 | 0.018 | 0.432 |
| hsa-miR-370-5p | 0.004 | 0.018 | 0.432 |
| hsa-miR-4772-3p | 0.004 | 0.018 | 0.432 |
| hsa-miR-6767-3p | 0.003 | 0.018 | 0.432 |
| hsa-miR-6715a-3p | 0.004 | 0.018 | 0.432 |
| hsa-miR-4699-5p | 0.004 | 0.018 | 0.432 |
| hsa-miR-4523 | 0.004 | 0.018 | 0.432 |
| hsa-miR-605-3p | 0.004 | 0.018 | 0.432 |
| hsa-miR-4733-3p | 0.004 | 0.018 | 0.431 |
| hsa-miR-216b-5p | 0.004 | 0.018 | 0.431 |
| hsa-miR-449b-5p | 0.005 | 0.018 | 0.431 |
| hsa-miR-4762-5p | 0.005 | 0.018 | 0.431 |
| hsa-miR-6768-3p | 0.002 | 0.018 | 0.431 |
| hsa-miR-4671-3p | 0.004 | 0.018 | 0.431 |
| hsa-miR-450a-1-3p | 0.004 | 0.018 | 0.431 |
| hsa-miR-3127-3p | 0.004 | 0.018 | 0.431 |
| hsa-miR-382-3p | 0.006 | 0.019 | 0.431 |
| hsa-miR-5692b | 0.005 | 0.018 | 0.431 |
| hsa-miR-8084 | 0.004 | 0.018 | 0.431 |
| hsa-miR-6878-5p | 0.004 | 0.018 | 0.430 |
| hsa-miR-5702 | 0.004 | 0.018 | 0.430 |
| hsa-miR-548av-5p | 0.004 | 0.018 | 0.430 |
| hsa-miR-329-5p | 0.003 | 0.018 | 0.430 |
| hsa-miR-146a-3p | 0.008 | 0.023 | 0.430 |
| hsa-miR-548f-3p | 0.004 | 0.018 | 0.430 |
| hsa-miR-217 | 0.004 | 0.018 | 0.430 |
| hsa-miR-488-5p | 0.004 | 0.018 | 0.430 |
| hsa-miR-4772-5p | 0.005 | 0.018 | 0.430 |
| hsa-miR-4799-5p | 0.004 | 0.018 | 0.430 |
| hsa-miR-499b-3p | 0.003 | 0.018 | 0.430 |
| hsa-miR-96-3p | 0.005 | 0.018 | 0.430 |
| hsa-miR-3919 | 0.004 | 0.018 | 0.430 |
| hsa-miR-3126-3p | 0.003 | 0.018 | 0.430 |
| hsa-miR-616-5p | 0.005 | 0.018 | 0.430 |
| hsa-miR-92a-2-5p | 0.004 | 0.018 | 0.430 |
| hsa-miR-5189-3p | 0.006 | 0.020 | 0.430 |
| hsa-miR-2681-3p | 0.005 | 0.018 | 0.430 |
| hsa-miR-548an | 0.006 | 0.019 | 0.430 |
| hsa-miR-2467-5p | 0.004 | 0.018 | 0.429 |
| hsa-miR-4686 | 0.003 | 0.018 | 0.429 |
| hsa-miR-6501-3p | 0.003 | 0.018 | 0.429 |
| hsa-miR-363-5p | 0.005 | 0.018 | 0.429 |
| hsa-miR-8068 | 0.005 | 0.018 | 0.429 |
| hsa-miR-3941 | 0.004 | 0.018 | 0.429 |
| hsa-miR-4693-3p | 0.006 | 0.019 | 0.429 |
| hsa-miR-523-3p | 0.003 | 0.018 | 0.429 |
| hsa-miR-4777-5p | 0.004 | 0.018 | 0.429 |
| hsa-miR-4727-5p | 0.005 | 0.018 | 0.429 |
| hsa-miR-668-5p | 0.002 | 0.018 | 0.429 |
| hsa-miR-3668 | 0.004 | 0.018 | 0.428 |
| hsa-miR-450a-2-3p | 0.004 | 0.018 | 0.428 |
| hsa-miR-383-3p | 0.003 | 0.018 | 0.428 |
| hsa-miR-6852-5p | 0.003 | 0.018 | 0.428 |
| hsa-miR-590-3p | 0.004 | 0.018 | 0.428 |
| hsa-miR-600 | 0.004 | 0.018 | 0.428 |
| hsa-miR-216a-5p | 0.002 | 0.018 | 0.428 |
| hsa-miR-4467 | 0.004 | 0.018 | 0.428 |
| hsa-miR-153-3p | 0.008 | 0.023 | 0.428 |
| hsa-miR-1912 | 0.004 | 0.018 | 0.427 |
| hsa-miR-4469 | 0.003 | 0.018 | 0.427 |
| hsa-miR-187-3p | 0.005 | 0.018 | 0.427 |
| hsa-miR-450b-3p | 0.006 | 0.020 | 0.427 |
| hsa-miR-4703-5p | 0.005 | 0.018 | 0.427 |
| hsa-miR-452-3p | 0.004 | 0.018 | 0.427 |
| hsa-miR-1255a | 0.004 | 0.018 | 0.427 |
| hsa-miR-6077 | 0.003 | 0.018 | 0.427 |
| hsa-miR-3936 | 0.004 | 0.018 | 0.427 |
| hsa-miR-8062 | 0.004 | 0.018 | 0.427 |
| hsa-miR-4729 | 0.003 | 0.018 | 0.427 |
| hsa-miR-890 | 0.002 | 0.018 | 0.427 |
| hsa-miR-708-3p | 0.003 | 0.018 | 0.427 |
| hsa-miR-1257 | 0.003 | 0.018 | 0.427 |
| hsa-miR-4778-3p | 0.004 | 0.018 | 0.427 |
| hsa-miR-4663 | 0.004 | 0.018 | 0.427 |
| hsa-miR-589-5p | 0.004 | 0.018 | 0.426 |
| hsa-miR-219a-1-3p | 0.004 | 0.018 | 0.426 |
| hsa-miR-3165 | 0.004 | 0.018 | 0.426 |
| hsa-miR-24-2-5p | 0.004 | 0.018 | 0.426 |
| hsa-miR-548al | 0.004 | 0.018 | 0.426 |
| hsa-miR-1231 | 0.004 | 0.018 | 0.426 |
| hsa-miR-548ar-3p | 0.004 | 0.018 | 0.426 |
| hsa-miR-548f-5p | 0.004 | 0.018 | 0.426 |
| hsa-miR-4684-5p | 0.003 | 0.018 | 0.426 |
| hsa-miR-1272 | 0.004 | 0.018 | 0.426 |
| hsa-miR-548n | 0.005 | 0.019 | 0.426 |
| hsa-miR-4637 | 0.003 | 0.018 | 0.426 |
| hsa-miR-1193 | 0.003 | 0.018 | 0.426 |
| hsa-miR-3168 | 0.004 | 0.018 | 0.426 |
| hsa-miR-581 | 0.005 | 0.019 | 0.426 |
| hsa-miR-3974 | 0.006 | 0.019 | 0.426 |
| hsa-miR-6128 | 0.004 | 0.018 | 0.426 |
| hsa-miR-323a-3p | 0.004 | 0.018 | 0.426 |
| hsa-miR-5586-3p | 0.004 | 0.018 | 0.425 |
| hsa-miR-4424 | 0.005 | 0.018 | 0.425 |
| hsa-miR-4752 | 0.004 | 0.018 | 0.425 |
| hsa-miR-4781-3p | 0.004 | 0.018 | 0.425 |
| hsa-miR-1178-5p | 0.004 | 0.018 | 0.425 |
| hsa-miR-5186 | 0.004 | 0.018 | 0.425 |
| hsa-miR-4745-3p | 0.003 | 0.018 | 0.425 |
| hsa-miR-6841-5p | 0.005 | 0.018 | 0.425 |
| hsa-miR-4735-5p | 0.004 | 0.018 | 0.425 |
| hsa-miR-302a-5p | 0.004 | 0.018 | 0.425 |
| hsa-miR-5695 | 0.004 | 0.018 | 0.425 |
| hsa-miR-4434 | 0.004 | 0.018 | 0.425 |
| hsa-miR-6835-5p | 0.003 | 0.018 | 0.425 |
| hsa-miR-3677-5p | 0.004 | 0.018 | 0.425 |
| hsa-miR-3142 | 0.004 | 0.018 | 0.425 |
| hsa-miR-6744-3p | 0.005 | 0.018 | 0.425 |
| hsa-miR-1293 | 0.002 | 0.018 | 0.424 |
| hsa-miR-4715-3p | 0.004 | 0.018 | 0.424 |
| hsa-miR-6513-5p | 0.003 | 0.018 | 0.424 |
| hsa-miR-4285 | 0.004 | 0.018 | 0.424 |
| hsa-miR-4464 | 0.004 | 0.018 | 0.424 |
| hsa-miR-1295b-5p | 0.005 | 0.018 | 0.424 |
| hsa-miR-497-3p | 0.004 | 0.018 | 0.424 |
| hsa-miR-5687 | 0.004 | 0.018 | 0.424 |
| hsa-miR-4264 | 0.003 | 0.018 | 0.424 |
| hsa-miR-8081 | 0.004 | 0.018 | 0.424 |
| hsa-miR-1205 | 0.003 | 0.018 | 0.424 |
| hsa-miR-555 | 0.002 | 0.018 | 0.424 |
| hsa-miR-3129-5p | 0.003 | 0.018 | 0.424 |
| hsa-miR-4711-3p | 0.004 | 0.018 | 0.424 |
| hsa-miR-5582-5p | 0.004 | 0.018 | 0.424 |
| hsa-miR-6842-3p | 0.003 | 0.018 | 0.424 |
| hsa-miR-5091 | 0.003 | 0.018 | 0.423 |
| hsa-miR-3611 | 0.004 | 0.018 | 0.423 |
| hsa-miR-3681-5p | 0.003 | 0.018 | 0.423 |
| hsa-miR-8076 | 0.004 | 0.018 | 0.423 |
| hsa-miR-29b-2-5p | 0.004 | 0.018 | 0.423 |
| hsa-miR-4491 | 0.004 | 0.018 | 0.423 |
| hsa-miR-1279 | 0.005 | 0.018 | 0.423 |
| hsa-miR-6742-5p | 0.003 | 0.018 | 0.423 |
| hsa-miR-6813-5p | 0.002 | 0.018 | 0.423 |
| hsa-miR-6843-3p | 0.003 | 0.018 | 0.423 |
| hsa-miR-92b-5p | 0.003 | 0.018 | 0.423 |
| hsa-miR-4742-5p | 0.003 | 0.018 | 0.423 |
| hsa-miR-3671 | 0.003 | 0.018 | 0.423 |
| hsa-miR-4781-5p | 0.003 | 0.018 | 0.423 |
| hsa-miR-433-5p | 0.003 | 0.018 | 0.422 |
| hsa-miR-6079 | 0.003 | 0.018 | 0.422 |
| hsa-miR-5590-3p | 0.004 | 0.018 | 0.422 |
| hsa-miR-182-3p | 0.003 | 0.018 | 0.422 |
| hsa-miR-133a-5p | 0.005 | 0.018 | 0.422 |
| hsa-miR-1908-5p | 0.003 | 0.018 | 0.422 |
| hsa-miR-6770-5p | 0.004 | 0.018 | 0.422 |
| hsa-miR-3927-3p | 0.004 | 0.018 | 0.422 |
| hsa-miR-651-5p | 0.004 | 0.018 | 0.422 |
| hsa-miR-4292 | 0.003 | 0.018 | 0.422 |
| hsa-miR-1245a | 0.007 | 0.022 | 0.422 |
| hsa-miR-3925-3p | 0.009 | 0.026 | 0.422 |
| hsa-miR-499a-3p | 0.004 | 0.018 | 0.422 |
| hsa-miR-548w | 0.005 | 0.019 | 0.422 |
| hsa-miR-153-5p | 0.007 | 0.021 | 0.422 |
| hsa-miR-181b-2-3p | 0.002 | 0.018 | 0.422 |
| hsa-miR-599 | 0.003 | 0.018 | 0.422 |
| hsa-miR-208a-3p | 0.003 | 0.018 | 0.421 |
| hsa-miR-3942-5p | 0.005 | 0.018 | 0.421 |
| hsa-miR-556-5p | 0.004 | 0.018 | 0.421 |
| hsa-miR-466 | 0.002 | 0.018 | 0.421 |
| hsa-miR-4724-5p | 0.003 | 0.018 | 0.421 |
| hsa-miR-3973 | 0.004 | 0.018 | 0.421 |
| hsa-miR-3688-5p | 0.002 | 0.018 | 0.421 |
| hsa-miR-646 | 0.002 | 0.018 | 0.421 |
| hsa-miR-7978 | 0.003 | 0.018 | 0.421 |
| hsa-miR-4751 | 0.003 | 0.018 | 0.421 |
| hsa-miR-5706 | 0.003 | 0.018 | 0.421 |
| hsa-miR-4649-5p | 0.003 | 0.018 | 0.421 |
| hsa-miR-100-3p | 0.004 | 0.018 | 0.421 |
| hsa-miR-922 | 0.003 | 0.018 | 0.420 |
| hsa-miR-302b-5p | 0.004 | 0.018 | 0.420 |
| hsa-miR-3691-5p | 0.003 | 0.018 | 0.420 |
| hsa-miR-4774-5p | 0.003 | 0.018 | 0.420 |
| hsa-miR-3909 | 0.003 | 0.018 | 0.420 |
| hsa-miR-569 | 0.003 | 0.018 | 0.420 |
| hsa-miR-512-5p | 0.003 | 0.018 | 0.420 |
| hsa-miR-4283 | 0.003 | 0.018 | 0.420 |
| hsa-miR-3201 | 0.003 | 0.018 | 0.420 |
| hsa-miR-4457 | 0.003 | 0.018 | 0.420 |
| hsa-miR-5693 | 0.004 | 0.018 | 0.420 |
| hsa-miR-549a | 0.004 | 0.018 | 0.420 |
| hsa-miR-223-5p | 0.003 | 0.018 | 0.420 |
| hsa-miR-4529-5p | 0.005 | 0.018 | 0.420 |
| hsa-miR-4760-5p | 0.003 | 0.018 | 0.419 |
| hsa-miR-496 | 0.003 | 0.018 | 0.419 |
| hsa-miR-6780a-3p | 0.006 | 0.020 | 0.419 |
| hsa-miR-4731-5p | 0.003 | 0.018 | 0.419 |
| hsa-miR-4704-5p | 0.003 | 0.018 | 0.419 |
| hsa-miR-660-3p | 0.003 | 0.018 | 0.419 |
| hsa-miR-3128 | 0.004 | 0.018 | 0.419 |
| hsa-miR-3914 | 0.003 | 0.018 | 0.419 |
| hsa-miR-369-3p | 0.004 | 0.018 | 0.419 |
| hsa-miR-2115-3p | 0.004 | 0.018 | 0.419 |
| hsa-miR-6866-5p | 0.002 | 0.018 | 0.419 |
| hsa-miR-5197-3p | 0.004 | 0.018 | 0.419 |
| hsa-miR-3686 | 0.003 | 0.018 | 0.419 |
| hsa-miR-3616-5p | 0.005 | 0.019 | 0.419 |
| hsa-miR-591 | 0.003 | 0.018 | 0.419 |
| hsa-miR-384 | 0.005 | 0.018 | 0.419 |
| hsa-miR-548t-5p | 0.004 | 0.018 | 0.419 |
| hsa-miR-620 | 0.003 | 0.018 | 0.419 |
| hsa-miR-4524a-3p | 0.006 | 0.020 | 0.419 |
| hsa-miR-2276-5p | 0.003 | 0.018 | 0.419 |
| hsa-miR-7706 | 0.001 | 0.018 | 0.419 |
| hsa-miR-4431 | 0.003 | 0.018 | 0.419 |
| hsa-miR-888-5p | 0.003 | 0.018 | 0.419 |
| hsa-miR-5002-5p | 0.003 | 0.018 | 0.419 |
| hsa-miR-4798-3p | 0.004 | 0.018 | 0.419 |
| hsa-miR-4537 | 0.003 | 0.018 | 0.418 |
| hsa-miR-5009-5p | 0.002 | 0.018 | 0.418 |
| hsa-miR-4794 | 0.003 | 0.018 | 0.418 |
| hsa-miR-1269a | 0.003 | 0.018 | 0.418 |
| hsa-miR-7158-3p | 0.004 | 0.018 | 0.418 |
| hsa-miR-3667-3p | 0.003 | 0.018 | 0.418 |
| hsa-miR-8065 | 0.004 | 0.018 | 0.418 |
| hsa-miR-1827 | 0.004 | 0.018 | 0.418 |
| hsa-miR-3591-5p | 0.004 | 0.018 | 0.418 |
| hsa-miR-1265 | 0.002 | 0.018 | 0.418 |
| hsa-miR-3157-3p | 0.004 | 0.018 | 0.418 |
| hsa-miR-5682 | 0.003 | 0.018 | 0.418 |
| hsa-miR-5579-5p | 0.003 | 0.018 | 0.418 |
| hsa-miR-548ax | 0.004 | 0.018 | 0.418 |
| hsa-miR-6842-5p | 0.003 | 0.018 | 0.418 |
| hsa-miR-6766-5p | 0.002 | 0.018 | 0.418 |
| hsa-miR-325 | 0.002 | 0.018 | 0.417 |
| hsa-miR-8067 | 0.004 | 0.018 | 0.417 |
| hsa-miR-1269b | 0.003 | 0.018 | 0.417 |
| hsa-miR-4495 | 0.003 | 0.018 | 0.417 |
| hsa-miR-3152-5p | 0.003 | 0.018 | 0.417 |
| hsa-miR-548l | 0.004 | 0.018 | 0.417 |
| hsa-miR-8057 | 0.002 | 0.018 | 0.417 |
| hsa-miR-4723-5p | 0.001 | 0.018 | 0.417 |
| hsa-miR-6806-3p | 0.004 | 0.018 | 0.417 |
| hsa-miR-941 | 0.003 | 0.018 | 0.417 |
| hsa-miR-4670-3p | 0.003 | 0.018 | 0.417 |
| hsa-miR-3167 | 0.003 | 0.018 | 0.417 |
| hsa-miR-6733-5p | 0.003 | 0.018 | 0.417 |
| hsa-miR-624-3p | 0.003 | 0.018 | 0.417 |
| hsa-miR-7160-3p | 0.002 | 0.018 | 0.417 |
| hsa-miR-4678 | 0.004 | 0.018 | 0.417 |
| hsa-miR-550b-3p | 0.003 | 0.018 | 0.417 |
| hsa-miR-548as-5p | 0.004 | 0.018 | 0.417 |
| hsa-miR-3683 | 0.003 | 0.018 | 0.417 |
| hsa-miR-558 | 0.003 | 0.018 | 0.416 |
| hsa-miR-3612 | 0.003 | 0.018 | 0.416 |
| hsa-miR-302d-3p | 0.003 | 0.018 | 0.416 |
| hsa-miR-219b-3p | 0.003 | 0.018 | 0.416 |
| hsa-miR-1298-5p | 0.003 | 0.018 | 0.416 |
| hsa-miR-6770-3p | 0.004 | 0.018 | 0.416 |
| hsa-miR-3908 | 0.002 | 0.018 | 0.416 |
| hsa-miR-376c-5p | 0.004 | 0.018 | 0.416 |
| hsa-miR-580-3p | 0.003 | 0.018 | 0.416 |
| hsa-miR-3140-3p | 0.003 | 0.018 | 0.415 |
| hsa-miR-3912-3p | 0.006 | 0.021 | 0.415 |
| hsa-miR-518e-3p | 0.004 | 0.018 | 0.415 |
| hsa-miR-4325 | 0.003 | 0.018 | 0.415 |
| hsa-miR-876-3p | 0.004 | 0.018 | 0.415 |
| hsa-miR-6882-3p | 0.004 | 0.018 | 0.415 |
| hsa-miR-4755-5p | 0.004 | 0.018 | 0.415 |
| hsa-miR-3134 | 0.004 | 0.018 | 0.415 |
| hsa-miR-3124-3p | 0.003 | 0.018 | 0.415 |
| hsa-miR-3942-3p | 0.004 | 0.018 | 0.415 |
| hsa-miR-124-5p | 0.003 | 0.018 | 0.415 |
| hsa-miR-2052 | 0.004 | 0.018 | 0.415 |
| hsa-miR-4500 | 0.003 | 0.018 | 0.415 |
| hsa-miR-216a-3p | 0.002 | 0.018 | 0.415 |
| hsa-miR-4690-3p | 0.003 | 0.018 | 0.415 |
| hsa-miR-3649 | 0.003 | 0.018 | 0.415 |
| hsa-miR-25-5p | 0.003 | 0.018 | 0.414 |
| hsa-miR-4633-3p | 0.003 | 0.018 | 0.414 |
| hsa-miR-3145-3p | 0.004 | 0.018 | 0.414 |
| hsa-miR-4804-5p | 0.003 | 0.018 | 0.414 |
| hsa-miR-548as-3p | 0.007 | 0.021 | 0.414 |
| hsa-miR-4438 | 0.003 | 0.018 | 0.414 |
| hsa-miR-4743-3p | 0.003 | 0.018 | 0.414 |
| hsa-miR-4490 | 0.003 | 0.018 | 0.414 |
| hsa-miR-190b | 0.004 | 0.018 | 0.414 |
| hsa-miR-4308 | 0.004 | 0.018 | 0.414 |
| hsa-miR-4797-5p | 0.003 | 0.018 | 0.414 |
| hsa-miR-3115 | 0.004 | 0.018 | 0.414 |
| hsa-miR-1283 | 0.003 | 0.018 | 0.414 |
| hsa-miR-4471 | 0.004 | 0.018 | 0.414 |
| hsa-miR-485-5p | 0.003 | 0.018 | 0.414 |
| hsa-miR-216b-3p | 0.003 | 0.018 | 0.414 |
| hsa-miR-548ad-3p | 0.004 | 0.018 | 0.413 |
| hsa-miR-4527 | 0.003 | 0.018 | 0.413 |
| hsa-miR-5009-3p | 0.004 | 0.018 | 0.413 |
| hsa-miR-4517 | 0.003 | 0.018 | 0.413 |
| hsa-miR-3133 | 0.006 | 0.020 | 0.413 |
| hsa-miR-3143 | 0.003 | 0.018 | 0.413 |
| hsa-miR-5692c | 0.002 | 0.018 | 0.413 |
| hsa-miR-5089-5p | 0.003 | 0.018 | 0.413 |
| hsa-miR-3169 | 0.003 | 0.018 | 0.413 |
| hsa-miR-1251-5p | 0.003 | 0.018 | 0.413 |
| hsa-miR-548ay-3p | 0.003 | 0.018 | 0.413 |
| hsa-miR-323b-3p | 0.003 | 0.018 | 0.413 |
| hsa-miR-4662a-3p | 0.003 | 0.018 | 0.413 |
| hsa-miR-5007-5p | 0.002 | 0.018 | 0.413 |
| hsa-miR-4803 | 0.003 | 0.018 | 0.413 |
| hsa-miR-4501 | 0.003 | 0.018 | 0.413 |
| hsa-miR-377-5p | 0.003 | 0.018 | 0.412 |
| hsa-miR-587 | 0.003 | 0.018 | 0.412 |
| hsa-miR-525-3p | 0.004 | 0.018 | 0.412 |
| hsa-miR-611 | 0.002 | 0.018 | 0.412 |
| hsa-miR-609 | 0.004 | 0.018 | 0.412 |
| hsa-miR-449c-5p | 0.003 | 0.018 | 0.412 |
| hsa-miR-6080 | 0.002 | 0.018 | 0.412 |
| hsa-miR-6883-3p | 0.004 | 0.018 | 0.412 |
| hsa-miR-548e-5p | 0.003 | 0.018 | 0.412 |
| hsa-miR-552-3p | 0.003 | 0.018 | 0.412 |
| hsa-miR-3692-3p | 0.004 | 0.018 | 0.412 |
| hsa-miR-3662 | 0.002 | 0.018 | 0.412 |
| hsa-miR-548ab | 0.005 | 0.019 | 0.411 |
| hsa-miR-4671-5p | 0.004 | 0.018 | 0.411 |
| hsa-miR-891a-3p | 0.003 | 0.018 | 0.411 |
| hsa-miR-4757-5p | 0.002 | 0.018 | 0.411 |
| hsa-miR-942-5p | 0.003 | 0.018 | 0.411 |
| hsa-miR-6840-5p | 0.002 | 0.018 | 0.411 |
| hsa-miR-4999-5p | 0.002 | 0.018 | 0.411 |
| hsa-miR-4272 | 0.003 | 0.018 | 0.411 |
| hsa-miR-4718 | 0.002 | 0.018 | 0.411 |
| hsa-miR-4802-5p | 0.003 | 0.018 | 0.411 |
| hsa-miR-3179 | 0.003 | 0.018 | 0.411 |
| hsa-miR-190a-3p | 0.004 | 0.018 | 0.411 |
| hsa-miR-105-3p | 0.003 | 0.018 | 0.411 |
| hsa-miR-3529-5p | 0.003 | 0.018 | 0.411 |
| hsa-miR-5582-3p | 0.003 | 0.018 | 0.411 |
| hsa-miR-499b-5p | 0.003 | 0.018 | 0.411 |
| hsa-miR-4795-3p | 0.005 | 0.019 | 0.411 |
| hsa-miR-548h-5p | 0.004 | 0.018 | 0.411 |
| hsa-miR-1277-3p | 0.005 | 0.019 | 0.411 |
| hsa-miR-376b-5p | 0.007 | 0.022 | 0.411 |
| hsa-miR-4477a | 0.003 | 0.018 | 0.411 |
| hsa-miR-585-3p | 0.002 | 0.018 | 0.411 |
| hsa-miR-5705 | 0.002 | 0.018 | 0.411 |
| hsa-miR-548ak | 0.005 | 0.018 | 0.411 |
| hsa-miR-520f-5p | 0.003 | 0.018 | 0.410 |
| hsa-miR-573 | 0.003 | 0.018 | 0.410 |
| hsa-miR-518e-5p | 0.003 | 0.018 | 0.410 |
| hsa-miR-203b-5p | 0.003 | 0.018 | 0.410 |
| hsa-miR-4789-3p | 0.003 | 0.018 | 0.410 |
| hsa-miR-6807-3p | 0.003 | 0.018 | 0.410 |
| hsa-miR-330-5p | 0.002 | 0.018 | 0.410 |
| hsa-miR-556-3p | 0.010 | 0.027 | 0.410 |
| hsa-miR-451b | 0.002 | 0.018 | 0.410 |
| hsa-miR-3123 | 0.003 | 0.018 | 0.410 |
| hsa-miR-6733-3p | 0.003 | 0.018 | 0.410 |
| hsa-miR-8056 | 0.004 | 0.018 | 0.410 |
| hsa-miR-920 | 0.002 | 0.018 | 0.410 |
| hsa-miR-802 | 0.005 | 0.018 | 0.410 |
| hsa-miR-621 | 0.003 | 0.018 | 0.409 |
| hsa-miR-3153 | 0.003 | 0.018 | 0.409 |
| hsa-miR-653-3p | 0.005 | 0.018 | 0.409 |
| hsa-miR-5697 | 0.003 | 0.018 | 0.409 |
| hsa-miR-520g-5p | 0.003 | 0.018 | 0.409 |
| hsa-miR-4668-3p | 0.004 | 0.018 | 0.409 |
| hsa-miR-548h-3p | 0.005 | 0.018 | 0.409 |
| hsa-miR-1245b-3p | 0.003 | 0.018 | 0.409 |
| hsa-miR-4765 | 0.004 | 0.018 | 0.408 |
| hsa-miR-1252-5p | 0.002 | 0.018 | 0.408 |
| hsa-miR-297 | 0.002 | 0.018 | 0.408 |
| hsa-miR-548ah-5p | 0.005 | 0.019 | 0.408 |
| hsa-miR-7153-5p | 0.001 | 0.018 | 0.408 |
| hsa-miR-559 | 0.002 | 0.018 | 0.408 |
| hsa-miR-4670-5p | 0.003 | 0.018 | 0.408 |
| hsa-miR-607 | 0.005 | 0.018 | 0.408 |
| hsa-miR-95-5p | 0.004 | 0.018 | 0.408 |
| hsa-miR-3657 | 0.005 | 0.019 | 0.408 |
| hsa-miR-1271-3p | 0.002 | 0.018 | 0.407 |
| hsa-miR-4759 | 0.003 | 0.018 | 0.407 |
| hsa-miR-511-5p | 0.002 | 0.018 | 0.407 |
| hsa-miR-4432 | 0.003 | 0.018 | 0.407 |
| hsa-miR-606 | 0.002 | 0.018 | 0.407 |
| hsa-miR-1302 | 0.004 | 0.018 | 0.407 |
| hsa-miR-6499-5p | 0.002 | 0.018 | 0.407 |
| hsa-miR-4503 | 0.004 | 0.018 | 0.407 |
| hsa-miR-1262 | 0.003 | 0.018 | 0.407 |
| hsa-miR-518f-3p | 0.001 | 0.018 | 0.407 |
| hsa-miR-4790-3p | 0.003 | 0.018 | 0.407 |
| hsa-miR-19a-5p | 0.003 | 0.018 | 0.407 |
| hsa-miR-1468-5p | 0.004 | 0.018 | 0.406 |
| hsa-miR-544b | 0.004 | 0.018 | 0.406 |
| hsa-miR-588 | 0.002 | 0.018 | 0.406 |
| hsa-miR-4474-5p | 0.003 | 0.018 | 0.406 |
| hsa-miR-4720-3p | 0.003 | 0.018 | 0.406 |
| hsa-miR-561-3p | 0.002 | 0.018 | 0.406 |
| hsa-miR-548at-3p | 0.003 | 0.018 | 0.406 |
| hsa-miR-302f | 0.004 | 0.018 | 0.406 |
| hsa-miR-519d-5p | 0.003 | 0.018 | 0.406 |
| hsa-miR-873-3p | 0.001 | 0.018 | 0.406 |
| hsa-miR-6854-5p | 0.002 | 0.018 | 0.406 |
| hsa-miR-759 | 0.003 | 0.018 | 0.406 |
| hsa-miR-1289 | 0.002 | 0.018 | 0.405 |
| hsa-miR-4645-5p | 0.003 | 0.018 | 0.405 |
| hsa-miR-8086 | 0.002 | 0.018 | 0.405 |
| hsa-miR-1537-3p | 0.002 | 0.018 | 0.405 |
| hsa-miR-579-3p | 0.003 | 0.018 | 0.405 |
| hsa-miR-4790-5p | 0.004 | 0.018 | 0.405 |
| hsa-miR-3117-5p | 0.002 | 0.018 | 0.405 |
| hsa-miR-3156-3p | 0.002 | 0.018 | 0.405 |
| hsa-miR-548k | 0.002 | 0.018 | 0.405 |
| hsa-miR-450b-5p | 0.003 | 0.018 | 0.405 |
| hsa-miR-3139 | 0.003 | 0.018 | 0.405 |
| hsa-miR-4662b | 0.003 | 0.018 | 0.405 |
| hsa-miR-6888-5p | 0.002 | 0.018 | 0.404 |
| hsa-miR-7154-5p | 0.002 | 0.018 | 0.404 |
| hsa-miR-4692 | 0.002 | 0.018 | 0.404 |
| hsa-miR-302b-3p | 0.002 | 0.018 | 0.404 |
| hsa-miR-200c-5p | 0.003 | 0.018 | 0.404 |
| hsa-miR-203b-3p | 0.002 | 0.018 | 0.404 |
| hsa-miR-4679 | 0.004 | 0.018 | 0.404 |
| hsa-miR-4480 | 0.003 | 0.018 | 0.404 |
| hsa-miR-4659b-5p | 0.002 | 0.018 | 0.404 |
| hsa-miR-323b-5p | 0.002 | 0.018 | 0.403 |
| hsa-miR-4659a-5p | 0.002 | 0.018 | 0.403 |
| hsa-miR-3618 | 0.002 | 0.018 | 0.403 |
| hsa-miR-4460 | 0.003 | 0.018 | 0.403 |
| hsa-miR-643 | 0.003 | 0.018 | 0.403 |
| hsa-miR-655-3p | 0.002 | 0.018 | 0.403 |
| hsa-miR-3175 | 0.003 | 0.018 | 0.403 |
| hsa-miR-3690 | 0.002 | 0.018 | 0.403 |
| hsa-miR-6755-3p | 0.007 | 0.021 | 0.403 |
| hsa-miR-876-5p | 0.003 | 0.018 | 0.403 |
| hsa-miR-4662a-5p | 0.003 | 0.018 | 0.403 |
| hsa-miR-27a-5p | 0.002 | 0.018 | 0.402 |
| hsa-miR-4680-3p | 0.002 | 0.018 | 0.402 |
| hsa-miR-3199 | 0.004 | 0.018 | 0.402 |
| hsa-miR-4652-5p | 0.003 | 0.018 | 0.402 |
| hsa-miR-2682-5p | 0.002 | 0.018 | 0.402 |
| hsa-miR-155-3p | 0.003 | 0.018 | 0.402 |
| hsa-miR-3664-5p | 0.003 | 0.018 | 0.402 |
| hsa-miR-372-3p | 0.002 | 0.018 | 0.402 |
| hsa-miR-4696 | 0.003 | 0.018 | 0.401 |
| hsa-miR-4643 | 0.004 | 0.018 | 0.401 |
| hsa-miR-4782-5p | 0.003 | 0.018 | 0.401 |
| hsa-miR-3920 | 0.003 | 0.018 | 0.401 |
| hsa-miR-5580-5p | 0.002 | 0.018 | 0.401 |
| hsa-miR-5583-3p | 0.003 | 0.018 | 0.401 |
| hsa-miR-644a | 0.002 | 0.018 | 0.401 |
| hsa-miR-8066 | 0.004 | 0.018 | 0.401 |
| hsa-miR-624-5p | 0.002 | 0.018 | 0.401 |
| hsa-miR-7159-3p | 0.003 | 0.018 | 0.401 |
| hsa-miR-767-5p | 0.001 | 0.018 | 0.401 |
| hsa-miR-4445-5p | 0.005 | 0.018 | 0.401 |
| hsa-miR-5197-5p | 0.002 | 0.018 | 0.401 |
| hsa-miR-5007-3p | 0.003 | 0.018 | 0.401 |
| hsa-miR-1273a | 0.002 | 0.018 | 0.400 |
| hsa-miR-568 | 0.002 | 0.018 | 0.400 |
| hsa-miR-6837-3p | 0.003 | 0.018 | 0.400 |
| hsa-miR-4540 | 0.001 | 0.018 | 0.400 |
| hsa-miR-548s | 0.003 | 0.018 | 0.400 |
| hsa-miR-4766-3p | 0.003 | 0.018 | 0.399 |
| hsa-miR-4666a-3p | 0.003 | 0.018 | 0.399 |
| hsa-miR-3675-5p | 0.003 | 0.018 | 0.399 |
| hsa-miR-4452 | 0.003 | 0.018 | 0.399 |
| hsa-miR-3929 | 0.002 | 0.018 | 0.399 |
| hsa-miR-2053 | 0.005 | 0.018 | 0.399 |
| hsa-miR-670-3p | 0.001 | 0.018 | 0.399 |
| hsa-miR-4509 | 0.002 | 0.018 | 0.399 |
| hsa-miR-552-5p | 0.002 | 0.018 | 0.399 |
| hsa-miR-548p | 0.002 | 0.018 | 0.399 |
| hsa-miR-208b-3p | 0.003 | 0.018 | 0.398 |
| hsa-miR-651-3p | 0.003 | 0.018 | 0.398 |
| hsa-miR-380-3p | 0.003 | 0.018 | 0.398 |
| hsa-miR-302a-3p | 0.001 | 0.018 | 0.397 |
| hsa-miR-105-5p | 0.002 | 0.018 | 0.397 |
| hsa-miR-1278 | 0.003 | 0.018 | 0.397 |
| hsa-miR-4798-5p | 0.002 | 0.018 | 0.397 |
| hsa-miR-4775 | 0.006 | 0.019 | 0.397 |
| hsa-miR-7852-3p | 0.003 | 0.018 | 0.397 |
| hsa-miR-7112-5p | 0.002 | 0.018 | 0.397 |
| hsa-miR-3672 | 0.005 | 0.019 | 0.397 |
| hsa-miR-548a-3p | 0.003 | 0.018 | 0.397 |
| hsa-miR-7156-5p | 0.002 | 0.018 | 0.397 |
| hsa-miR-553 | 0.002 | 0.018 | 0.396 |
| hsa-miR-374a-3p | 0.003 | 0.018 | 0.396 |
| hsa-miR-548ba | 0.004 | 0.018 | 0.396 |
| hsa-miR-448 | 0.004 | 0.018 | 0.396 |
| hsa-miR-4799-3p | 0.002 | 0.018 | 0.395 |
| hsa-miR-4999-3p | 0.001 | 0.018 | 0.395 |
| hsa-miR-1179 | 0.002 | 0.018 | 0.395 |
| hsa-miR-4704-3p | 0.003 | 0.018 | 0.395 |
| hsa-miR-4777-3p | 0.004 | 0.018 | 0.394 |
| hsa-miR-367-3p | 0.001 | 0.018 | 0.394 |
| hsa-miR-2114-5p | 0.002 | 0.018 | 0.393 |
| hsa-miR-3140-5p | 0.003 | 0.018 | 0.393 |
| hsa-miR-3606-3p | 0.002 | 0.018 | 0.393 |
| hsa-miR-626 | 0.002 | 0.018 | 0.393 |
| hsa-miR-548g-3p | 0.003 | 0.018 | 0.393 |
| hsa-miR-203a-5p | 0.002 | 0.018 | 0.393 |
| hsa-miR-374c-3p | 0.002 | 0.018 | 0.392 |
| hsa-miR-19b-2-5p | 0.004 | 0.018 | 0.392 |
| hsa-miR-412-5p | 0.003 | 0.018 | 0.392 |
| hsa-miR-6502-3p | 0.002 | 0.018 | 0.392 |
| hsa-miR-4473 | 0.003 | 0.018 | 0.391 |
| hsa-miR-539-3p | 0.004 | 0.018 | 0.391 |
| hsa-miR-519b-3p | 0.003 | 0.018 | 0.391 |
| hsa-miR-3670 | 0.003 | 0.018 | 0.391 |
| hsa-miR-4768-5p | 0.002 | 0.018 | 0.391 |
| hsa-miR-4789-5p | 0.002 | 0.018 | 0.391 |
| hsa-miR-4735-3p | 0.003 | 0.018 | 0.391 |
| hsa-miR-4712-5p | 0.003 | 0.018 | 0.390 |
| hsa-miR-3118 | 0.003 | 0.018 | 0.390 |
| hsa-miR-1324 | 0.003 | 0.018 | 0.390 |
| hsa-miR-329-3p | 0.003 | 0.018 | 0.389 |
| hsa-miR-515-5p | 0.002 | 0.018 | 0.389 |
| hsa-miR-3916 | 0.002 | 0.018 | 0.389 |
| hsa-miR-2909 | 0.004 | 0.018 | 0.389 |
| hsa-miR-544a | 0.003 | 0.018 | 0.389 |
| hsa-miR-518c-3p | 0.003 | 0.018 | 0.389 |
| hsa-miR-367-5p | 0.003 | 0.018 | 0.389 |
| hsa-miR-4632-3p | 0.003 | 0.018 | 0.389 |
| hsa-miR-891b | 0.004 | 0.018 | 0.388 |
| hsa-miR-6508-3p | 0.002 | 0.018 | 0.388 |
| hsa-miR-580-5p | 0.002 | 0.018 | 0.388 |
| hsa-miR-3171 | 0.004 | 0.018 | 0.388 |
| hsa-miR-3119 | 0.002 | 0.018 | 0.388 |
| hsa-miR-215-3p | 0.002 | 0.018 | 0.388 |
| hsa-miR-4757-3p | 0.001 | 0.018 | 0.387 |
| hsa-miR-374b-3p | 0.002 | 0.018 | 0.387 |
| hsa-miR-548ao-5p | 0.002 | 0.018 | 0.387 |
| hsa-miR-548m | 0.002 | 0.018 | 0.387 |
| hsa-miR-3613-5p | 0.005 | 0.019 | 0.387 |
| hsa-miR-4680-5p | 0.002 | 0.018 | 0.386 |
| hsa-miR-3661 | 0.001 | 0.018 | 0.386 |
| hsa-miR-4738-5p | 0.003 | 0.018 | 0.386 |
| hsa-miR-519c-3p | 0.005 | 0.018 | 0.386 |
| hsa-miR-5087 | 0.002 | 0.018 | 0.385 |
| hsa-miR-2355-5p | 0.001 | 0.018 | 0.385 |
| hsa-miR-1256 | 0.002 | 0.018 | 0.385 |
| hsa-miR-888-3p | 0.002 | 0.018 | 0.385 |
| hsa-miR-3912-5p | 0.002 | 0.018 | 0.384 |
| hsa-miR-1537-5p | 0.004 | 0.018 | 0.384 |
| hsa-miR-4295 | 0.002 | 0.018 | 0.384 |
| hsa-miR-3680-5p | 0.003 | 0.018 | 0.384 |
| hsa-miR-3913-5p | 0.002 | 0.018 | 0.383 |
| hsa-miR-1245b-5p | 0.002 | 0.018 | 0.383 |
| hsa-miR-3614-3p | 0.003 | 0.018 | 0.382 |
| hsa-miR-4720-5p | 0.002 | 0.018 | 0.382 |
| hsa-miR-3977 | 0.005 | 0.019 | 0.381 |
| hsa-miR-5011-3p | 0.003 | 0.018 | 0.381 |
| hsa-miR-627-3p | 0.003 | 0.018 | 0.380 |
| hsa-miR-7162-5p | 0.002 | 0.018 | 0.379 |
| hsa-miR-548am-3p | 0.002 | 0.018 | 0.379 |
| hsa-miR-5590-5p | 0.002 | 0.018 | 0.378 |
| hsa-miR-6816-5p | 0.003 | 0.018 | 0.378 |
| hsa-miR-603 | 0.002 | 0.018 | 0.376 |
| hsa-miR-548ac | 0.002 | 0.018 | 0.373 |
| hsa-miR-5579-3p | 0.003 | 0.018 | 0.371 |
| hsa-miR-301b-3p | 0.009 | 0.025 | 0.370 |
| hsa-miR-4705 | 0.001 | 0.018 | 0.370 |
| hsa-miR-633 | 0.001 | 0.018 | 0.370 |
| hsa-miR-23b-5p | 0.005 | 0.018 | 0.370 |
| hsa-miR-1252-3p | 0.003 | 0.018 | 0.368 |
| hsa-miR-8485 | 0.006 | 0.020 | 0.366 |
| hsa-miR-208b-5p | 0.005 | 0.019 | 0.365 |
| hsa-miR-26a-2-3p | 0.002 | 0.018 | 0.365 |
| hsa-miR-522-3p | 0.001 | 0.018 | 0.363 |
| hsa-miR-6844 | 0.001 | 0.018 | 0.363 |
| hsa-miR-889-3p | 0.004 | 0.018 | 0.362 |
| hsa-miR-3152-3p | 0.002 | 0.018 | 0.350 |
| hsa-miR-517a-3p | 0.001 | 0.018 | 0.344 |
| hsa-miR-503-5p | 0.003 | 0.018 | 0.329 |
| hsa-miR-517c-3p | 0.001 | 0.018 | 0.314 |
| hsa-miR-29b-1-5p | 0.001 | 0.018 | 0.307 |
| hsa-miR-455-5p | 0.009 | 0.026 | 0.294 |
| hsa-miR-424-5p | 0.006 | 0.020 | 0.292 |
| hsa-miR-24-1-5p | 0.006 | 0.020 | 0.291 |
| hsa-miR-22-5p | 0.007 | 0.022 | 0.281 |
| hsa-miR-3182 | 0.000 | 0.018 | 0.281 |
| hsa-miR-1260b | 0.001 | 0.018 | 0.263 |
| hsa-miR-1260a | 0.003 | 0.018 | 0.258 |
| hsa-miR-455-3p | 0.002 | 0.018 | 0.154 |

|  |  |  |  |
| --- | --- | --- | --- |
| Systematic name | p-value | q-value | Fold change |
| hsa-miR-4512 | 0.039 | 0.238 | 5.115 |
| hsa-miR-6760-5p | 0.031 | 0.238 | 3.463 |
| hsa-miR-3074-3p | 0.024 | 0.238 | 3.284 |
| hsa-miR-6850-3p | 0.010 | 0.238 | 2.784 |
| hsa-miR-4785 | 0.047 | 0.238 | 2.738 |
| hsa-miR-137 | 0.041 | 0.238 | 2.709 |
| hsa-miR-4726-3p | 0.031 | 0.238 | 2.614 |
| hsa-miR-6815-3p | 0.031 | 0.238 | 2.603 |
| **hsa-miR-105-5p** | **0.010** | **0.238** | **2.601** |
| hsa-miR-6885-5p | 0.017 | 0.238 | 2.490 |
| hsa-miR-3124-5p | 0.044 | 0.238 | 2.470 |
| hsa-miR-1343-3p | 0.041 | 0.238 | 2.420 |
| hsa-miR-522-3p | 0.048 | 0.238 | 2.401 |
| hsa-miR-5009-5p | 0.015 | 0.238 | 2.378 |
| hsa-miR-6747-3p | 0.041 | 0.238 | 2.287 |
| hsa-miR-218-2-3p | 0.031 | 0.238 | 2.275 |
| hsa-miR-6514-3p | 0.019 | 0.238 | 2.271 |
| hsa-miR-6729-3p | 0.032 | 0.238 | 2.262 |
| hsa-miR-138-5p | 0.017 | 0.238 | 2.260 |
| hsa-miR-548au-3p | 0.031 | 0.238 | 2.222 |
| hsa-miR-2115-3p | 0.045 | 0.238 | 2.220 |
| hsa-miR-888-3p | 0.036 | 0.238 | 2.215 |
| hsa-miR-5583-3p | 0.038 | 0.238 | 2.204 |
| hsa-miR-376a-2-5p | 0.042 | 0.238 | 2.202 |
| hsa-miR-4720-5p | 0.034 | 0.238 | 2.199 |
| hsa-miR-6761-3p | 0.016 | 0.238 | 2.196 |
| hsa-miR-6499-3p | 0.048 | 0.238 | 2.193 |
| hsa-miR-935 | 0.033 | 0.238 | 2.177 |
| hsa-miR-18a-3p | 0.042 | 0.238 | 2.176 |
| hsa-miR-548ac | 0.043 | 0.238 | 2.172 |
| hsa-miR-7159-3p | 0.039 | 0.238 | 2.169 |
| hsa-miR-548a-3p | 0.045 | 0.238 | 2.168 |
| hsa-miR-4680-5p | 0.038 | 0.238 | 2.165 |
| hsa-miR-4635 | 0.034 | 0.238 | 2.165 |
| hsa-miR-6816-5p | 0.043 | 0.238 | 2.162 |
| hsa-miR-6772-3p | 0.024 | 0.238 | 2.154 |
| hsa-miR-184 | 0.003 | 0.238 | 2.145 |
| hsa-miR-488-3p | 0.048 | 0.238 | 2.145 |
| hsa-miR-4786-3p | 0.028 | 0.238 | 2.130 |
| hsa-miR-942-5p | 0.032 | 0.238 | 2.122 |
| hsa-miR-185-3p | 0.040 | 0.238 | 2.117 |
| hsa-miR-563 | 0.018 | 0.238 | 2.117 |
| hsa-miR-5582-3p | 0.041 | 0.238 | 2.115 |
| hsa-miR-548ai | 0.031 | 0.238 | 2.114 |
| hsa-miR-7107-3p | 0.036 | 0.238 | 2.114 |
| hsa-miR-518e-5p | 0.030 | 0.238 | 2.110 |
| hsa-miR-4649-5p | 0.038 | 0.238 | 2.109 |
| hsa-miR-4652-3p | 0.018 | 0.238 | 2.108 |
| hsa-miR-6512-3p | 0.037 | 0.238 | 2.098 |
| hsa-miR-6502-3p | 0.045 | 0.238 | 2.092 |
| hsa-miR-6789-3p | 0.029 | 0.238 | 2.090 |
| hsa-miR-8070 | 0.043 | 0.238 | 2.083 |
| hsa-miR-367-3p | 0.042 | 0.238 | 2.078 |
| hsa-miR-548m | 0.045 | 0.238 | 2.077 |
| hsa-miR-767-5p | 0.039 | 0.238 | 2.067 |
| hsa-miR-6883-3p | 0.045 | 0.238 | 2.063 |
| hsa-miR-6505-5p | 0.047 | 0.238 | 2.063 |
| hsa-miR-433-5p | 0.043 | 0.238 | 2.060 |
| hsa-miR-4477b | 0.046 | 0.238 | 2.056 |
| hsa-miR-4540 | 0.050 | 0.238 | 2.053 |
| hsa-miR-8057 | 0.043 | 0.238 | 2.048 |
| hsa-miR-6080 | 0.046 | 0.238 | 2.047 |
| hsa-miR-520f-5p | 0.039 | 0.238 | 2.044 |
| hsa-miR-216a-3p | 0.047 | 0.238 | 2.043 |
| hsa-miR-6508-3p | 0.039 | 0.238 | 2.041 |
| hsa-miR-4705 | 0.050 | 0.238 | 2.040 |
| hsa-miR-568 | 0.036 | 0.238 | 2.040 |
| hsa-miR-450a-2-3p | 0.043 | 0.238 | 2.039 |
| hsa-miR-499b-3p | 0.046 | 0.238 | 2.034 |
| hsa-miR-6750-5p | 0.033 | 0.238 | 2.032 |
| hsa-miR-4718 | 0.045 | 0.238 | 2.031 |
| hsa-miR-526b-5p | 0.024 | 0.238 | 2.031 |
| hsa-miR-518d-3p | 0.048 | 0.238 | 2.028 |
| hsa-miR-4653-5p | 0.043 | 0.238 | 2.027 |
| hsa-miR-4666a-5p | 0.038 | 0.238 | 2.021 |
| hsa-miR-8086 | 0.047 | 0.238 | 2.019 |
| hsa-miR-92a-2-5p | 0.044 | 0.238 | 2.017 |
| hsa-miR-6844 | 0.045 | 0.238 | 2.017 |
| hsa-miR-561-5p | 0.038 | 0.238 | 2.016 |
| hsa-miR-943 | 0.040 | 0.238 | 2.016 |
| hsa-miR-4640-3p | 0.039 | 0.238 | 2.015 |
| hsa-miR-2276-5p | 0.049 | 0.238 | 2.014 |
| hsa-miR-668-5p | 0.041 | 0.238 | 2.010 |
| hsa-miR-1245b-5p | 0.043 | 0.238 | 2.009 |
| hsa-miR-6883-5p | 0.047 | 0.238 | 2.009 |
| hsa-miR-7153-5p | 0.035 | 0.238 | 2.009 |
| hsa-miR-8083 | 0.046 | 0.238 | 2.008 |
| hsa-miR-920 | 0.046 | 0.238 | 2.007 |
| hsa-miR-3674 | 0.024 | 0.238 | 2.004 |
| hsa-miR-29b-2-5p | 0.045 | 0.238 | 2.003 |
| hsa-miR-6759-3p | 0.048 | 0.238 | 2.002 |
| hsa-miR-548b-5p | 0.050 | 0.238 | 1.999 |
| hsa-miR-6835-3p | 0.049 | 0.238 | 1.997 |
| hsa-miR-520d-3p | 0.033 | 0.238 | 1.996 |
| hsa-miR-4310 | 0.034 | 0.238 | 1.995 |
| hsa-miR-6804-3p | 0.037 | 0.238 | 1.995 |
| hsa-miR-6888-5p | 0.045 | 0.238 | 1.995 |
| hsa-miR-6768-3p | 0.038 | 0.238 | 1.995 |
| hsa-miR-6767-3p | 0.047 | 0.238 | 1.993 |
| hsa-miR-1204 | 0.041 | 0.238 | 1.990 |
| hsa-miR-4999-3p | 0.048 | 0.238 | 1.987 |
| hsa-miR-4265 | 0.036 | 0.238 | 1.984 |
| hsa-miR-4761-3p | 0.047 | 0.238 | 1.982 |
| hsa-miR-6776-3p | 0.039 | 0.238 | 1.978 |
| hsa-miR-584-3p | 0.039 | 0.238 | 1.976 |
| hsa-miR-559 | 0.046 | 0.238 | 1.971 |
| hsa-miR-4659a-5p | 0.045 | 0.238 | 1.971 |
| hsa-miR-6891-3p | 0.040 | 0.238 | 1.971 |
| hsa-miR-6749-3p | 0.039 | 0.238 | 1.970 |
| hsa-miR-1304-3p | 0.034 | 0.238 | 1.970 |
| hsa-miR-3151-5p | 0.030 | 0.238 | 1.969 |
| hsa-miR-2116-3p | 0.031 | 0.238 | 1.969 |
| hsa-miR-6728-3p | 0.023 | 0.238 | 1.968 |
| hsa-miR-5699-3p | 0.043 | 0.238 | 1.968 |
| hsa-miR-1271-3p | 0.048 | 0.238 | 1.965 |
| hsa-miR-626 | 0.048 | 0.238 | 1.964 |
| hsa-miR-3529-3p | 0.048 | 0.238 | 1.961 |
| hsa-miR-7158-5p | 0.036 | 0.238 | 1.960 |
| hsa-miR-4723-5p | 0.043 | 0.238 | 1.960 |
| hsa-miR-708-3p | 0.050 | 0.238 | 1.958 |
| hsa-miR-1825 | 0.046 | 0.238 | 1.957 |
| hsa-miR-6838-5p | 0.043 | 0.238 | 1.952 |
| hsa-miR-6818-5p | 0.044 | 0.238 | 1.951 |
| hsa-miR-1253 | 0.045 | 0.238 | 1.951 |
| hsa-miR-567 | 0.040 | 0.238 | 1.950 |
| hsa-miR-7152-5p | 0.021 | 0.238 | 1.946 |
| hsa-miR-4692 | 0.049 | 0.238 | 1.942 |
| hsa-miR-6732-3p | 0.024 | 0.238 | 1.937 |
| hsa-miR-6851-3p | 0.035 | 0.238 | 1.934 |
| hsa-miR-23c | 0.029 | 0.238 | 1.931 |
| hsa-miR-106b-3p | 0.046 | 0.238 | 1.927 |
| hsa-miR-4666b | 0.032 | 0.238 | 1.923 |
| hsa-miR-5006-3p | 0.028 | 0.238 | 1.920 |
| hsa-miR-7706 | 0.038 | 0.238 | 1.915 |
| hsa-miR-6773-5p | 0.047 | 0.238 | 1.905 |
| hsa-miR-593-3p | 0.050 | 0.238 | 1.903 |
| hsa-miR-1468-3p | 0.047 | 0.238 | 1.902 |
| hsa-miR-8054 | 0.042 | 0.238 | 1.897 |
| hsa-miR-6865-3p | 0.049 | 0.238 | 1.893 |
| hsa-miR-6737-3p | 0.039 | 0.238 | 1.892 |
| hsa-miR-4300 | 0.039 | 0.238 | 1.882 |
| hsa-let-7f-1-3p | 0.049 | 0.238 | 1.881 |
| hsa-miR-658 | 0.046 | 0.238 | 1.880 |
| hsa-miR-6515-5p | 0.040 | 0.238 | 1.872 |
| hsa-miR-1227-3p | 0.047 | 0.238 | 1.871 |
| hsa-miR-4447 | 0.008 | 0.238 | 1.870 |
| hsa-miR-4737 | 0.039 | 0.238 | 1.861 |
| hsa-miR-6735-5p | 0.046 | 0.238 | 1.857 |
| hsa-miR-6858-3p | 0.044 | 0.238 | 1.856 |
| hsa-miR-3613-3p | 0.039 | 0.238 | 1.852 |
| hsa-miR-6861-3p | 0.040 | 0.238 | 1.851 |
| hsa-miR-6825-5p | 0.015 | 0.238 | 1.839 |
| hsa-miR-7161-3p | 0.049 | 0.238 | 1.831 |
| hsa-miR-7114-3p | 0.041 | 0.238 | 1.814 |
| hsa-miR-6855-3p | 0.034 | 0.238 | 1.812 |
| hsa-miR-4319 | 0.034 | 0.238 | 1.805 |
| hsa-miR-4700-5p | 0.036 | 0.238 | 1.787 |
| hsa-miR-5571-5p | 0.039 | 0.238 | 1.785 |
| hsa-miR-518c-5p | 0.049 | 0.238 | 1.782 |
| hsa-miR-6857-3p | 0.033 | 0.238 | 1.780 |
| hsa-miR-1266-5p | 0.044 | 0.238 | 1.737 |
| hsa-miR-7113-5p | 0.045 | 0.238 | 1.731 |
| hsa-miR-6503-3p | 0.021 | 0.238 | 1.722 |
| hsa-miR-7108-3p | 0.045 | 0.238 | 1.700 |
| hsa-miR-2355-3p | 0.032 | 0.238 | 1.697 |
| hsa-miR-3180-5p | 0.015 | 0.238 | 1.692 |
| hsa-miR-4682 | 0.028 | 0.238 | 1.679 |
| hsa-miR-4748 | 0.035 | 0.238 | 1.678 |
| hsa-miR-3680-3p | 0.005 | 0.238 | 1.664 |
| hsa-miR-4676-5p | 0.049 | 0.238 | 1.639 |
| hsa-miR-6718-5p | 0.036 | 0.238 | 1.616 |
| hsa-miR-6802-5p | 0.019 | 0.238 | 1.582 |
| hsa-miR-4667-3p | 0.046 | 0.238 | 1.581 |
| hsa-miR-625-3p | 0.043 | 0.238 | 1.566 |
| hsa-miR-6790-3p | 0.026 | 0.238 | 1.378 |
| hsa-miR-370-3p | 0.049 | 0.238 | 0.504 |
| hsa-miR-489-3p | 0.031 | 0.238 | 0.496 |
| **hsa-miR-125b-2-3p** | **0.018** | **0.238** | **0.424** |
| hsa-miR-17-3p | 0.029 | 0.238 | 0.410 |
| **hsa-miR-99a-5p** | **0.037** | **0.238** | **0.124** |

|  |  |  |  |
| --- | --- | --- | --- |
| Systematic name | p-value | q-value | Fold change |
| hsa-miR-4498 | 0.001 | 0.082 | 5.466 |
| hsa-miR-3692-5p | 0.001 | 0.082 | 4.813 |
| hsa-miR-513c-5p | 0.006 | 0.082 | 4.251 |
| **hsa-miR-509-5p** | **0.005** | **0.082** | **3.825** |
| hsa-miR-6132 | 0.001 | 0.082 | 3.669 |
| hsa-miR-3666 | 0.001 | 0.082 | 3.479 |
| hsa-miR-4733-5p | 0.001 | 0.082 | 3.441 |
| hsa-miR-4647 | 0.002 | 0.082 | 3.402 |
| hsa-miR-6847-5p | 0.001 | 0.082 | 3.386 |
| hsa-miR-6798-5p | 0.001 | 0.082 | 3.379 |
| hsa-miR-6857-5p | 0.001 | 0.082 | 3.342 |
| hsa-miR-9500 | 0.000 | 0.082 | 3.180 |
| hsa-miR-3197 | 0.001 | 0.082 | 2.993 |
| hsa-miR-4462 | 0.001 | 0.082 | 2.927 |
| hsa-miR-370-3p | 0.000 | 0.082 | 2.892 |
| hsa-miR-10b-3p | 0.006 | 0.082 | 2.872 |
| hsa-miR-512-3p | 0.000 | 0.082 | 2.727 |
| hsa-miR-3130-5p | 0.009 | 0.082 | 2.671 |
| hsa-miR-6830-5p | 0.007 | 0.082 | 2.606 |
| hsa-miR-921 | 0.002 | 0.082 | 2.598 |
| hsa-miR-1273e | 0.004 | 0.082 | 2.571 |
| hsa-miR-4468 | 0.005 | 0.082 | 2.533 |
| hsa-miR-1208 | 0.002 | 0.082 | 2.431 |
| hsa-miR-662 | 0.005 | 0.082 | 2.395 |
| hsa-miR-617 | 0.005 | 0.082 | 2.373 |
| hsa-miR-4673 | 0.009 | 0.082 | 2.249 |
| hsa-miR-8085 | 0.003 | 0.082 | 2.164 |
| hsa-miR-4294 | 0.009 | 0.082 | 2.112 |
| hsa-miR-331-5p | 0.006 | 0.082 | 0.496 |
| hsa-miR-1229-5p | 0.007 | 0.082 | 0.496 |
| hsa-miR-129-5p | 0.002 | 0.082 | 0.496 |
| hsa-miR-6749-5p | 0.003 | 0.082 | 0.496 |
| hsa-miR-6723-5p | 0.008 | 0.082 | 0.491 |
| hsa-miR-6890-3p | 0.006 | 0.082 | 0.478 |
| hsa-miR-6880-3p | 0.005 | 0.082 | 0.477 |
| hsa-miR-4303 | 0.008 | 0.082 | 0.476 |
| hsa-miR-6812-3p | 0.003 | 0.082 | 0.471 |
| hsa-miR-766-3p | 0.001 | 0.082 | 0.470 |
| hsa-miR-92b-3p | 0.009 | 0.082 | 0.469 |
| hsa-miR-6760-3p | 0.008 | 0.082 | 0.464 |
| hsa-miR-3155a | 0.006 | 0.082 | 0.461 |
| hsa-miR-7114-3p | 0.005 | 0.082 | 0.458 |
| hsa-miR-4728-3p | 0.002 | 0.082 | 0.458 |
| hsa-miR-30d-3p | 0.007 | 0.082 | 0.454 |
| hsa-miR-6819-3p | 0.005 | 0.082 | 0.453 |
| hsa-miR-6732-3p | 0.003 | 0.082 | 0.450 |
| hsa-miR-6813-3p | 0.007 | 0.082 | 0.450 |
| hsa-miR-3181 | 0.009 | 0.082 | 0.450 |
| hsa-miR-4769-3p | 0.002 | 0.082 | 0.448 |
| hsa-miR-629-5p | 0.001 | 0.082 | 0.445 |
| hsa-miR-627-5p | 0.008 | 0.082 | 0.445 |
| hsa-miR-4801 | 0.009 | 0.082 | 0.444 |
| hsa-miR-6861-3p | 0.003 | 0.082 | 0.444 |
| hsa-miR-2114-3p | 0.006 | 0.082 | 0.442 |
| hsa-miR-6772-3p | 0.009 | 0.082 | 0.441 |
| hsa-miR-4436b-5p | 0.003 | 0.082 | 0.440 |
| hsa-miR-6834-3p | 0.009 | 0.082 | 0.439 |
| hsa-miR-4763-5p | 0.010 | 0.082 | 0.439 |
| hsa-miR-6073 | 0.002 | 0.082 | 0.436 |
| hsa-miR-1301-3p | 0.005 | 0.082 | 0.435 |
| hsa-miR-6865-3p | 0.007 | 0.082 | 0.434 |
| hsa-miR-3162-3p | 0.006 | 0.082 | 0.432 |
| hsa-miR-3940-3p | 0.004 | 0.082 | 0.431 |
| hsa-miR-1243 | 0.007 | 0.082 | 0.427 |
| hsa-miR-4723-3p | 0.008 | 0.082 | 0.427 |
| hsa-miR-6874-5p | 0.002 | 0.082 | 0.426 |
| hsa-miR-939-3p | 0.005 | 0.082 | 0.425 |
| hsa-miR-7160-3p | 0.008 | 0.082 | 0.422 |
| hsa-miR-106b-3p | 0.006 | 0.082 | 0.421 |
| hsa-miR-6871-3p | 0.008 | 0.082 | 0.420 |
| hsa-miR-1296-5p | 0.001 | 0.082 | 0.420 |
| hsa-miR-138-1-3p | 0.001 | 0.082 | 0.417 |
| hsa-miR-1204 | 0.007 | 0.082 | 0.417 |
| hsa-miR-5000-5p | 0.002 | 0.082 | 0.416 |
| hsa-miR-1233-3p | 0.009 | 0.082 | 0.416 |
| hsa-miR-7161-3p | 0.002 | 0.082 | 0.414 |
| hsa-miR-545-3p | 0.003 | 0.082 | 0.414 |
| hsa-miR-33a-3p | 0.009 | 0.082 | 0.413 |
| hsa-miR-6875-3p | 0.002 | 0.082 | 0.411 |
| hsa-miR-624-5p | 0.008 | 0.082 | 0.408 |
| hsa-miR-8485 | 0.007 | 0.082 | 0.408 |
| hsa-miR-1825 | 0.005 | 0.082 | 0.404 |
| hsa-miR-5682 | 0.009 | 0.082 | 0.403 |
| hsa-miR-6823-3p | 0.008 | 0.082 | 0.401 |
| hsa-miR-374b-3p | 0.006 | 0.082 | 0.400 |
| hsa-miR-4664-5p | 0.006 | 0.082 | 0.399 |
| hsa-miR-5008-3p | 0.001 | 0.082 | 0.398 |
| hsa-miR-105-5p | 0.005 | 0.082 | 0.398 |
| hsa-miR-1296-3p | 0.003 | 0.082 | 0.396 |
| hsa-miR-590-3p | 0.008 | 0.082 | 0.395 |
| hsa-miR-4509 | 0.009 | 0.082 | 0.394 |
| hsa-miR-6749-3p | 0.002 | 0.082 | 0.393 |
| hsa-miR-582-3p | 0.008 | 0.082 | 0.393 |
| hsa-miR-6730-3p | 0.002 | 0.082 | 0.392 |
| hsa-miR-767-5p | 0.004 | 0.082 | 0.392 |
| hsa-miR-642a-5p | 0.010 | 0.082 | 0.387 |
| hsa-miR-93-3p | 0.004 | 0.082 | 0.387 |
| hsa-miR-2116-5p | 0.007 | 0.082 | 0.387 |
| hsa-miR-6750-3p | 0.007 | 0.082 | 0.384 |
| hsa-miR-4738-5p | 0.010 | 0.082 | 0.384 |
| hsa-miR-5704 | 0.007 | 0.082 | 0.382 |
| hsa-miR-483-3p | 0.001 | 0.082 | 0.381 |
| hsa-miR-4641 | 0.008 | 0.082 | 0.376 |
| hsa-miR-466 | 0.002 | 0.082 | 0.373 |
| hsa-miR-4321 | 0.002 | 0.082 | 0.373 |
| hsa-miR-3192-3p | 0.000 | 0.082 | 0.367 |
| hsa-miR-520g-5p | 0.007 | 0.082 | 0.366 |
| **hsa-miR-328-3p** | **0.007** | **0.082** | **0.359** |
| hsa-miR-1908-3p | 0.002 | 0.082 | 0.358 |
| hsa-miR-6735-3p | 0.005 | 0.082 | 0.356 |
| hsa-miR-2053 | 0.008 | 0.082 | 0.354 |
| hsa-miR-4634 | 0.001 | 0.082 | 0.332 |
| hsa-miR-675-3p | 0.005 | 0.082 | 0.329 |
| hsa-miR-130b-5p | 0.001 | 0.082 | 0.317 |
| hsa-miR-375 | 0.001 | 0.082 | 0.312 |
| hsa-miR-8069 | 0.008 | 0.082 | 0.298 |
| **hsa-miR-137** | **0.004** | **0.082** | **0.269** |
| hsa-miR-301b-3p | 0.007 | 0.082 | 0.246 |

Table S5. Significantly differentially expressed miRNAs in combined basaloid and warty basaloid (HPV-positive) PSCC versus normal tissue samples (HPV-positive).

|  |  |  |  |
| --- | --- | --- | --- |
| Systematic name | p-value | q-value | Fold change |
| **hsa-miR-181d-5p** | **0.00** | **0.17** | **3.41** |
| hsa-miR-4793-3p | 0.01 | 0.17 | 2.95 |
| hsa-miR-367-5p | 0.05 | 0.17 | 0.50 |
| hsa-miR-3136-3p | 0.01 | 0.17 | 0.50 |
| hsa-miR-6783-5p | 0.02 | 0.17 | 0.50 |
| hsa-miR-4272 | 0.03 | 0.17 | 0.50 |
| hsa-miR-3153 | 0.03 | 0.17 | 0.50 |
| hsa-miR-599 | 0.02 | 0.17 | 0.50 |
| hsa-miR-383-3p | 0.02 | 0.17 | 0.50 |
| hsa-miR-3686 | 0.03 | 0.17 | 0.50 |
| hsa-miR-4666a-3p | 0.04 | 0.17 | 0.50 |
| hsa-miR-5047 | 0.01 | 0.17 | 0.50 |
| hsa-miR-4999-3p | 0.02 | 0.17 | 0.50 |
| hsa-miR-2682-5p | 0.03 | 0.17 | 0.50 |
| hsa-miR-4438 | 0.03 | 0.17 | 0.50 |
| hsa-miR-3175 | 0.03 | 0.17 | 0.50 |
| hsa-miR-5092 | 0.02 | 0.17 | 0.50 |
| hsa-miR-329-5p | 0.01 | 0.17 | 0.50 |
| hsa-miR-3683 | 0.03 | 0.17 | 0.50 |
| hsa-miR-4789-3p | 0.03 | 0.17 | 0.50 |
| hsa-miR-3680-5p | 0.03 | 0.17 | 0.50 |
| hsa-miR-621 | 0.03 | 0.17 | 0.50 |
| hsa-miR-1269b | 0.02 | 0.17 | 0.50 |
| hsa-miR-569 | 0.03 | 0.17 | 0.50 |
| hsa-miR-873-3p | 0.02 | 0.17 | 0.50 |
| hsa-miR-552-3p | 0.03 | 0.17 | 0.50 |
| hsa-miR-603 | 0.03 | 0.17 | 0.50 |
| hsa-miR-4295 | 0.03 | 0.17 | 0.50 |
| hsa-miR-451b | 0.02 | 0.17 | 0.50 |
| hsa-miR-1827 | 0.04 | 0.17 | 0.50 |
| hsa-miR-4643 | 0.03 | 0.17 | 0.50 |
| hsa-miR-548as-5p | 0.03 | 0.17 | 0.50 |
| hsa-miR-6768-3p | 0.01 | 0.17 | 0.50 |
| hsa-miR-4718 | 0.02 | 0.17 | 0.50 |
| hsa-miR-4662a-3p | 0.03 | 0.17 | 0.50 |
| hsa-miR-4692 | 0.03 | 0.17 | 0.50 |
| hsa-miR-4731-5p | 0.02 | 0.17 | 0.50 |
| hsa-miR-1322 | 0.02 | 0.17 | 0.50 |
| hsa-miR-876-3p | 0.03 | 0.17 | 0.49 |
| hsa-miR-4661-3p | 0.02 | 0.17 | 0.49 |
| hsa-miR-4671-3p | 0.03 | 0.17 | 0.49 |
| hsa-miR-6080 | 0.01 | 0.17 | 0.49 |
| hsa-miR-548bb-3p | 0.02 | 0.17 | 0.49 |
| hsa-miR-24-2-5p | 0.03 | 0.17 | 0.49 |
| hsa-miR-2052 | 0.03 | 0.17 | 0.49 |
| hsa-miR-3912-5p | 0.03 | 0.17 | 0.49 |
| hsa-miR-519d-5p | 0.03 | 0.17 | 0.49 |
| hsa-miR-7852-3p | 0.04 | 0.17 | 0.49 |
| hsa-miR-3171 | 0.04 | 0.17 | 0.49 |
| hsa-miR-3156-3p | 0.04 | 0.17 | 0.49 |
| hsa-miR-548w | 0.02 | 0.17 | 0.49 |
| hsa-miR-216b-3p | 0.02 | 0.17 | 0.49 |
| hsa-miR-4477a | 0.02 | 0.17 | 0.49 |
| hsa-miR-3939 | 0.01 | 0.17 | 0.49 |
| hsa-miR-433-5p | 0.02 | 0.17 | 0.49 |
| hsa-miR-7154-5p | 0.02 | 0.17 | 0.49 |
| hsa-miR-5011-3p | 0.03 | 0.17 | 0.49 |
| hsa-miR-6755-3p | 0.03 | 0.17 | 0.49 |
| hsa-miR-1324 | 0.03 | 0.17 | 0.49 |
| hsa-miR-1179 | 0.02 | 0.17 | 0.49 |
| hsa-miR-4794 | 0.02 | 0.17 | 0.49 |
| hsa-miR-499b-5p | 0.02 | 0.17 | 0.49 |
| hsa-miR-496 | 0.03 | 0.17 | 0.49 |
| hsa-miR-5693 | 0.02 | 0.17 | 0.49 |
| hsa-miR-124-5p | 0.03 | 0.17 | 0.49 |
| hsa-miR-4777-3p | 0.04 | 0.17 | 0.49 |
| hsa-miR-1251-5p | 0.02 | 0.17 | 0.49 |
| hsa-miR-4789-5p | 0.02 | 0.17 | 0.49 |
| hsa-miR-3612 | 0.03 | 0.17 | 0.49 |
| hsa-miR-4795-3p | 0.03 | 0.17 | 0.49 |
| hsa-miR-4527 | 0.02 | 0.17 | 0.49 |
| hsa-miR-759 | 0.02 | 0.17 | 0.49 |
| hsa-miR-4460 | 0.04 | 0.17 | 0.49 |
| hsa-miR-549a | 0.03 | 0.17 | 0.49 |
| hsa-miR-4738-5p | 0.04 | 0.17 | 0.49 |
| hsa-miR-576-3p | 0.02 | 0.17 | 0.49 |
| hsa-miR-3606-3p | 0.01 | 0.17 | 0.49 |
| hsa-miR-4528 | 0.01 | 0.17 | 0.49 |
| hsa-miR-412-5p | 0.03 | 0.17 | 0.49 |
| hsa-miR-100-3p | 0.01 | 0.17 | 0.49 |
| hsa-miR-4426 | 0.02 | 0.17 | 0.49 |
| hsa-miR-556-3p | 0.04 | 0.17 | 0.49 |
| hsa-miR-4474-3p | 0.02 | 0.17 | 0.49 |
| hsa-miR-626 | 0.03 | 0.17 | 0.49 |
| hsa-miR-6715b-3p | 0.01 | 0.17 | 0.49 |
| hsa-miR-4795-5p | 0.02 | 0.17 | 0.49 |
| hsa-miR-548ar-5p | 0.03 | 0.17 | 0.49 |
| hsa-miR-203a-5p | 0.02 | 0.17 | 0.49 |
| hsa-miR-609 | 0.03 | 0.17 | 0.49 |
| hsa-miR-4799-3p | 0.03 | 0.17 | 0.49 |
| hsa-miR-6807-3p | 0.01 | 0.17 | 0.49 |
| hsa-miR-518c-3p | 0.03 | 0.17 | 0.49 |
| hsa-miR-5687 | 0.03 | 0.17 | 0.49 |
| hsa-miR-208a-3p | 0.03 | 0.17 | 0.49 |
| hsa-miR-7978 | 0.02 | 0.17 | 0.49 |
| hsa-miR-4743-3p | 0.02 | 0.17 | 0.49 |
| hsa-miR-4766-3p | 0.02 | 0.17 | 0.49 |
| hsa-miR-5692c | 0.02 | 0.17 | 0.49 |
| hsa-miR-5697 | 0.02 | 0.17 | 0.49 |
| hsa-miR-4275 | 0.03 | 0.17 | 0.49 |
| hsa-miR-514a-5p | 0.02 | 0.17 | 0.49 |
| hsa-miR-573 | 0.03 | 0.17 | 0.49 |
| hsa-miR-3065-5p | 0.04 | 0.17 | 0.49 |
| hsa-miR-5591-5p | 0.02 | 0.17 | 0.49 |
| hsa-miR-4285 | 0.03 | 0.17 | 0.49 |
| hsa-miR-8066 | 0.05 | 0.17 | 0.49 |
| hsa-miR-548k | 0.03 | 0.17 | 0.49 |
| hsa-miR-5588-5p | 0.03 | 0.17 | 0.49 |
| hsa-miR-4696 | 0.03 | 0.17 | 0.49 |
| hsa-miR-4652-5p | 0.03 | 0.17 | 0.49 |
| hsa-miR-215-3p | 0.02 | 0.17 | 0.49 |
| hsa-miR-4431 | 0.02 | 0.17 | 0.49 |
| hsa-miR-3140-5p | 0.04 | 0.17 | 0.49 |
| hsa-miR-6837-3p | 0.03 | 0.17 | 0.49 |
| hsa-miR-4490 | 0.03 | 0.17 | 0.49 |
| hsa-miR-6840-5p | 0.02 | 0.17 | 0.48 |
| hsa-miR-6844 | 0.03 | 0.17 | 0.48 |
| hsa-miR-3140-3p | 0.02 | 0.17 | 0.48 |
| hsa-miR-5586-3p | 0.02 | 0.17 | 0.48 |
| hsa-miR-561-3p | 0.02 | 0.17 | 0.48 |
| hsa-miR-888-5p | 0.02 | 0.17 | 0.48 |
| hsa-miR-3139 | 0.02 | 0.17 | 0.48 |
| hsa-miR-3942-3p | 0.03 | 0.17 | 0.48 |
| hsa-miR-548ac | 0.03 | 0.17 | 0.48 |
| hsa-miR-450a-2-3p | 0.02 | 0.17 | 0.48 |
| hsa-miR-105-3p | 0.02 | 0.17 | 0.48 |
| hsa-miR-4715-3p | 0.02 | 0.17 | 0.48 |
| hsa-miR-3912-3p | 0.03 | 0.17 | 0.48 |
| hsa-miR-5706 | 0.02 | 0.17 | 0.48 |
| hsa-miR-499b-3p | 0.01 | 0.17 | 0.48 |
| hsa-miR-367-3p | 0.01 | 0.17 | 0.48 |
| hsa-miR-548ab | 0.03 | 0.17 | 0.48 |
| hsa-miR-1302 | 0.03 | 0.17 | 0.48 |
| hsa-miR-3681-5p | 0.02 | 0.17 | 0.48 |
| hsa-miR-3065-3p | 0.00 | 0.17 | 0.48 |
| hsa-miR-559 | 0.02 | 0.17 | 0.48 |
| hsa-miR-651-3p | 0.03 | 0.17 | 0.48 |
| hsa-miR-548ao-5p | 0.03 | 0.17 | 0.48 |
| hsa-miR-4774-5p | 0.02 | 0.17 | 0.48 |
| hsa-miR-152-5p | 0.01 | 0.17 | 0.48 |
| hsa-miR-548n | 0.02 | 0.17 | 0.48 |
| hsa-miR-384 | 0.03 | 0.17 | 0.48 |
| hsa-miR-545-5p | 0.03 | 0.17 | 0.48 |
| hsa-miR-5590-5p | 0.02 | 0.17 | 0.48 |
| hsa-miR-4755-5p | 0.02 | 0.17 | 0.48 |
| hsa-miR-4720-5p | 0.03 | 0.17 | 0.48 |
| hsa-miR-4529-5p | 0.03 | 0.17 | 0.48 |
| hsa-miR-548g-3p | 0.02 | 0.17 | 0.48 |
| hsa-miR-548ak | 0.02 | 0.17 | 0.48 |
| hsa-miR-4474-5p | 0.01 | 0.17 | 0.48 |
| hsa-miR-3124-3p | 0.02 | 0.17 | 0.48 |
| hsa-miR-3690 | 0.02 | 0.17 | 0.48 |
| hsa-miR-1272 | 0.02 | 0.17 | 0.48 |
| hsa-miR-587 | 0.02 | 0.17 | 0.48 |
| hsa-miR-548f-5p | 0.02 | 0.17 | 0.48 |
| hsa-miR-208b-3p | 0.02 | 0.17 | 0.48 |
| hsa-miR-568 | 0.02 | 0.17 | 0.48 |
| hsa-miR-3167 | 0.01 | 0.17 | 0.48 |
| hsa-miR-4735-3p | 0.03 | 0.17 | 0.48 |
| hsa-miR-3682-3p | 0.03 | 0.17 | 0.48 |
| hsa-miR-548m | 0.03 | 0.17 | 0.48 |
| hsa-miR-155-3p | 0.02 | 0.17 | 0.48 |
| hsa-miR-4735-5p | 0.02 | 0.17 | 0.48 |
| hsa-miR-8067 | 0.01 | 0.17 | 0.47 |
| hsa-miR-520h | 0.02 | 0.17 | 0.47 |
| hsa-miR-1245b-3p | 0.02 | 0.17 | 0.47 |
| hsa-miR-588 | 0.02 | 0.17 | 0.47 |
| hsa-miR-3670 | 0.03 | 0.17 | 0.47 |
| hsa-miR-1289 | 0.02 | 0.17 | 0.47 |
| hsa-miR-4724-5p | 0.02 | 0.17 | 0.47 |
| hsa-miR-1245a | 0.03 | 0.17 | 0.47 |
| hsa-miR-3908 | 0.02 | 0.17 | 0.47 |
| hsa-miR-548ba | 0.05 | 0.17 | 0.47 |
| hsa-miR-7112-5p | 0.02 | 0.17 | 0.47 |
| hsa-miR-548c-3p | 0.02 | 0.17 | 0.47 |
| hsa-miR-653-3p | 0.02 | 0.17 | 0.47 |
| hsa-miR-4999-5p | 0.02 | 0.17 | 0.47 |
| hsa-miR-558 | 0.02 | 0.17 | 0.47 |
| hsa-miR-4712-5p | 0.03 | 0.17 | 0.47 |
| hsa-miR-891b | 0.03 | 0.17 | 0.47 |
| hsa-miR-135a-5p | 0.03 | 0.17 | 0.47 |
| hsa-miR-4662a-5p | 0.01 | 0.17 | 0.47 |
| hsa-miR-3119 | 0.02 | 0.17 | 0.47 |
| hsa-miR-3118 | 0.02 | 0.17 | 0.47 |
| hsa-miR-8076 | 0.01 | 0.17 | 0.47 |
| hsa-miR-3675-5p | 0.02 | 0.17 | 0.47 |
| hsa-miR-19a-5p | 0.02 | 0.17 | 0.47 |
| hsa-miR-499a-3p | 0.01 | 0.17 | 0.47 |
| hsa-miR-7162-5p | 0.02 | 0.17 | 0.47 |
| hsa-miR-3662 | 0.01 | 0.17 | 0.47 |
| hsa-miR-3179 | 0.02 | 0.17 | 0.47 |
| hsa-miR-5580-5p | 0.02 | 0.17 | 0.47 |
| hsa-miR-3142 | 0.02 | 0.17 | 0.47 |
| hsa-miR-4524a-3p | 0.03 | 0.17 | 0.47 |
| hsa-miR-5582-3p | 0.03 | 0.17 | 0.47 |
| hsa-miR-511-5p | 0.01 | 0.17 | 0.46 |
| hsa-miR-607 | 0.02 | 0.17 | 0.46 |
| hsa-miR-3672 | 0.03 | 0.17 | 0.46 |
| hsa-miR-4720-3p | 0.02 | 0.17 | 0.46 |
| hsa-miR-4452 | 0.01 | 0.17 | 0.46 |
| hsa-miR-4678 | 0.03 | 0.17 | 0.46 |
| hsa-miR-4768-5p | 0.02 | 0.17 | 0.46 |
| hsa-miR-4677-3p | 0.01 | 0.17 | 0.46 |
| hsa-miR-627-3p | 0.02 | 0.17 | 0.46 |
| hsa-miR-6508-3p | 0.02 | 0.17 | 0.46 |
| hsa-miR-553 | 0.02 | 0.17 | 0.46 |
| hsa-miR-518f-3p | 0.01 | 0.17 | 0.46 |
| hsa-miR-548f-3p | 0.00 | 0.17 | 0.46 |
| hsa-miR-374c-3p | 0.02 | 0.17 | 0.46 |
| hsa-miR-2114-5p | 0.01 | 0.17 | 0.46 |
| hsa-miR-302d-3p | 0.02 | 0.17 | 0.45 |
| hsa-miR-3664-3p | 0.01 | 0.17 | 0.45 |
| hsa-miR-644a | 0.02 | 0.17 | 0.45 |
| hsa-miR-1252-3p | 0.04 | 0.17 | 0.45 |
| hsa-miR-4705 | 0.01 | 0.17 | 0.45 |
| hsa-miR-3977 | 0.02 | 0.17 | 0.45 |
| hsa-miR-517a-3p | 0.03 | 0.17 | 0.45 |
| hsa-miR-548x-3p | 0.00 | 0.17 | 0.45 |
| hsa-miR-515-5p | 0.02 | 0.17 | 0.45 |
| hsa-miR-548am-3p | 0.02 | 0.17 | 0.45 |
| hsa-miR-4797-5p | 0.01 | 0.17 | 0.45 |
| hsa-miR-655-3p | 0.02 | 0.17 | 0.44 |
| hsa-miR-506-5p | 0.00 | 0.17 | 0.44 |
| hsa-miR-517c-3p | 0.01 | 0.17 | 0.44 |
| hsa-miR-374a-3p | 0.02 | 0.17 | 0.44 |
| hsa-miR-297 | 0.01 | 0.17 | 0.44 |
| hsa-miR-122-3p | 0.00 | 0.17 | 0.44 |
| hsa-miR-889-3p | 0.02 | 0.17 | 0.44 |
| hsa-miR-1537-5p | 0.02 | 0.17 | 0.44 |
| hsa-miR-6502-3p | 0.01 | 0.17 | 0.43 |
| hsa-miR-548as-3p | 0.02 | 0.17 | 0.43 |
| hsa-miR-544a | 0.03 | 0.17 | 0.43 |
| hsa-miR-3152-3p | 0.02 | 0.17 | 0.43 |
| hsa-miR-5007-3p | 0.01 | 0.17 | 0.43 |
| hsa-miR-519b-3p | 0.02 | 0.17 | 0.43 |
| hsa-miR-208b-5p | 0.01 | 0.17 | 0.43 |
| hsa-miR-4775 | 0.01 | 0.17 | 0.43 |
| hsa-miR-548aj-3p | 0.00 | 0.17 | 0.42 |
| hsa-miR-519c-3p | 0.02 | 0.17 | 0.42 |
| hsa-miR-33b-5p | 0.01 | 0.17 | 0.42 |
| hsa-miR-548ae-3p | 0.01 | 0.17 | 0.42 |
| hsa-miR-3613-5p | 0.03 | 0.17 | 0.42 |
| hsa-miR-571 | 0.00 | 0.17 | 0.41 |
| hsa-miR-548ap-3p | 0.00 | 0.17 | 0.41 |
| hsa-miR-633 | 0.01 | 0.17 | 0.40 |
| hsa-miR-26a-2-3p | 0.01 | 0.17 | 0.40 |
| **hsa-miR-211-5p** | **0.05** | **0.17** | **0.06** |