

Supplementary Table-1 Primer Sequences

| Gene   | Forward Sequence        | Reverse Sequence         |
|--------|-------------------------|--------------------------|
| Gclc   | ACACCTGGATGATGCCAACGAG  | CCTCCATTGGTCGGAACTCTAC   |
| Prdx-1 | TGCCAAGTGATTGGCGCTTCTG  | AGCAATGGTGCGCTTGGGATCT   |
| Nrf-2  | CAGCATAGAGCAGGACATGGAG  | GAACAGCGGTAGTATCAGCCAG   |
| NqO1   | GCCGAACACAAGAAGCTGGAAG  | GGCAAATCCTGCTACGAGCACT   |
| TFAM   | GAGGCAAAGGATGATTCGGCTC  | CGAATCCTATCATCTTTAGCAAGC |
| NRF-1  | GGCAACAGTAGCCACATTGGCT  | GTCTGGATGGTCATTTACCCGC   |
| LGR5   | AGAGCCTGATACCATCTGCAAAC | TGAAGGTCGTCCACACTGTTGC   |
| BMI-1  | ACTACACGCTAATGGACATTGCC | CTCTCCAGCATTTCGTCAGTCCA  |
| LEF-1  | ACTGTCAGGCGACACTTCCATG  | GTGCTCCTGTTTGACCTGAGGT   |
| OLFM4  | GCCTCCAAAAGTGACCTTGTGC  | TGCGTGTGCTGGTGGAAAAGAG   |
| AXIN-1 | GTCCAGTGATGCTGACACGCTA  | GCCCATTGACTTGGATACTCTCC  |
| ASCL2  | TTTCCTGTGCCGCACCAGAACT  | CAGCGACTCCAGACGAGGTGG    |
| TCF-4  | CCTCCAATCCTTCAACTCCTGTG | TCCAAACGGTCTTCGATTCGGC   |
| SOX-   | CACACGTCAAGCGACCCATGAA  | TCTTCTCGCTCTCGTTCAGCAG   |
| GAPDH  | ACCACAGTCCATGCCATCAC    | TCCACCACCCTGTTGCTGTA     |

Supplementary Table-2

Female Sample ID

Male Sample ID

| gene_id         | chrom | start    | stop     | strand | 22564_re | 22676_re | 25114_re | 26512_re | 28700_re | 24793_re | 25097_re | 26534_re | 27046_re | 27133_re | type  |
|-----------------|-------|----------|----------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|
| hsa-miR-320a-3p | chr8  | 22102488 | 22102509 | -      | 183797   | 111607   | 951241   | 71618    | 171395   | 60179    | 195518   | 6391     | 362529   | 255166   | miRNA |
| hsa-miR-320a    | chr8  | 22102479 | 22102550 | -      | 183797   | 111607   | 951241   | 71618    | 171395   | 60179    | 195518   | 6391     | 362529   | 255168   | miRNA |
| hsa-miR-486-2   | chr8  | 41517962 | 41518025 | +      | 92655    | 98852    | 1497030  | 64970    | 106967   | 58978    | 557526   | 7967     | 1206118  | 246375   | miRNA |
| hsa-miR-486-1   | chr8  | 41517959 | 41518026 | -      | 92059    | 98626    | 1496759  | 64745    | 106665   | 58652    | 557063   | 7994     | 1205459  | 246398   | miRNA |
| hsa-miR-486-5p  | chr8  | 41517962 | 41517983 | +      | 91357    | 98370    | 1492567  | 64706    | 105440   | 58411    | 553311   | 7924     | 1200321  | 244956   | miRNA |
| hsa-miR-21-5p   | chr17 | 57918634 | 57918655 | +      | 60486    | 134044   | 398795   | 66378    | 232010   | 81158    | 66058    | 7852     | 100529   | 176555   | miRNA |
| hsa-miR-21      | chr17 | 57918627 | 57918698 | +      | 60486    | 134110   | 399014   | 66438    | 232058   | 81245    | 66058    | 7893     | 100601   | 176688   | miRNA |
| hsa-miR-103a-3p | chr20 | 3898188  | 3898210  | +      | 32856    | 35875    | 167298   | 17024    | 64682    | 23242    | 56118    | 2682     | 127267   | 93965    | miRNA |
| hsa-miR-103a-1  | chr5  | 1.68E+08 | 1.68E+08 | -      | 32856    | 35875    | 167298   | 17024    | 64682    | 23242    | 56118    | 2682     | 127267   | 93965    | miRNA |
| hsa-miR-103a-2  | chr20 | 3898141  | 3898218  | +      | 32844    | 35859    | 167307   | 17015    | 64672    | 23221    | 56163    | 2678     | 127277   | 93941    | miRNA |
| hsa-miR-423     | chr17 | 28444097 | 28444190 | +      | 30944    | 9513     | 133265   | 8693     | 20621    | 8804     | 46929    | 1096     | 87391    | 24616    | miRNA |
| hsa-miR-221-3p  | chrX  | 45605608 | 45605630 | -      | 30256    | 27524    | 178393   | 12521    | 68030    | 15198    | 14783    | 2139     | 22676    | 55479    | miRNA |
| hsa-miR-221     | chrX  | 45605585 | 45605694 | -      | 30256    | 27524    | 178393   | 12521    | 68036    | 15198    | 14783    | 2139     | 22676    | 55479    | miRNA |
| hsa-miR-423-5p  | chr17 | 28444113 | 28444135 | +      | 29936    | 8659     | 131630   | 8406     | 18520    | 7729     | 46523    | 935      | 86103    | 23314    | miRNA |
| hsa-miR-25      | chr7  | 99691183 | 99691266 | -      | 20535    | 15026    | 237555   | 11826    | 56007    | 13668    | 69558    | 1461     | 153994   | 80348    | miRNA |
| hsa-miR-25-3p   | chr7  | 99691194 | 99691215 | -      | 20383    | 15026    | 237187   | 11826    | 55935    | 13615    | 69380    | 1461     | 153505   | 80267    | miRNA |
| hsa-miR-26b-5p  | chr2  | 2.19E+08 | 2.19E+08 | +      | 19253    | 20503    | 13676    | 7714     | 55368    | 12673    | 14058    | 1016     | 12600    | 37177    | miRNA |
| hsa-miR-26b     | chr2  | 2.19E+08 | 2.19E+08 | +      | 19253    | 20503    | 13676    | 7714     | 55375    | 12673    | 14058    | 1016     | 12600    | 37177    | miRNA |
| hsa-miR-107     | chr10 | 91352513 | 91352535 | -      | 18383    | 15062    | 158278   | 8066     | 20035    | 10882    | 50985    | 1621     | 120891   | 64140    | miRNA |
| hsa-miR-107     | chr10 | 91352504 | 91352584 | -      | 18383    | 15062    | 158278   | 8066     | 20046    | 10882    | 50985    | 1621     | 120891   | 64140    | miRNA |
| hsa-miR-24-2    | chr19 | 13947101 | 13947173 | -      | 17512    | 13489    | 25083    | 10428    | 51012    | 10694    | 7857     | 1664     | 8566     | 25972    | miRNA |
| hsa-miR-24-3p   | chr19 | 13947103 | 13947124 | -      | 17416    | 13372    | 25014    | 10415    | 50765    | 10677    | 7847     | 1663     | 8548     | 25782    | miRNA |
| hsa-miR-24-1    | chr9  | 97848303 | 97848370 | +      | 17416    | 13372    | 25014    | 10415    | 50765    | 10677    | 7847     | 1663     | 8548     | 25782    | miRNA |
| hsa-miR-16-2    | chr3  | 1.6E+08  | 1.6E+08  | +      | 14976    | 9780     | 254165   | 7595     | 34810    | 10476    | 91015    | 1320     | 161638   | 56189    | miRNA |
| hsa-miR-16-5p   | chr13 | 50623163 | 50623184 | -      | 14109    | 8753     | 241044   | 7009     | 33493    | 9826     | 86641    | 1172     | 154966   | 52947    | miRNA |
| hsa-miR-16-1    | chr13 | 50623109 | 50623197 | -      | 14074    | 8728     | 240172   | 6996     | 33423    | 9813     | 86319    | 1168     | 154545   | 52795    | miRNA |
| hsa-miR-92a-1   | chr13 | 92003568 | 92003645 | +      | 12278    | 18446    | 176752   | 11916    | 28057    | 11733    | 56222    | 2525     | 134776   | 38959    | miRNA |
| hsa-miR-122-5p  | chr18 | 56118320 | 56118341 | +      | 12224    | 6174     | 38500    | 14008    | 170604   | 22219    | 26454    | 278      | 2150     | 29190    | miRNA |
| hsa-miR-122     | chr18 | 56118306 | 56118390 | +      | 12224    | 6174     | 38500    | 14008    | 170615   | 22219    | 26454    | 278      | 2150     | 29190    | miRNA |
| hsa-miR-451a    | chr17 | 27188421 | 27188442 | -      | 11493    | 7472     | 161405   | 5997     | 11913    | 6674     | 52936    | 1133     | 97842    | 36653    | miRNA |
| hsa-miR-451a    | chr17 | 27188387 | 27188458 | -      | 11493    | 7490     | 161943   | 5997     | 11960    | 6715     | 53224    | 1133     | 98027    | 36749    | miRNA |
| hsa-miR-92a-3p  | chr13 | 92003615 | 92003636 | +      | 11245    | 17860    | 176211   | 11432    | 27076    | 11328    | 55790    | 2212     | 134292   | 38250    | miRNA |
| hsa-miR-92a-2   | chrX  | 1.33E+08 | 1.33E+08 | -      | 11245    | 17860    | 176211   | 11432    | 27076    | 11328    | 55790    | 2212     | 134292   | 38250    | miRNA |
| hsa-miR-93-5p   | chr7  | 99691438 | 99691460 | -      | 11151    | 8267     | 31441    | 4172     | 30723    | 6119     | 15136    | 901      | 32874    | 44289    | miRNA |
| hsa-miR-93      | chr7  | 99691391 | 99691470 | -      | 11151    | 8267     | 31470    | 4172     | 30773    | 6122     | 15136    | 901      | 32923    | 44289    | miRNA |
| hsa-miR-26a-2   | chr12 | 58218392 | 58218475 | -      | 11107    | 10441    | 6403     | 4722     | 25541    | 7098     | 3274     | 2032     | 4022     | 13699    | miRNA |
| hsa-miR-26a-5p  | chr12 | 58218441 | 58218462 | -      | 10980    | 10384    | 6334     | 4671     | 25318    | 7087     | 3230     | 2035     | 4006     | 13564    | miRNA |
| hsa-miR-26a-1   | chr3  | 38010895 | 38010971 | +      | 10980    | 10384    | 6334     | 4671     | 25318    | 7087     | 3230     | 2035     | 4006     | 13564    | miRNA |
| hsa-miR-30d-5p  | chr8  | 1.36E+08 | 1.36E+08 | -      | 10666    | 10849    | 44500    | 7093     | 30162    | 7174     | 13687    | 1002     | 22087    | 20981    | miRNA |
| hsa-miR-30d     | chr8  | 1.36E+08 | 1.36E+08 | -      | 10666    | 10849    | 44500    | 7093     | 30179    | 7174     | 13733    | 1002     | 22133    | 20981    | miRNA |
| hsa-miR-101-1   | chr1  | 65524117 | 65524191 | -      | 10490    | 18119    | 137478   | 9591     | 17758    | 9397     | 40081    | 1596     | 112528   | 48655    | miRNA |
| hsa-miR-101-3p  | chr1  | 65524125 | 65524145 | -      | 10475    | 18199    | 137855   | 9583     | 18003    | 9400     | 40321    | 1595     | 113109   | 49105    | miRNA |
| hsa-miR-101-2   | chr9  | 4850297  | 4850375  | -      | 10475    | 18199    | 137855   | 9583     | 18003    | 9400     | 40321    | 1595     | 113127   | 49105    | miRNA |
| hsa-miR-22-3p   | chr17 | 1617208  | 1617229  | -      | 10344    | 5223     | 122394   | 9284     | 14822    | 7600     | 36460    | 3454     | 48263    | 21988    | miRNA |
| hsa-miR-22      | chr17 | 1617197  | 1617281  | -      | 10344    | 5249     | 122710   | 9284     | 15015    | 7747     | 36504    | 3454     | 48493    | 22165    | miRNA |
| hsa-miR-199a-3p | chr1  | 1.72E+08 | 1.72E+08 | -      | 9103     | 8091     | 15252    | 7508     | 37062    | 7990     | 3622     | 1178     | 4011     | 12797    | miRNA |
| hsa-miR-199b-3p | chr9  | 1.31E+08 | 1.31E+08 | -      | 9103     | 8091     | 15252    | 7508     | 37062    | 7990     | 3622     | 1178     | 4011     | 12797    | miRNA |
| hsa-miR-199a-1  | chr19 | 10928102 | 10928172 | -      | 9103     | 8091     | 15275    | 7508     | 37112    | 7990     | 3622     | 1178     | 4011     | 12797    | miRNA |
| hsa-miR-199b    | chr9  | 1.31E+08 | 1.31E+08 | -      | 9103     | 8091     | 15262    | 7508     | 37083    | 7990     | 3622     | 1179     | 4011     | 12797    | miRNA |
| hsa-miR-199a-2  | chr1  | 1.72E+08 | 1.72E+08 | -      | 9095     | 8087     | 15263    | 7500     | 37118    | 7984     | 3617     | 1177     | 4004     | 12788    | miRNA |
| hsa-miR-15a-5p  | chr13 | 50623303 | 50623324 | -      | 8466     | 5307     | 145692   | 2808     | 9405     | 5025     | 44651    | 456      | 75022    | 27517    | miRNA |
| hsa-miR-15a     | chr13 | 50623255 | 50623337 | -      | 8466     | 5307     | 145693   | 2808     | 9405     | 5025     | 44651    | 456      | 75022    | 27517    | miRNA |
| hsa-miR-19b-1   | chr13 | 92003446 | 92003532 | +      | 7657     | 6242     | 27054    | 3600     | 6182     | 3656     | 8758     | 794      | 24588    | 20467    | miRNA |
| hsa-miR-19b-3p  | chr13 | 92003499 | 92003521 | +      | 7519     | 6246     | 27064    | 3602     | 6185     | 3658     | 8768     | 794      | 24603    | 20474    | miRNA |
| hsa-miR-19b-2   | chrX  | 1.33E+08 | 1.33E+08 | -      | 7519     | 6246     | 27064    | 3602     | 6185     | 3658     | 8768     | 794      | 24603    | 20474    | miRNA |
| hsa-miR-223     | chrX  | 65238712 | 65238821 | +      | 6847     | 3652     | 5882     | 2310     | 31045    | 2640     | 1710     | 365      | 675      | 11119    | miRNA |
| hsa-miR-140     | chr16 | 69966984 | 69967083 | +      | 6639     | 2721     | 21613    | 2636     | 8251     | 2964     | 6562     | 539      | 15737    | 10812    | miRNA |
| hsa-miR-140-3p  | chr16 | 69967045 | 69967065 | +      | 6379     | 2537     | 20910    | 2493     | 7549     | 2670     | 6238     | 519      | 15582    | 9908     | miRNA |
| hsa-miR-223-3p  | chrX  | 65238779 | 65238800 | +      | 6252     | 3322     | 5271     | 1804     | 28389    | 2420     | 1661     | 365      | 604      | 9842     | miRNA |
| hsa-miR-181a-1  | chr1  | 1.99E+08 | 1.99E+08 | -      | 6249     | 4850     | 21697    | 3257     | 12645    | 4425     | 4598     | 1209     | 9670     | 9696     | miRNA |
| hsa-miR-181a-2  | chr9  | 1.27E+08 | 1.27E+08 | +      | 6239     | 4904     | 21695    | 3306     | 12745    | 4396     | 4661     | 1205     | 9724     | 9795     | miRNA |
| hsa-miR-320b    | chr1  | 1.17E+08 | 1.17E+08 | +      | 6198     | 3627     | 104593   | 2540     | 5972     | 2155     | 6732     | 290      | 12002    | 6355     | miRNA |
| hsa-miR-320b-2  | chr1  | 2.24E+08 | 2.24E+08 | -      | 6198     | 3627     | 104593   | 2540     | 5972     | 2155     | 6732     | 290      | 12002    | 6355     | miRNA |
| hsa-miR-181a-5p | chr1  | 1.99E+08 | 1.99E+08 | -      | 6174     | 4772     | 21608    | 3221     | 12535    | 4396     | 4553     | 1205     | 9646     | 9636     | miRNA |
| hsa-miR-378a-3p | chr5  | 1.49E+08 | 1.49E+08 | +      | 6151     | 2476     | 14184    | 1908     | 7393     | 1381     | 4741     | 412      | 9025     | 7858     | miRNA |
| hsa-miR-378a    | chr5  | 1.49E+08 | 1.49E+08 | +      | 6151     | 2476     | 14184    | 1908     | 7399     | 1381     | 4741     | 412      | 9044     | 7858     | miRNA |
| hsa-miR-320b-1  | chr1  | 1.17E+08 | 1.17E+08 | +      | 6023     | 3666     | 104048   | 2617     | 5904     | 2211     | 6343     | 293      | 11706    | 6232     | miRNA |
| hsa-miR-106b    | chr7  | 99691616 | 99691697 | -      | 5137     | 2790     | 20635    | 2456     | 5322     | 1845     | 8149     | 378      | 17182    | 13634    | miRNA |
| hsa-miR-185-5p  | chr22 | 20020676 | 20020697 | +      | 5031     | 1921     | 20952    | 1359     | 4995     | 2095     | 13784    | 186      | 19605    | 7551     | miRNA |
| hsa-miR-185     | chr22 | 20020662 | 20020743 | +      | 5031     | 1989     | 21068    | 1446     | 5080     | 2132     | 13821    | 187      | 19672    | 7640     | miRNA |
| hsa-miR-142     | chr17 | 56408593 | 56408679 | -      | 4782     | 3789     | 17784    | 2695     | 8384     | 3078     | 8239     | 959      | 9284     | 9294     | miRNA |
| hsa-miR-30e     | chr1  | 41220027 | 41220118 | +      | 4750     | 2417     | 29341    | 3506     | 7853     | 3028     | 9148     | 653      | 12674    | 8386     | miRNA |
| hsa-miR-30e-5p  | chr1  | 41220043 | 41220064 | +      | 4650     | 2254     | 29137    | 3391     | 7347     | 3021     | 9039     | 437      | 12535    | 8039     | miRNA |
| hsa-miR-142-5p  | chr17 | 56408644 | 56408664 | -      | 4291     | 3416     | 16981    | 2263     | 7082     | 2328     | 7765     | 666      | 8564     | 7397     | miRNA |
| hsa-miR-144     | chr17 | 27188551 | 27188636 | -      | 4290     | 7090     | 42779    | 3278     | 4803     | 2243     | 19327    | 69       | 14328    | 19207    | miRNA |
| hsa-miR-191</   |       |          |          |        |          |          |          |          |          |          |          |          |          |          |       |

|                 |       |          |            |      |      |       |      |       |      |       |      |       |       |       |
|-----------------|-------|----------|------------|------|------|-------|------|-------|------|-------|------|-------|-------|-------|
| hsa-mir-146a    | chr5  | 1.6E+08  | 1.6E+08 +  | 3606 | 1402 | 2811  | 2100 | 3753  | 1680 | 691   | 1090 | 1503  | 2152  | miRNA |
| hsa-miR-744-5p  | chr17 | 11985226 | 11985247 + | 3592 | 3228 | 2038  | 1734 | 7571  | 2984 | 1534  | 203  | 1763  | 4673  | miRNA |
| hsa-mir-744     | chr17 | 11985216 | 11985313 + | 3592 | 3228 | 2038  | 1736 | 7607  | 2984 | 1534  | 203  | 1763  | 4673  | miRNA |
| hsa-miR-155-5p  | chr21 | 26946295 | 26946318 + | 3496 | 2498 | 981   | 1941 | 1980  | 1070 | 1561  | 1755 | 1686  | 4357  | miRNA |
| hsa-mir-155     | chr21 | 26946292 | 26946356 + | 3496 | 2498 | 981   | 1941 | 1980  | 1070 | 1561  | 1755 | 1686  | 4357  | miRNA |
| hsa-miR-148a-3p | chr7  | 25989542 | 25989563 - | 3491 | 2033 | 8242  | 1896 | 5866  | 1315 | 2222  | 273  | 3807  | 3752  | miRNA |
| hsa-miR-17-5p   | chr13 | 92002872 | 92002894 + | 3326 | 2210 | 2813  | 921  | 6237  | 1324 | 2176  | 0    | 3940  | 6084  | miRNA |
| hsa-mir-17      | chr13 | 92002859 | 92002942 + | 3326 | 2281 | 4753  | 976  | 6373  | 1385 | 2748  | 0    | 4548  | 6531  | miRNA |
| hsa-miR-106a-5p | chrX  | 1.33E+08 | 1.33E+08 - | 3311 | 1863 | 2737  | 843  | 538   | 1287 | 2106  | 0    | 4606  | 5921  | miRNA |
| hsa-mir-106a    | chrX  | 1.33E+08 | 1.33E+08 - | 3311 | 1863 | 2778  | 843  | 538   | 1288 | 2106  | 0    | 4656  | 5921  | miRNA |
| hsa-miR-143-3p  | chr5  | 1.49E+08 | 1.49E+08 + | 3224 | 4147 | 7371  | 2518 | 8158  | 1612 | 1582  | 509  | 1296  | 5449  | miRNA |
| hsa-mir-143     | chr5  | 1.49E+08 | 1.49E+08 + | 3224 | 4147 | 7371  | 2518 | 8176  | 1612 | 1582  | 509  | 1296  | 5449  | miRNA |
| hsa-miR-144-3p  | chr17 | 27188566 | 27188585 - | 3103 | 2148 | 30370 | 1917 | 2240  | 1507 | 13072 | 69   | 11111 | 13596 | miRNA |
| hsa-miR-98-5p   | chrX  | 53583260 | 53583281 - | 2768 | 7743 | 7568  | 2785 | 16207 | 3658 | 4703  | 425  | 4072  | 10895 | miRNA |
| hsa-mir-98      | chrX  | 53583184 | 53583302 - | 2768 | 7743 | 7568  | 2785 | 16207 | 3658 | 4703  | 425  | 4083  | 10895 | miRNA |
| hsa-miR-151a-3p | chr8  | 1.42E+08 | 1.42E+08 - | 2696 | 1531 | 4857  | 2291 | 4984  | 1702 | 1212  | 486  | 2358  | 3647  | miRNA |
| hsa-mir-27a     | chr19 | 13947254 | 13947311 - | 1799 | 2281 | 5591  | 1024 | 3614  | 965  | 1570  | 366  | 709   | 2399  | miRNA |
| hsa-miR-20a-5p  | chr13 | 92003326 | 92003348 + | 1761 | 2529 | 6823  | 974  | 6079  | 1420 | 4282  | 53   | 9122  | 9455  | miRNA |
| hsa-mir-20a     | chr13 | 92003319 | 92003389 + | 1761 | 2529 | 6823  | 974  | 6086  | 1420 | 4282  | 53   | 9122  | 9455  | miRNA |
| hsa-miR-27a-3p  | chr19 | 13947261 | 13947281 - | 1726 | 2281 | 5591  | 1024 | 3569  | 965  | 1570  | 366  | 699   | 2360  | miRNA |
| hsa-mir-320c-1  | chr18 | 19263479 | 19263550 + | 1539 | 940  | 15269 | 700  | 2458  | 576  | 1742  | 208  | 3994  | 1713  | miRNA |
| hsa-miR-106b-5p | chr7  | 99691666 | 99691686 - | 1480 | 753  | 5739  | 431  | 1639  | 432  | 2120  | 29   | 4869  | 3803  | miRNA |
| hsa-mir-320c    | chr18 | 19263520 | 19263539 + | 1375 | 988  | 15493 | 755  | 2472  | 595  | 1786  | 209  | 3957  | 1777  | miRNA |
| hsa-mir-320c-2  | chr18 | 21901639 | 21901710 + | 1375 | 988  | 15493 | 755  | 2472  | 595  | 1786  | 209  | 3957  | 1777  | miRNA |
| hsa-mir-126     | chr9  | 1.4E+08  | 1.4E+08 +  | 1340 | 3319 | 4469  | 2181 | 6713  | 3444 | 2629  | 410  | 2527  | 2953  | miRNA |
| hsa-miR-146b-5p | chr10 | 1.04E+08 | 1.04E+08 + | 1227 | 622  | 277   | 698  | 972   | 401  | 481   | 697  | 203   | 848   | miRNA |
| hsa-mir-146b    | chr10 | 1.04E+08 | 1.04E+08 + | 1227 | 622  | 299   | 698  | 1001  | 443  | 493   | 697  | 249   | 848   | miRNA |
| hsa-miR-27b-3p  | chr9  | 97847787 | 97847807 + | 1226 | 1672 | 5368  | 1235 | 3161  | 882  | 1400  | 565  | 1225  | 1852  | miRNA |
| hsa-mir-27b     | chr9  | 97847727 | 97847823 + | 1226 | 1672 | 5368  | 1235 | 3215  | 882  | 1400  | 565  | 1250  | 1896  | miRNA |
| hsa-miR-144-5p  | chr17 | 27188601 | 27188622 - | 1187 | 4942 | 12409 | 1361 | 2563  | 736  | 6255  | 0    | 3239  | 5611  | miRNA |
| hsa-mir-30a     | chr6  | 72113254 | 72113324 - | 1180 | 2077 | 8516  | 1196 | 3270  | 1525 | 2332  | 1096 | 719   | 2906  | miRNA |
| hsa-miR-30a-5p  | chr6  | 72113298 | 72113319 - | 1178 | 2020 | 8387  | 1195 | 3144  | 1483 | 2316  | 1026 | 696   | 2839  | miRNA |
| hsa-miR-4508    | chr15 | 23807254 | 23807270 - | 1169 | 1546 | 6329  | 815  | 109   | 802  | 4774  | 35   | 1186  | 4270  | miRNA |
| hsa-mir-4508    | chr15 | 23807209 | 23807278 - | 1169 | 1546 | 6329  | 815  | 109   | 802  | 4774  | 35   | 1186  | 4270  | miRNA |
| hsa-miR-432-5p  | chr14 | 1.01E+08 | 1.01E+08 + | 1144 | 751  | 288   | 3224 | 4671  | 1106 | 189   | 92   | 681   | 138   | miRNA |
| hsa-mir-432     | chr14 | 1.01E+08 | 1.01E+08 + | 1144 | 751  | 288   | 3224 | 4671  | 1106 | 189   | 92   | 681   | 138   | miRNA |
| hsa-miR-12136   | chr1  | 568048   | 568065 -   | 1106 | 761  | 216   | 1252 | 1940  | 243  | 246   | 0    | 341   | 2886  | miRNA |
| hsa-mir-12136   | chr1  | 567995   | 568065 -   | 1106 | 777  | 216   | 1252 | 1940  | 243  | 246   | 0    | 341   | 2886  | miRNA |
| hsa-miR-340-5p  | chr5  | 1.79E+08 | 1.79E+08 - | 1056 | 831  | 1247  | 247  | 908   | 887  | 389   | 0    | 622   | 1512  | miRNA |
| hsa-mir-340     | chr5  | 1.79E+08 | 1.79E+08 - | 1056 | 893  | 1297  | 321  | 977   | 926  | 389   | 0    | 622   | 1513  | miRNA |
| hsa-mir-28      | chr3  | 1.88E+08 | 1.88E+08 + | 1026 | 919  | 941   | 879  | 2271  | 727  | 216   | 530  | 466   | 1471  | miRNA |
| hsa-miR-28-3p   | chr3  | 1.88E+08 | 1.88E+08 + | 1016 | 695  | 785   | 762  | 1423  | 587  | 195   | 482  | 310   | 1107  | miRNA |
| hsa-miR-423-3p  | chr17 | 28444149 | 28444171 + | 1008 | 854  | 1635  | 287  | 2101  | 1075 | 406   | 161  | 1288  | 1302  | miRNA |
| hsa-miR-151a-5p | chr8  | 1.42E+08 | 1.42E+08 - | 997  | 371  | 834   | 302  | 1522  | 465  | 136   | 68   | 301   | 631   | miRNA |
| hsa-miR-3615    | chr17 | 72744802 | 72744822 + | 994  | 1227 | 5491  | 217  | 338   | 253  | 1274  | 74   | 2963  | 4235  | miRNA |
| hsa-mir-3615    | chr17 | 72744752 | 72744838 + | 994  | 1227 | 5491  | 217  | 338   | 253  | 1274  | 74   | 2963  | 4235  | miRNA |
| hsa-miR-134-5p  | chr14 | 1.02E+08 | 1.02E+08 + | 965  | 149  | 432   | 859  | 946   | 282  | 0     | 90   | 49    | 118   | miRNA |
| hsa-mir-134     | chr14 | 1.02E+08 | 1.02E+08 + | 965  | 149  | 432   | 859  | 946   | 282  | 0     | 90   | 49    | 118   | miRNA |
| hsa-mir-320d-1  | chr13 | 41301952 | 41302023 - | 957  | 613  | 6926  | 449  | 1880  | 252  | 1101  | 140  | 2851  | 1203  | miRNA |
| hsa-miR-320d    | chr13 | 41301964 | 41301982 - | 915  | 569  | 6120  | 425  | 1825  | 234  | 899   | 139  | 2703  | 1022  | miRNA |
| hsa-mir-320d-2  | chrX  | 1.4E+08  | 1.4E+08 -  | 915  | 569  | 6120  | 425  | 1825  | 234  | 899   | 139  | 2703  | 1022  | miRNA |
| hsa-miR-130a-3p | chr11 | 57408725 | 57408746 + | 901  | 628  | 8540  | 334  | 764   | 534  | 1227  | 142  | 590   | 798   | miRNA |
| hsa-mir-130a    | chr11 | 57408671 | 57408759 + | 901  | 628  | 8540  | 334  | 777   | 534  | 1228  | 142  | 590   | 798   | miRNA |
| hsa-miR-186-5p  | chr1  | 71533364 | 71533385 - | 896  | 418  | 1816  | 499  | 948   | 668  | 1026  | 188  | 1223  | 1729  | miRNA |
| hsa-mir-186     | chr1  | 71533314 | 71533399 - | 896  | 418  | 1816  | 499  | 948   | 668  | 1026  | 188  | 1223  | 1729  | miRNA |
| hsa-miR-16-2-3p | chr3  | 1.6E+08  | 1.6E+08 +  | 867  | 1027 | 13121 | 586  | 1317  | 650  | 4374  | 148  | 6642  | 3242  | miRNA |
| hsa-miR-126-5p  | chr9  | 1.4E+08  | 1.4E+08 +  | 839  | 1996 | 3452  | 1479 | 2199  | 1840 | 1637  | 365  | 1720  | 1721  | miRNA |
| hsa-mir-425     | chr3  | 49057581 | 49057667 - | 709  | 539  | 3610  | 469  | 1374  | 511  | 1963  | 249  | 2441  | 1539  | miRNA |
| hsa-miR-486-3p  | chr8  | 41517961 | 41517981 - | 703  | 235  | 4106  | 39   | 1152  | 241  | 3628  | 70   | 4979  | 1328  | miRNA |
| hsa-mir-130b    | chr22 | 22007593 | 22007674 + | 679  | 503  | 8757  | 467  | 940   | 365  | 1321  | 286  | 1647  | 1138  | miRNA |
| hsa-miR-99b-5p  | chr19 | 52195871 | 52195892 + | 664  | 38   | 128   | 0    | 19    | 127  | 0     | 57   | 16    | 41    | miRNA |
| hsa-mir-99b     | chr19 | 52195865 | 52195934 + | 664  | 80   | 160   | 149  | 97    | 178  | 0     | 57   | 40    | 95    | miRNA |
| hsa-mir-941-2   | chr20 | 62550858 | 62550929 + | 648  | 130  | 264   | 0    | 371   | 0    | 202   | 78   | 340   | 0     | miRNA |
| hsa-mir-941-3   | chr20 | 62550914 | 62550985 + | 648  | 130  | 264   | 0    | 371   | 0    | 202   | 78   | 340   | 0     | miRNA |
| hsa-mir-941-4   | chr20 | 62551109 | 62551180 + | 648  | 130  | 264   | 0    | 371   | 0    | 202   | 78   | 340   | 0     | miRNA |
| hsa-mir-941-5   | chr20 | 62551221 | 62551292 + | 648  | 130  | 264   | 0    | 371   | 0    | 202   | 78   | 340   | 0     | miRNA |
| hsa-miR-409-3p  | chr14 | 1.02E+08 | 1.02E+08 + | 614  | 415  | 228   | 2084 | 3160  | 740  | 0     | 0    | 193   | 208   | miRNA |
| hsa-mir-409     | chr14 | 1.02E+08 | 1.02E+08 + | 614  | 415  | 228   | 2084 | 3160  | 740  | 0     | 0    | 193   | 208   | miRNA |
| hsa-mir-1307    | chr10 | 1.05E+08 | 1.05E+08 - | 600  | 207  | 1046  | 370  | 554   | 421  | 284   | 220  | 454   | 521   | miRNA |
| hsa-miR-130b-3p | chr22 | 22007643 | 22007664 + | 599  | 418  | 8712  | 351  | 740   | 219  | 1286  | 286  | 1620  | 1138  | miRNA |
| hsa-miR-223-5p  | chrX  | 65238737 | 65238758 + | 595  | 330  | 611   | 506  | 2656  | 220  | 49    | 0    | 71    | 1277  | miRNA |
| hsa-miR-378c    | chr10 | 1.33E+08 | 1.33E+08 - | 579  | 301  | 1846  | 238  | 572   | 87   | 700   | 66   | 1582  | 606   | miRNA |
| hsa-mir-378c    | chr10 | 1.33E+08 | 1.33E+08 - | 579  | 301  | 1846  | 238  | 572   | 87   | 700   | 66   | 1582  | 606   | miRNA |
| hsa-mir-23a     | chr19 | 13947401 | 13947473 - | 575  | 541  | 3601  | 398  | 2202  | 338  | 325   | 1    | 206   | 810   | miRNA |
| hsa-miR-23a-3p  | chr19 | 13947409 | 13947429 - | 562  | 541  | 3596  | 370  | 2193  | 338  | 325   | 1    | 206   | 810   | miRNA |
| hsa-miR-4446-3p | chr3  | 1.13E+08 | 1.13E+08 + | 550  | 123  | 35    | 60   | 418   | 289  | 49    | 34   | 63    | 181   | miRNA |
| hsa-mir-4446    | chr3  | 1.13E+08 | 1.13E+08 + | 550  | 123  | 35    | 60   | 418   | 289  | 49    | 34   | 63    | 181   | miRNA |
| hsa-miR-1307-3p | chr10 | 1.05E+08 | 1.05E+08 - | 545  | 186  | 731   | 311  | 445   | 355  | 208   | 189  | 320   | 324   | miRNA |
| hsa-miR-15b-5p  | chr3  | 1.6E+08  | 1.6E+08 +  | 544  | 532  | 4039  | 437  | 1423  | 160  | 956   | 0    | 3027  | 891   | miRNA |
| hsa-miR-19a-3p  | chr13 | 92003193 | 92003215 + | 544  | 1716 | 5707  | 866  | 1312  | 558  | 2509  | 272  | 5289  | 3705  | miRNA |
| hsa-mir-15b     | chr3  | 1.6E+08  | 1.6E+08 +  | 544  | 597  | 4467  | 548  | 1541  | 200  | 1120  | 0    | 3393  | 891   | miRNA |
| hsa-mir-19a     | chr13 | 92003145 | 92003226 + | 544  | 1716 | 5707  | 866  | 1312  | 558  | 2509  | 272  | 5289  | 3706  | miRNA |
| hsa-miR-10b-5p  | chr2  | 1.77E+08 | 1.77E+08 + | 537  | 1952 | 14590 | 1188 | 885   | 1544 | 3444  | 300  | 817   | 1123  | miRNA |

|                  |       |          |            |     |      |       |      |      |      |      |      |      |      |       |
|------------------|-------|----------|------------|-----|------|-------|------|------|------|------|------|------|------|-------|
| hsa-mir-10b      | chr2  | 1.77E+08 | 1.77E+08 + | 537 | 1952 | 14622 | 1188 | 885  | 1544 | 3444 | 300  | 817  | 1123 | miRNA |
| hsa-miR-181b-5p  | chr1  | 1.99E+08 | 1.99E+08 - | 520 | 677  | 2087  | 484  | 1293 | 788  | 596  | 175  | 1173 | 1456 | miRNA |
| hsa-mir-181b-2   | chr9  | 1.27E+08 | 1.27E+08 + | 520 | 677  | 2088  | 484  | 1293 | 788  | 596  | 175  | 1173 | 1456 | miRNA |
| hsa-miR-425-5p   | chr3  | 49057632 | 49057654 + | 518 | 297  | 2623  | 184  | 824  | 327  | 1322 | 160  | 1590 | 1228 | miRNA |
| hsa-miR-328-3p   | chr16 | 67236230 | 67236251 - | 505 | 135  | 52    | 228  | 328  | 38   | 76   | 31   | 122  | 435  | miRNA |
| hsa-mir-328      | chr16 | 67236224 | 67236298 - | 505 | 135  | 52    | 228  | 328  | 38   | 76   | 31   | 122  | 435  | miRNA |
| hsa-miR-126-3p   | chr9  | 1.4E+08  | 1.4E+08 +  | 501 | 1323 | 1017  | 702  | 4514 | 1604 | 992  | 45   | 807  | 1232 | miRNA |
| hsa-miR-222-3p   | chrX  | 45606442 | 45606462 - | 494 | 1177 | 1251  | 190  | 2830 | 1079 | 269  | 184  | 496  | 1768 | miRNA |
| hsa-mir-222      | chrX  | 45606421 | 45606530 - | 494 | 1177 | 1251  | 190  | 2830 | 1079 | 269  | 184  | 496  | 1768 | miRNA |
| hsa-mir-345      | chr14 | 1.01E+08 | 1.01E+08 + | 493 | 84   | 782   | 2    | 612  | 245  | 256  | 42   | 313  | 436  | miRNA |
| hsa-miR-142-3p   | chr17 | 56408606 | 56408628 - | 491 | 373  | 803   | 432  | 1302 | 750  | 474  | 293  | 720  | 1897 | miRNA |
| hsa-miR-345-5p   | chr14 | 1.01E+08 | 1.01E+08 + | 487 | 78   | 763   | 0    | 597  | 244  | 252  | 42   | 300  | 428  | miRNA |
| hsa-mir-148b     | chr12 | 54731000 | 54731098 + | 467 | 725  | 3131  | 227  | 1389 | 611  | 981  | 386  | 2257 | 1700 | miRNA |
| hsa-mir-181b-1   | chr1  | 1.99E+08 | 1.99E+08 - | 466 | 660  | 2060  | 484  | 1213 | 565  | 596  | 174  | 1172 | 1385 | miRNA |
| hsa-miR-1246     | chr2  | 1.77E+08 | 1.77E+08 - | 440 | 779  | 391   | 1601 | 644  | 1019 | 476  | 1165 | 201  | 1080 | miRNA |
| hsa-mir-1246     | chr2  | 1.77E+08 | 1.77E+08 - | 440 | 779  | 391   | 1601 | 644  | 1019 | 476  | 1165 | 201  | 1080 | miRNA |
| hsa-miR-629-5p   | chr15 | 70371766 | 70371786 - | 428 | 225  | 4494  | 351  | 705  | 180  | 888  | 24   | 2196 | 979  | miRNA |
| hsa-mir-629      | chr15 | 70371711 | 70371807 - | 428 | 225  | 4511  | 351  | 705  | 180  | 888  | 24   | 2196 | 979  | miRNA |
| hsa-miR-148b-3p  | chr12 | 54731062 | 54731083 + | 425 | 696  | 3086  | 227  | 1320 | 611  | 981  | 271  | 2257 | 1700 | miRNA |
| hsa-miR-10a-5p   | chr17 | 46657266 | 46657288 - | 423 | 577  | 3039  | 133  | 191  | 330  | 278  | 172  | 95   | 426  | miRNA |
| hsa-mir-10a      | chr17 | 46657200 | 46657309 - | 423 | 577  | 3159  | 133  | 203  | 330  | 334  | 172  | 95   | 426  | miRNA |
| hsa-mir-7-1      | chr9  | 86584663 | 86584772 - | 420 | 430  | 1593  | 270  | 843  | 178  | 975  | 0    | 1174 | 1578 | miRNA |
| hsa-miR-484      | chr16 | 15737158 | 15737179 + | 414 | 292  | 1913  | 136  | 846  | 210  | 739  | 48   | 1803 | 810  | miRNA |
| hsa-mir-484      | chr16 | 15737151 | 15737229 + | 414 | 292  | 1913  | 136  | 846  | 210  | 739  | 48   | 1803 | 810  | miRNA |
| hsa-miR-182-5p   | chr7  | 1.29E+08 | 1.29E+08 - | 412 | 1111 | 2649  | 772  | 809  | 412  | 1097 | 339  | 1164 | 1493 | miRNA |
| hsa-mir-182      | chr7  | 1.29E+08 | 1.29E+08 - | 412 | 1130 | 2649  | 772  | 821  | 412  | 1097 | 339  | 1164 | 1493 | miRNA |
| hsa-miR-548j-5p  | chr22 | 26951240 | 26951261 - | 411 | 26   | 114   | 0    | 106  | 43   | 0    | 0    | 30   | 0    | miRNA |
| hsa-mir-548j     | chr22 | 26951178 | 26951289 - | 411 | 26   | 114   | 0    | 106  | 44   | 0    | 0    | 30   | 0    | miRNA |
| hsa-miR-29a-3p   | chr7  | 1.31E+08 | 1.31E+08 - | 398 | 123  | 1102  | 127  | 475  | 83   | 214  | 44   | 109  | 374  | miRNA |
| hsa-mir-29a      | chr7  | 1.31E+08 | 1.31E+08 - | 398 | 123  | 1102  | 127  | 475  | 83   | 214  | 44   | 109  | 374  | miRNA |
| hsa-miR-127-3p   | chr14 | 1.01E+08 | 1.01E+08 + | 389 | 30   | 0     | 179  | 104  | 93   | 0    | 0    | 11   | 9    | miRNA |
| hsa-mir-127      | chr14 | 1.01E+08 | 1.01E+08 + | 389 | 44   | 0     | 246  | 129  | 93   | 0    | 39   | 11   | 57   | miRNA |
| hsa-miR-542-3p   | chrX  | 1.34E+08 | 1.34E+08 - | 384 | 147  | 154   | 114  | 106  | 60   | 0    | 0    | 48   | 182  | miRNA |
| hsa-mir-542      | chrX  | 1.34E+08 | 1.34E+08 - | 384 | 147  | 188   | 114  | 112  | 60   | 0    | 0    | 48   | 182  | miRNA |
| hsa-mir-361      | chrX  | 85158641 | 85158712 - | 382 | 379  | 864   | 196  | 901  | 137  | 308  | 0    | 484  | 452  | miRNA |
| hsa-miR-382-5p   | chr14 | 1.02E+08 | 1.02E+08 + | 377 | 353  | 517   | 2250 | 2599 | 535  | 162  | 56   | 201  | 303  | miRNA |
| hsa-mir-382      | chr14 | 1.02E+08 | 1.02E+08 + | 377 | 373  | 551   | 2255 | 2705 | 535  | 205  | 56   | 217  | 303  | miRNA |
| hsa-miR-660-5p   | chrX  | 49777864 | 49777885 + | 363 | 498  | 6724  | 652  | 687  | 521  | 1015 | 74   | 3162 | 1171 | miRNA |
| hsa-mir-660      | chrX  | 49777849 | 49777945 + | 363 | 498  | 6724  | 652  | 694  | 521  | 1071 | 74   | 3186 | 1171 | miRNA |
| hsa-mir-532      | chrX  | 49767754 | 49767844 + | 362 | 595  | 3402  | 511  | 781  | 146  | 1004 | 0    | 2337 | 1332 | miRNA |
| hsa-miR-152-3p   | chr17 | 46114540 | 46114560 + | 357 | 233  | 384   | 337  | 990  | 291  | 140  | 117  | 127  | 582  | miRNA |
| hsa-mir-152      | chr17 | 46114527 | 46114613 - | 357 | 233  | 384   | 337  | 990  | 291  | 140  | 117  | 127  | 583  | miRNA |
| hsa-miR-378i     | chr22 | 42319275 | 42319295 - | 349 | 30   | 360   | 148  | 196  | 86   | 91   | 3    | 373  | 347  | miRNA |
| hsa-mir-378i     | chr22 | 42319226 | 42319301 + | 349 | 30   | 360   | 148  | 196  | 86   | 91   | 3    | 373  | 347  | miRNA |
| hsa-miR-192-5p   | chr11 | 64658675 | 64658695 - | 338 | 502  | 2938  | 627  | 2682 | 1019 | 2102 | 153  | 1625 | 1508 | miRNA |
| hsa-mir-192      | chr11 | 64658609 | 64658718 - | 338 | 502  | 2938  | 627  | 2682 | 1019 | 2102 | 153  | 1625 | 1508 | miRNA |
| hsa-miR-301a-3p  | chr17 | 57228510 | 57228532 - | 329 | 359  | 152   | 176  | 625  | 256  | 67   | 0    | 47   | 321  | miRNA |
| hsa-miR-421      | chrX  | 73438227 | 73438249 + | 329 | 309  | 2762  | 220  | 767  | 176  | 854  | 39   | 1376 | 1093 | miRNA |
| hsa-mir-301a     | chr17 | 57228497 | 57228582 - | 329 | 359  | 152   | 176  | 625  | 256  | 67   | 0    | 47   | 321  | miRNA |
| hsa-mir-421      | chrX  | 73438212 | 73438296 - | 329 | 309  | 2762  | 220  | 767  | 176  | 854  | 39   | 1376 | 1093 | miRNA |
| hsa-miR-449c-5p  | chr5  | 54468141 | 54468165 - | 326 | 190  | 90    | 72   | 92   | 208  | 92   | 0    | 102  | 149  | miRNA |
| hsa-mir-449c     | chr5  | 54468090 | 54468181 - | 326 | 190  | 90    | 72   | 93   | 208  | 92   | 0    | 102  | 149  | miRNA |
| hsa-miR-7-5p     | chr15 | 89155087 | 89155110 + | 325 | 411  | 1542  | 270  | 764  | 178  | 905  | 0    | 1152 | 1578 | miRNA |
| hsa-mir-7-2      | chr15 | 89155056 | 89155165 + | 325 | 409  | 1552  | 270  | 747  | 168  | 905  | 0    | 1153 | 1578 | miRNA |
| hsa-mir-7-3      | chr19 | 4770682  | 4770791 +  | 325 | 407  | 1541  | 270  | 746  | 168  | 905  | 0    | 1152 | 1578 | miRNA |
| hsa-mir-941-1    | chr20 | 62550802 | 62550873 + | 325 | 65   | 132   | 0    | 206  | 0    | 101  | 39   | 170  | 39   | miRNA |
| hsa-miR-941      | chr20 | 62550848 | 62550870 + | 324 | 65   | 132   | 0    | 186  | 0    | 101  | 39   | 170  | 0    | miRNA |
| hsa-miR-181d-5p  | chr19 | 13985724 | 13985746 + | 319 | 96   | 57    | 76   | 256  | 64   | 33   | 0    | 0    | 233  | miRNA |
| hsa-mir-181d     | chr19 | 13985689 | 13985825 + | 319 | 96   | 57    | 76   | 256  | 64   | 33   | 0    | 0    | 233  | miRNA |
| hsa-miR-342-5p   | chr14 | 1.01E+08 | 1.01E+08 + | 294 | 54   | 219   | 20   | 206  | 161  | 141  | 0    | 77   | 214  | miRNA |
| hsa-mir-342      | chr14 | 1.01E+08 | 1.01E+08 + | 294 | 54   | 250   | 134  | 232  | 201  | 223  | 0    | 95   | 214  | miRNA |
| hsa-miR-10395-5p | chr19 | 12814461 | 12814478 - | 290 | 58   | 0     | 0    | 0    | 0    | 0    | 121  | 61   | 225  | miRNA |
| hsa-mir-10395    | chr19 | 12814415 | 12814478 - | 290 | 58   | 0     | 0    | 3    | 0    | 0    | 121  | 61   | 225  | miRNA |
| hsa-miR-769-5p   | chr19 | 46522219 | 46522240 + | 289 | 94   | 173   | 109  | 80   | 107  | 146  | 33   | 53   | 202  | miRNA |
| hsa-mir-769      | chr19 | 46522190 | 46522307 + | 289 | 115  | 173   | 109  | 80   | 107  | 146  | 33   | 84   | 202  | miRNA |
| hsa-mir-654      | chr14 | 1.02E+08 | 1.02E+08 + | 280 | 23   | 39    | 299  | 376  | 110  | 0    | 81   | 34   | 45   | miRNA |
| hsa-miR-532-5p   | chrX  | 49767773 | 49767794 + | 270 | 541  | 2785  | 484  | 729  | 111  | 745  | 0    | 2079 | 1144 | miRNA |
| hsa-mir-576      | chr4  | 1.1E+08  | 1.1E+08 +  | 262 | 161  | 574   | 40   | 263  | 0    | 292  | 0    | 75   | 175  | miRNA |
| hsa-miR-140-5p   | chr16 | 69967006 | 69967027 + | 260 | 184  | 703   | 143  | 701  | 294  | 324  | 20   | 155  | 904  | miRNA |
| hsa-mir-324      | chr17 | 7126616  | 7126698 -  | 260 | 106  | 1190  | 257  | 305  | 20   | 567  | 7    | 713  | 708  | miRNA |
| hsa-miR-324-5p   | chr17 | 7126662  | 7126683 -  | 257 | 17   | 489   | 199  | 155  | 2    | 239  | 7    | 258  | 269  | miRNA |
| hsa-miR-375-3p   | chr2  | 2.2E+08  | 2.2E+08 -  | 256 | 102  | 947   | 0    | 448  | 133  | 85   | 0    | 39   | 92   | miRNA |
| hsa-miR-584-5p   | chr5  | 1.48E+08 | 1.48E+08 - | 256 | 419  | 2413  | 389  | 860  | 556  | 352  | 90   | 482  | 462  | miRNA |
| hsa-mir-375      | chr2  | 2.2E+08  | 2.2E+08 -  | 256 | 102  | 947   | 0    | 448  | 133  | 85   | 0    | 39   | 92   | miRNA |
| hsa-mir-584      | chr5  | 1.48E+08 | 1.48E+08 - | 256 | 419  | 2413  | 389  | 860  | 556  | 352  | 90   | 482  | 462  | miRNA |
| hsa-miR-1908-5p  | chr11 | 61582681 | 61582701 - | 252 | 19   | 221   | 0    | 284  | 122  | 101  | 0    | 266  | 79   | miRNA |
| hsa-mir-1908     | chr11 | 61582633 | 61582712 - | 252 | 19   | 221   | 0    | 284  | 122  | 101  | 0    | 266  | 79   | miRNA |
| hsa-mir-374a     | chrX  | 73507121 | 73507192 - | 250 | 92   | 89    | 0    | 98   | 74   | 47   | 0    | 20   | 140  | miRNA |
| hsa-mir-128-1    | chr2  | 1.36E+08 | 1.36E+08 + | 246 | 580  | 5156  | 320  | 1575 | 575  | 1746 | 52   | 2724 | 1323 | miRNA |
| hsa-mir-125a     | chr19 | 52196507 | 52196592 + | 232 | 71   | 85    | 26   | 91   | 42   | 79   | 0    | 27   | 84   | miRNA |
| hsa-mir-625      | chr14 | 65937820 | 65937904 + | 232 | 448  | 121   | 10   | 593  | 127  | 196  | 0    | 153  | 173  | miRNA |
| hsa-mir-454      | chr17 | 57215119 | 57215233 + | 222 | 187  | 236   | 131  | 959  | 92   | 187  | 0    | 254  | 438  | miRNA |
| hsa-mir-4732     | chr17 | 27188673 | 27188748 - | 212 | 173  | 3017  | 50   | 209  | 364  | 1495 | 0    | 2753 | 1084 | miRNA |

|                  |       |          |          |   |     |     |      |     |      |     |      |     |      |      |       |
|------------------|-------|----------|----------|---|-----|-----|------|-----|------|-----|------|-----|------|------|-------|
| hsa-miR-10395-3p | chr19 | 12814415 | 12814435 | - | 200 | 48  | 0    | 0   | 3    | 0   | 0    | 116 | 54   | 168  | miRNA |
| hsa-miR-654-5p   | chr14 | 1.02E+08 | 1.02E+08 | + | 198 | 7   | 18   | 165 | 115  | 0   | 0    | 81  | 4    | 45   | miRNA |
| hsa-miR-181c-5p  | chr19 | 13985539 | 13985560 | + | 197 | 115 | 297  | 89  | 235  | 158 | 205  | 1   | 83   | 203  | miRNA |
| hsa-mir-181c     | chr19 | 13985513 | 13985622 | + | 197 | 138 | 366  | 145 | 290  | 205 | 205  | 1   | 83   | 295  | miRNA |
| hsa-miR-148a-5p  | chr7  | 25989580 | 25989601 | - | 194 | 50  | 57   | 0   | 196  | 16  | 0    | 0   | 0    | 120  | miRNA |
| hsa-mir-183      | chr7  | 1.29E+08 | 1.29E+08 | - | 194 | 19  | 71   | 0   | 6    | 0   | 170  | 0   | 66   | 46   | miRNA |
| hsa-miR-361-3p   | chrX  | 85158646 | 85158668 | - | 192 | 187 | 417  | 81  | 597  | 129 | 180  | 0   | 249  | 364  | miRNA |
| hsa-miR-425-3p   | chr3  | 49057592 | 49057613 | - | 191 | 242 | 987  | 285 | 550  | 184 | 641  | 89  | 851  | 311  | miRNA |
| hsa-miR-10527-5p | chr12 | 64217443 | 64217465 | + | 190 | 43  | 281  | 0   | 110  | 63  | 81   | 0   | 390  | 197  | miRNA |
| hsa-miR-361-5p   | chrX  | 85158686 | 85158707 | - | 190 | 192 | 447  | 115 | 304  | 8   | 128  | 0   | 235  | 88   | miRNA |
| hsa-mir-10527    | chr12 | 64217443 | 64217507 | + | 190 | 43  | 281  | 0   | 110  | 63  | 81   | 0   | 390  | 197  | miRNA |
| hsa-miR-454-3p   | chr17 | 57215148 | 57215170 | - | 189 | 146 | 157  | 131 | 872  | 92  | 155  | 0   | 116  | 425  | miRNA |
| hsa-miR-370-3p   | chr14 | 1.01E+08 | 1.01E+08 | + | 188 | 0   | 0    | 0   | 47   | 0   | 0    | 0   | 0    | 0    | miRNA |
| hsa-mir-370      | chr14 | 1.01E+08 | 1.01E+08 | + | 188 | 0   | 0    | 0   | 91   | 0   | 0    | 0   | 0    | 0    | miRNA |
| hsa-mir-339      | chr7  | 1062569  | 1062662  | - | 184 | 185 | 770  | 132 | 301  | 75  | 258  | 0   | 175  | 554  | miRNA |
| hsa-miR-203a-3p  | chr14 | 1.05E+08 | 1.05E+08 | + | 182 | 68  | 16   | 183 | 167  | 106 | 112  | 0   | 38   | 265  | miRNA |
| hsa-mir-203a     | chr14 | 1.05E+08 | 1.05E+08 | + | 182 | 68  | 16   | 183 | 188  | 106 | 112  | 0   | 58   | 265  | miRNA |
| hsa-miR-128-3p   | chr2  | 1.36E+08 | 1.36E+08 | + | 181 | 519 | 5121 | 319 | 1325 | 500 | 1714 | 52  | 2684 | 1184 | miRNA |
| hsa-miR-339-5p   | chr7  | 1062626  | 1062648  | - | 181 | 98  | 448  | 132 | 211  | 75  | 1    | 0   | 110  | 401  | miRNA |
| hsa-mir-128-2    | chr3  | 35785968 | 35786051 | + | 181 | 519 | 5121 | 319 | 1325 | 500 | 1714 | 52  | 2684 | 1184 | miRNA |
| hsa-miR-424-3p   | chrX  | 1.34E+08 | 1.34E+08 | - | 176 | 111 | 743  | 30  | 412  | 189 | 171  | 0   | 366  | 201  | miRNA |
| hsa-miR-576-3p   | chr4  | 1.1E+08  | 1.1E+08  | + | 176 | 161 | 488  | 40  | 222  | 0   | 142  | 0   | 75   | 132  | miRNA |
| hsa-mir-424      | chrX  | 1.34E+08 | 1.34E+08 | - | 176 | 138 | 1275 | 85  | 696  | 220 | 205  | 0   | 388  | 376  | miRNA |
| hsa-miR-4433b-3p | chr2  | 64567903 | 64567923 | - | 172 | 273 | 124  | 84  | 462  | 107 | 80   | 0   | 152  | 156  | miRNA |
| hsa-mir-4433b    | chr2  | 64567881 | 64567982 | - | 172 | 395 | 124  | 116 | 531  | 133 | 80   | 0   | 183  | 186  | miRNA |
| hsa-miR-374a-5p  | chrX  | 73507160 | 73507181 | - | 168 | 15  | 0    | 0   | 48   | 0   | 47   | 0   | 0    | 0    | miRNA |
| hsa-miR-410-3p   | chr14 | 1.02E+08 | 1.02E+08 | + | 168 | 69  | 66   | 80  | 237  | 60  | 187  | 0   | 51   | 58   | miRNA |
| hsa-mir-410      | chr14 | 1.02E+08 | 1.02E+08 | + | 168 | 69  | 66   | 80  | 237  | 60  | 187  | 0   | 51   | 58   | miRNA |
| hsa-miR-5010-5p  | chr17 | 40666226 | 40666247 | + | 167 | 41  | 788  | 41  | 67   | 97  | 473  | 0   | 631  | 130  | miRNA |
| hsa-mir-5010     | chr17 | 40666206 | 40666325 | + | 167 | 41  | 788  | 41  | 67   | 97  | 473  | 0   | 631  | 130  | miRNA |
| hsa-miR-1843     | chr1  | 1.76E+08 | 1.76E+08 | - | 166 | 146 | 226  | 292 | 345  | 153 | 217  | 0   | 203  | 397  | miRNA |
| hsa-miR-877-5p   | chr6  | 30552109 | 30552128 | + | 166 | 0   | 28   | 0   | 53   | 45  | 0    | 0   | 35   | 0    | miRNA |
| hsa-mir-1843     | chr1  | 1.76E+08 | 1.76E+08 | - | 166 | 156 | 226  | 334 | 378  | 153 | 217  | 0   | 203  | 397  | miRNA |
| hsa-mir-877      | chr6  | 30552109 | 30552194 | + | 166 | 33  | 28   | 0   | 55   | 45  | 0    | 0   | 35   | 0    | miRNA |
| hsa-miR-652-3p   | chrX  | 1.09E+08 | 1.09E+08 | + | 163 | 200 | 1751 | 113 | 673  | 36  | 435  | 49  | 1109 | 596  | miRNA |
| hsa-mir-652      | chrX  | 1.09E+08 | 1.09E+08 | + | 163 | 200 | 1751 | 113 | 673  | 60  | 435  | 49  | 1109 | 596  | miRNA |
| hsa-miR-125a-3p  | chr19 | 52196559 | 52196580 | + | 160 | 28  | 85   | 26  | 45   | 0   | 79   | 0   | 27   | 0    | miRNA |
| hsa-miR-3168     | chr13 | 41675212 | 41675228 | - | 159 | 82  | 127  | 550 | 55   | 177 | 175  | 349 | 151  | 276  | miRNA |
| hsa-mir-3168     | chr13 | 41675155 | 41675236 | - | 159 | 82  | 127  | 550 | 55   | 178 | 175  | 349 | 151  | 317  | miRNA |
| hsa-mir-3976     | chr18 | 5840694  | 5840832  | + | 159 | 19  | 91   | 210 | 161  | 177 | 122  | 0   | 43   | 313  | miRNA |
| hsa-miR-33b-5p   | chr17 | 17717211 | 17717230 | - | 158 | 18  | 986  | 160 | 60   | 66  | 351  | 41  | 485  | 114  | miRNA |
| hsa-mir-33b      | chr17 | 17717150 | 17717245 | - | 158 | 33  | 986  | 160 | 76   | 66  | 351  | 41  | 485  | 114  | miRNA |
| hsa-mir-1273h    | chr16 | 24214437 | 24214552 | + | 155 | 43  | 32   | 0   | 242  | 87  | 34   | 0   | 20   | 226  | miRNA |
| hsa-miR-625-3p   | chr14 | 65937871 | 65937892 | + | 154 | 366 | 0    | 10  | 308  | 79  | 62   | 0   | 90   | 89   | miRNA |
| hsa-miR-25-5p    | chr7  | 99691233 | 99691253 | - | 152 | 0   | 368  | 0   | 72   | 53  | 178  | 0   | 489  | 81   | miRNA |
| hsa-miR-483-5p   | chr11 | 2155411  | 2155432  | - | 152 | 27  | 5747 | 159 | 684  | 372 | 967  | 93  | 167  | 202  | miRNA |
| hsa-mir-483      | chr11 | 2155364  | 2155439  | - | 152 | 27  | 5747 | 159 | 694  | 372 | 967  | 93  | 169  | 202  | miRNA |
| hsa-miR-433-3p   | chr14 | 1.01E+08 | 1.01E+08 | + | 148 | 75  | 15   | 120 | 156  | 0   | 0    | 0   | 0    | 0    | miRNA |
| hsa-mir-433      | chr14 | 1.01E+08 | 1.01E+08 | + | 148 | 75  | 15   | 120 | 162  | 0   | 0    | 0   | 0    | 0    | miRNA |
| hsa-miR-431-5p   | chr14 | 1.01E+08 | 1.01E+08 | + | 143 | 88  | 28   | 176 | 435  | 147 | 0    | 0   | 43   | 0    | miRNA |
| hsa-miR-671-3p   | chr7  | 1.51E+08 | 1.51E+08 | + | 143 | 61  | 28   | 0   | 70   | 102 | 63   | 0   | 19   | 29   | miRNA |
| hsa-mir-431      | chr14 | 1.01E+08 | 1.01E+08 | + | 143 | 88  | 28   | 176 | 435  | 147 | 0    | 0   | 43   | 0    | miRNA |
| hsa-mir-671      | chr7  | 1.51E+08 | 1.51E+08 | + | 143 | 61  | 51   | 0   | 92   | 102 | 63   | 0   | 19   | 42   | miRNA |
| hsa-miR-4732-3p  | chr17 | 27188686 | 27188706 | - | 141 | 35  | 799  | 50  | 128  | 2   | 288  | 0   | 1114 | 438  | miRNA |
| hsa-miR-1291     | chr12 | 49048277 | 49048300 | - | 134 | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 21   | 0    | miRNA |
| hsa-mir-1291     | chr12 | 49048227 | 49048313 | - | 134 | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 21   | 0    | miRNA |
| hsa-miR-20b-5p   | chrX  | 1.33E+08 | 1.33E+08 | - | 126 | 356 | 1480 | 108 | 719  | 45  | 813  | 0   | 2359 | 1750 | miRNA |
| hsa-miR-29c-3p   | chr1  | 2.08E+08 | 2.08E+08 | - | 126 | 101 | 1242 | 199 | 128  | 22  | 191  | 0   | 596  | 154  | miRNA |
| hsa-mir-20b      | chrX  | 1.33E+08 | 1.33E+08 | - | 126 | 356 | 1480 | 108 | 719  | 45  | 813  | 0   | 2377 | 1772 | miRNA |
| hsa-mir-29c      | chr1  | 2.08E+08 | 2.08E+08 | - | 126 | 101 | 1320 | 199 | 148  | 22  | 232  | 0   | 596  | 154  | miRNA |
| hsa-miR-1273h-3p | chr16 | 24214507 | 24214528 | + | 117 | 0   | 0    | 0   | 146  | 0   | 0    | 0   | 20   | 80   | miRNA |
| hsa-mir-4258     | chr1  | 1.55E+08 | 1.55E+08 | + | 111 | 75  | 36   | 112 | 26   | 0   | 33   | 0   | 12   | 39   | miRNA |
| hsa-miR-4306     | chr13 | 1E+08    | 1E+08    | + | 110 | 17  | 600  | 0   | 48   | 25  | 449  | 0   | 354  | 75   | miRNA |
| hsa-mir-4306     | chr13 | 1E+08    | 1E+08    | + | 110 | 17  | 600  | 0   | 48   | 25  | 449  | 0   | 354  | 75   | miRNA |
| hsa-miR-493-5p   | chr14 | 1.01E+08 | 1.01E+08 | + | 107 | 252 | 60   | 576 | 1479 | 232 | 0    | 86  | 68   | 40   | miRNA |
| hsa-mir-493      | chr14 | 1.01E+08 | 1.01E+08 | + | 107 | 255 | 60   | 685 | 1544 | 232 | 0    | 86  | 76   | 40   | miRNA |
| hsa-miR-183-3p   | chr7  | 1.29E+08 | 1.29E+08 | - | 103 | 0   | 23   | 0   | 0    | 0   | 0    | 0   | 0    | 0    | miRNA |
| hsa-miR-30e-3p   | chr1  | 41220085 | 41220106 | + | 100 | 163 | 204  | 115 | 506  | 7   | 109  | 216 | 139  | 347  | miRNA |
| hsa-miR-766-5p   | chrX  | 1.19E+08 | 1.19E+08 | - | 97  | 53  | 69   | 66  | 98   | 59  | 0    | 0   | 91   | 83   | miRNA |
| hsa-mir-766      | chrX  | 1.19E+08 | 1.19E+08 | - | 97  | 53  | 69   | 66  | 118  | 59  | 0    | 0   | 108  | 83   | miRNA |
| hsa-miR-193a-5p  | chr17 | 29887035 | 29887056 | + | 95  | 38  | 173  | 0   | 204  | 31  | 84   | 0   | 34   | 73   | miRNA |
| hsa-miR-7-1-3p   | chr9  | 86584686 | 86584707 | - | 95  | 19  | 51   | 0   | 79   | 0   | 70   | 0   | 22   | 0    | miRNA |
| hsa-mir-193a     | chr17 | 29887015 | 29887102 | + | 95  | 38  | 173  | 0   | 204  | 31  | 84   | 0   | 34   | 73   | miRNA |
| hsa-miR-3138     | chr4  | 10080246 | 10080269 | - | 94  | 19  | 349  | 0   | 119  | 145 | 155  | 0   | 67   | 19   | miRNA |
| hsa-mir-3138     | chr4  | 10080235 | 10080316 | - | 94  | 19  | 349  | 0   | 119  | 145 | 155  | 0   | 67   | 19   | miRNA |
| hsa-miR-323a-3p  | chr14 | 1.01E+08 | 1.01E+08 | + | 93  | 55  | 111  | 177 | 371  | 105 | 54   | 0   | 17   | 44   | miRNA |
| hsa-miR-377-5p   | chr14 | 1.02E+08 | 1.02E+08 | + | 93  | 0   | 0    | 0   | 70   | 14  | 0    | 0   | 0    | 0    | miRNA |
| hsa-mir-323a     | chr14 | 1.01E+08 | 1.01E+08 | + | 93  | 55  | 111  | 177 | 375  | 105 | 55   | 0   | 17   | 44   | miRNA |
| hsa-mir-377      | chr14 | 1.02E+08 | 1.02E+08 | + | 93  | 0   | 0    | 0   | 70   | 14  | 0    | 0   | 0    | 0    | miRNA |
| hsa-miR-191-3p   | chr3  | 49058064 | 49058085 | - | 92  | 17  | 24   | 122 | 14   | 0   | 0    | 0   | 0    | 36   | miRNA |
| hsa-miR-532-3p   | chrX  | 49767810 | 49767831 | + | 92  | 54  | 617  | 27  | 52   | 35  | 259  | 0   | 258  | 188  | miRNA |
| hsa-miR-9-5p     | chr1  | 1.56E+08 | 1.56E+08 | - | 92  | 62  | 0    | 0   | 59   | 0   | 0    | 0   | 0    | 51   | miRNA |
| hsa-mir-9-1      | chr1  | 1.56E+08 | 1.56E+08 | - | 92  | 62  | 0    | 0   | 59   | 0   | 0    | 0   | 0    | 51   | miRNA |

|                   |       |          |          |   |    |     |      |     |     |     |      |    |      |     |       |
|-------------------|-------|----------|----------|---|----|-----|------|-----|-----|-----|------|----|------|-----|-------|
| hsa-mir-9-2       | chr5  | 87962671 | 87962757 | - | 92 | 62  | 0    | 0   | 59  | 0   | 0    | 0  | 0    | 51  | miRNA |
| hsa-mir-9-3       | chr15 | 89911248 | 89911337 | + | 92 | 62  | 0    | 0   | 59  | 0   | 0    | 0  | 0    | 51  | miRNA |
| hsa-miR-183-5p    | chr7  | 1.29E+08 | 1.29E+08 | - | 91 | 19  | 48   | 0   | 6   | 0   | 170  | 0  | 66   | 46  | miRNA |
| hsa-miR-1468-5p   | chrX  | 63005935 | 63005955 | - | 89 | 1   | 27   | 0   | 26  | 0   | 0    | 0  | 38   | 0   | miRNA |
| hsa-mir-1468      | chrX  | 63005882 | 63005967 | - | 89 | 1   | 27   | 0   | 27  | 0   | 0    | 0  | 38   | 0   | miRNA |
| hsa-miR-1278      | chr1  | 1.93E+08 | 1.93E+08 | + | 88 | 0   | 43   | 0   | 8   | 0   | 0    | 0  | 5    | 0   | miRNA |
| hsa-mir-1278      | chr1  | 1.93E+08 | 1.93E+08 | + | 88 | 0   | 43   | 0   | 8   | 0   | 0    | 0  | 5    | 0   | miRNA |
| hsa-miR-1976      | chr1  | 26881065 | 26881084 | + | 87 | 0   | 45   | 0   | 10  | 0   | 19   | 0  | 46   | 145 | miRNA |
| hsa-miR-335-5p    | chr7  | 1.3E+08  | 1.3E+08  | + | 87 | 152 | 458  | 0   | 334 | 199 | 194  | 48 | 174  | 95  | miRNA |
| hsa-mir-1976      | chr1  | 26881033 | 26881084 | + | 87 | 0   | 168  | 0   | 10  | 24  | 19   | 0  | 122  | 145 | miRNA |
| hsa-mir-335       | chr7  | 1.3E+08  | 1.3E+08  | + | 87 | 160 | 492  | 19  | 346 | 237 | 194  | 48 | 174  | 146 | miRNA |
| hsa-miR-1255b-5p  | chr1  | 1.68E+08 | 1.68E+08 | + | 86 | 69  | 500  | 1   | 56  | 40  | 272  | 0  | 224  | 200 | miRNA |
| hsa-miR-150-3p    | chr19 | 50004054 | 50004075 | - | 86 | 42  | 37   | 57  | 48  | 0   | 0    | 0  | 35   | 184 | miRNA |
| hsa-miR-296-3p    | chr20 | 57392681 | 57392702 | - | 86 | 0   | 49   | 0   | 7   | 0   | 0    | 0  | 23   | 0   | miRNA |
| hsa-miR-3605-5p   | chr1  | 33798050 | 33798072 | - | 86 | 0   | 248  | 0   | 94  | 1   | 107  | 0  | 225  | 21  | miRNA |
| hsa-miR-576-5p    | chr4  | 1.1E+08  | 1.1E+08  | + | 86 | 0   | 86   | 0   | 41  | 0   | 150  | 0  | 0    | 43  | miRNA |
| hsa-miR-6740-5p   | chr1  | 2.02E+08 | 2.02E+08 | + | 86 | 0   | 156  | 0   | 8   | 0   | 0    | 0  | 0    | 0   | miRNA |
| hsa-mir-1255b-1   | chr4  | 36427988 | 36428050 | - | 86 | 69  | 500  | 1   | 56  | 40  | 272  | 0  | 224  | 200 | miRNA |
| hsa-mir-1255b-2   | chr1  | 1.68E+08 | 1.68E+08 | + | 86 | 68  | 501  | 0   | 57  | 40  | 274  | 0  | 224  | 201 | miRNA |
| hsa-mir-150       | chr19 | 50004042 | 50004125 | - | 86 | 69  | 148  | 110 | 167 | 59  | 0    | 0  | 72   | 184 | miRNA |
| hsa-mir-296       | chr20 | 57392670 | 57392749 | - | 86 | 0   | 50   | 0   | 9   | 0   | 0    | 0  | 43   | 0   | miRNA |
| hsa-mir-3605      | chr1  | 33797994 | 33798093 | - | 86 | 22  | 282  | 0   | 125 | 1   | 144  | 0  | 249  | 106 | miRNA |
| hsa-mir-548ae-2   | chr5  | 57825870 | 57825936 | - | 86 | 40  | 747  | 63  | 83  | 129 | 317  | 0  | 559  | 299 | miRNA |
| hsa-mir-6740      | chr1  | 2.02E+08 | 2.02E+08 | + | 86 | 0   | 156  | 0   | 8   | 0   | 0    | 0  | 0    | 0   | miRNA |
| hsa-miR-190b-5p   | chr1  | 1.54E+08 | 1.54E+08 | - | 85 | 0   | 66   | 64  | 69  | 0   | 35   | 0  | 43   | 160 | miRNA |
| hsa-miR-548ae-5p  | chr5  | 57825912 | 57825931 | - | 85 | 40  | 747  | 63  | 83  | 129 | 317  | 0  | 559  | 299 | miRNA |
| hsa-mir-190b      | chr1  | 1.54E+08 | 1.54E+08 | - | 85 | 0   | 66   | 64  | 69  | 0   | 35   | 0  | 43   | 160 | miRNA |
| hsa-miR-24-2-5p   | chr19 | 13947140 | 13947161 | - | 84 | 102 | 39   | 0   | 163 | 0   | 0    | 0  | 0    | 162 | miRNA |
| hsa-miR-6852-5p   | chr9  | 35710713 | 35710733 | - | 83 | 62  | 42   | 0   | 179 | 56  | 0    | 0  | 107  | 39  | miRNA |
| hsa-mir-6852      | chr9  | 35710673 | 35710738 | - | 83 | 62  | 42   | 0   | 193 | 56  | 0    | 0  | 130  | 40  | miRNA |
| hsa-miR-1270      | chr19 | 20510129 | 20510151 | - | 82 | 0   | 720  | 209 | 72  | 5   | 244  | 0  | 229  | 1   | miRNA |
| hsa-miR-374a-3p   | chrX  | 73507130 | 73507151 | - | 82 | 77  | 89   | 0   | 50  | 74  | 0    | 0  | 20   | 140 | miRNA |
| hsa-miR-654-3p    | chr14 | 1.02E+08 | 1.02E+08 | + | 82 | 16  | 21   | 134 | 261 | 110 | 0    | 0  | 30   | 0   | miRNA |
| hsa-mir-1270      | chr19 | 20510081 | 20510163 | - | 82 | 0   | 720  | 209 | 72  | 5   | 244  | 0  | 229  | 1   | miRNA |
| hsa-miR-210-3p    | chr11 | 568112   | 568133   | - | 81 | 135 | 1503 | 97  | 211 | 180 | 304  | 56 | 837  | 554 | miRNA |
| hsa-mir-210       | chr11 | 568089   | 568198   | - | 81 | 135 | 1503 | 97  | 211 | 180 | 304  | 56 | 837  | 554 | miRNA |
| hsa-mir-7703      | chr14 | 24612698 | 24612774 | - | 81 | 9   | 28   | 30  | 2   | 124 | 20   | 41 | 0    | 1   | miRNA |
| hsa-miR-130b-5p   | chr22 | 22007605 | 22007625 | + | 80 | 85  | 45   | 116 | 200 | 146 | 35   | 0  | 27   | 0   | miRNA |
| hsa-miR-212-3p    | chr17 | 1953584  | 1953604  | - | 80 | 0   | 0    | 0   | 21  | 0   | 0    | 0  | 0    | 0   | miRNA |
| hsa-mir-212       | chr17 | 1953565  | 1953674  | - | 80 | 0   | 0    | 0   | 21  | 28  | 0    | 0  | 0    | 0   | miRNA |
| hsa-miR-338-3p    | chr17 | 79099687 | 79099708 | - | 79 | 0   | 39   | 0   | 48  | 0   | 0    | 0  | 0    | 60  | miRNA |
| hsa-miR-6503-5p   | chr11 | 59976591 | 59976613 | - | 79 | 0   | 0    | 0   | 12  | 0   | 0    | 0  | 0    | 0   | miRNA |
| hsa-mir-338       | chr17 | 79099683 | 79099749 | - | 79 | 0   | 39   | 0   | 85  | 0   | 0    | 0  | 0    | 60  | miRNA |
| hsa-mir-6503      | chr11 | 59976544 | 59976629 | - | 79 | 0   | 27   | 0   | 20  | 0   | 0    | 48 | 0    | 0   | miRNA |
| hsa-miR-204-3p    | chr9  | 73424909 | 73424929 | - | 78 | 0   | 89   | 0   | 24  | 33  | 0    | 0  | 20   | 0   | miRNA |
| hsa-miR-3617-5p   | chr20 | 44333789 | 44333810 | - | 78 | 6   | 21   | 0   | 29  | 0   | 0    | 0  | 0    | 39  | miRNA |
| hsa-miR-625-5p    | chr14 | 65937834 | 65937854 | + | 78 | 82  | 121  | 0   | 285 | 48  | 134  | 0  | 63   | 84  | miRNA |
| hsa-mir-204       | chr9  | 73424891 | 73425000 | - | 78 | 19  | 89   | 0   | 36  | 33  | 0    | 0  | 20   | 0   | miRNA |
| hsa-mir-3617      | chr20 | 44333741 | 44333819 | - | 78 | 6   | 21   | 0   | 29  | 0   | 0    | 0  | 0    | 39  | miRNA |
| hsa-miR-3145-5p   | chr6  | 1.39E+08 | 1.39E+08 | - | 77 | 0   | 0    | 0   | 0   | 0   | 0    | 0  | 0    | 0   | miRNA |
| hsa-miR-376b-3p   | chr14 | 1.02E+08 | 1.02E+08 | + | 77 | 0   | 0    | 0   | 0   | 0   | 0    | 0  | 0    | 0   | miRNA |
| hsa-mir-3145      | chr6  | 1.39E+08 | 1.39E+08 | - | 77 | 0   | 0    | 0   | 0   | 0   | 0    | 0  | 0    | 0   | miRNA |
| hsa-mir-376b      | chr14 | 1.02E+08 | 1.02E+08 | + | 77 | 0   | 0    | 0   | 1   | 0   | 0    | 0  | 0    | 0   | miRNA |
| hsa-miR-1287-5p   | chr10 | 1E+08    | 1E+08    | - | 76 | 23  | 169  | 123 | 100 | 0   | 1    | 0  | 81   | 327 | miRNA |
| hsa-miR-2115-3p   | chr3  | 48357871 | 48357892 | - | 76 | 50  | 31   | 0   | 67  | 0   | 0    | 0  | 0    | 61  | miRNA |
| hsa-mir-1287      | chr10 | 1E+08    | 1E+08    | - | 76 | 23  | 169  | 123 | 100 | 0   | 1    | 0  | 81   | 327 | miRNA |
| hsa-mir-2115      | chr3  | 48357850 | 48357949 | - | 76 | 50  | 31   | 0   | 67  | 0   | 0    | 0  | 0    | 61  | miRNA |
| hsa-miR-4511      | chr15 | 66011635 | 66011656 | - | 75 | 0   | 50   | 0   | 0   | 18  | 0    | 0  | 31   | 76  | miRNA |
| hsa-mir-4511      | chr15 | 66011584 | 66011670 | - | 75 | 0   | 50   | 0   | 0   | 18  | 0    | 0  | 36   | 76  | miRNA |
| hsa-miR-181a-3p   | chr1  | 1.99E+08 | 1.99E+08 | - | 73 | 76  | 89   | 34  | 99  | 28  | 43   | 0  | 23   | 57  | miRNA |
| hsa-miR-27a-5p    | chr19 | 13947301 | 13947322 | - | 73 | 0   | 0    | 0   | 45  | 0   | 0    | 0  | 10   | 39  | miRNA |
| hsa-miR-29b-2-5p  | chr1  | 2.08E+08 | 2.08E+08 | - | 73 | 0   | 125  | 0   | 26  | 0   | 102  | 0  | 75   | 80  | miRNA |
| hsa-miR-6877-5p   | chr9  | 1.36E+08 | 1.36E+08 | + | 73 | 59  | 73   | 0   | 54  | 0   | 99   | 0  | 107  | 0   | miRNA |
| hsa-mir-29b-2     | chr1  | 2.08E+08 | 2.08E+08 | - | 73 | 0   | 146  | 2   | 27  | 0   | 142  | 0  | 92   | 80  | miRNA |
| hsa-mir-6877      | chr9  | 1.36E+08 | 1.36E+08 | + | 73 | 59  | 73   | 0   | 54  | 0   | 99   | 0  | 107  | 0   | miRNA |
| hsa-miR-125a-5p   | chr19 | 52196521 | 52196544 | + | 72 | 43  | 0    | 0   | 46  | 42  | 0    | 0  | 0    | 84  | miRNA |
| hsa-mir-378d-1    | chr4  | 5925002  | 5925055  | - | 72 | 62  | 208  | 23  | 148 | 16  | 181  | 12 | 316  | 142 | miRNA |
| hsa-miR-4732-5p   | chr17 | 27188718 | 27188740 | - | 71 | 138 | 2218 | 0   | 81  | 362 | 1207 | 0  | 1639 | 646 | miRNA |
| hsa-miR-378d      | chr4  | 5925006  | 5925025  | - | 70 | 56  | 208  | 23  | 127 | 15  | 180  | 13 | 244  | 141 | miRNA |
| hsa-mir-378d-2    | chr8  | 94928250 | 94928347 | - | 70 | 56  | 208  | 23  | 127 | 15  | 180  | 13 | 244  | 141 | miRNA |
| hsa-miR-760       | chr1  | 94312436 | 94312455 | + | 69 | 66  | 155  | 67  | 103 | 0   | 63   | 0  | 44   | 42  | miRNA |
| hsa-mir-760       | chr1  | 94312388 | 94312467 | + | 69 | 66  | 155  | 67  | 103 | 0   | 63   | 0  | 44   | 42  | miRNA |
| hsa-miR-3909      | chr22 | 35731703 | 35731724 | + | 67 | 23  | 0    | 0   | 20  | 0   | 0    | 0  | 17   | 0   | miRNA |
| hsa-mir-3909      | chr22 | 35731633 | 35731751 | + | 67 | 23  | 0    | 0   | 20  | 0   | 0    | 0  | 17   | 0   | miRNA |
| hsa-miR-6722-3p   | chr9  | 1.4E+08  | 1.4E+08  | - | 66 | 0   | 0    | 0   | 0   | 0   | 0    | 0  | 0    | 0   | miRNA |
| hsa-mir-6722      | chr9  | 1.4E+08  | 1.4E+08  | - | 66 | 0   | 0    | 0   | 0   | 0   | 0    | 0  | 0    | 0   | miRNA |
| hsa-miR-181a-2-3p | chr9  | 1.27E+08 | 1.27E+08 | + | 65 | 132 | 87   | 85  | 209 | 0   | 108  | 0  | 78   | 159 | miRNA |
| hsa-miR-1260a     | chr14 | 77732574 | 77732591 | + | 64 | 7   | 0    | 0   | 114 | 2   | 0    | 0  | 0    | 77  | miRNA |
| hsa-miR-6741-5p   | chr1  | 2.26E+08 | 2.26E+08 | - | 64 | 0   | 25   | 0   | 42  | 22  | 0    | 0  | 13   | 0   | miRNA |
| hsa-mir-1260a     | chr14 | 77732561 | 77732633 | + | 64 | 7   | 0    | 0   | 114 | 2   | 0    | 0  | 0    | 77  | miRNA |
| hsa-mir-6741      | chr1  | 2.26E+08 | 2.26E+08 | - | 64 | 9   | 25   | 0   | 47  | 22  | 39   | 0  | 13   | 46  | miRNA |
| hsa-miR-1294      | chr5  | 1.54E+08 | 1.54E+08 | + | 61 | 62  | 945  | 0   | 112 | 0   | 257  | 0  | 336  | 111 | miRNA |
| hsa-miR-543       | chr14 | 1.01E+08 | 1.01E+08 | + | 61 | 41  | 34   | 199 | 348 | 36  | 1    | 0  | 50   | 52  | miRNA |

|                  |       |          |            |    |     |      |     |     |     |      |     |      |     |       |
|------------------|-------|----------|------------|----|-----|------|-----|-----|-----|------|-----|------|-----|-------|
| hsa-mir-1294     | chr5  | 1.54E+08 | 1.54E+08 + | 61 | 62  | 945  | 0   | 112 | 1   | 258  | 0   | 336  | 111 | miRNA |
| hsa-mir-543      | chr14 | 1.01E+08 | 1.01E+08 + | 61 | 41  | 34   | 199 | 348 | 36  | 1    | 0   | 50   | 52  | miRNA |
| hsa-miR-4286     | chr8  | 10524498 | 10524514 + | 59 | 24  | 0    | 0   | 32  | 0   | 0    | 0   | 0    | 29  | miRNA |
| hsa-mir-4286     | chr8  | 10524488 | 10524580 + | 59 | 24  | 0    | 0   | 32  | 0   | 0    | 0   | 0    | 29  | miRNA |
| hsa-miR-548ay-5p | chr3  | 32547834 | 32547854 - | 58 | 62  | 861  | 63  | 105 | 129 | 361  | 0   | 601  | 272 | miRNA |
| hsa-miR-548d-5p  | chr17 | 65467656 | 65467677 - | 58 | 62  | 861  | 63  | 105 | 129 | 361  | 0   | 601  | 272 | miRNA |
| hsa-mir-548ay    | chr3  | 32547775 | 32547881 - | 58 | 62  | 861  | 63  | 105 | 129 | 361  | 0   | 601  | 273 | miRNA |
| hsa-mir-548d-1   | chr8  | 1.24E+08 | 1.24E+08 - | 58 | 62  | 861  | 63  | 105 | 129 | 361  | 0   | 601  | 272 | miRNA |
| hsa-mir-548d-2   | chr17 | 65467605 | 65467701 - | 58 | 62  | 861  | 63  | 105 | 129 | 361  | 0   | 601  | 272 | miRNA |
| hsa-miR-320e     | chr19 | 47212551 | 47212568 - | 57 | 68  | 689  | 22  | 641 | 21  | 158  | 1   | 1453 | 213 | miRNA |
| hsa-mir-320e     | chr19 | 47212539 | 47212611 - | 57 | 68  | 689  | 22  | 641 | 21  | 158  | 1   | 1453 | 213 | miRNA |
| hsa-miR-1307-5p  | chr10 | 1.05E+08 | 1.05E+08 - | 55 | 21  | 315  | 58  | 109 | 66  | 76   | 31  | 134  | 197 | miRNA |
| hsa-miR-92b-3p   | chr1  | 1.55E+08 | 1.55E+08 + | 54 | 288 | 2426 | 412 | 465 | 227 | 1043 | 144 | 2225 | 657 | miRNA |
| hsa-mir-92b      | chr1  | 1.55E+08 | 1.55E+08 + | 54 | 304 | 2502 | 412 | 471 | 228 | 1099 | 144 | 2319 | 657 | miRNA |
| hsa-miR-6743-5p  | chr11 | 209341   | 209362 +   | 53 | 0   | 0    | 0   | 6   | 0   | 0    | 0   | 23   | 0   | miRNA |
| hsa-mir-6743     | chr11 | 209336   | 209406 +   | 53 | 0   | 0    | 0   | 6   | 0   | 0    | 0   | 23   | 0   | miRNA |
| hsa-mir-3180-1   | chr16 | 15005077 | 15005170 + | 51 | 17  | 12   | 0   | 8   | 1   | 15   | 1   | 12   | 0   | miRNA |
| hsa-mir-3180-2   | chr16 | 16403736 | 16403823 + | 51 | 17  | 12   | 0   | 8   | 1   | 15   | 1   | 12   | 0   | miRNA |
| hsa-mir-3180-3   | chr16 | 18496035 | 18496128 - | 51 | 17  | 12   | 0   | 8   | 1   | 15   | 1   | 12   | 0   | miRNA |
| hsa-miR-6855-5p  | chr9  | 1.33E+08 | 1.33E+08 + | 50 | 0   | 15   | 0   | 1   | 0   | 9    | 0   | 10   | 10  | miRNA |
| hsa-mir-6855     | chr9  | 1.33E+08 | 1.33E+08 + | 50 | 0   | 15   | 0   | 1   | 0   | 9    | 0   | 10   | 10  | miRNA |
| hsa-mir-6779     | chr17 | 37071232 | 37071295 + | 47 | 38  | 66   | 65  | 1   | 85  | 53   | 223 | 27   | 44  | miRNA |
| hsa-miR-1292-5p  | chr20 | 2633425  | 2633449 +  | 46 | 0   | 36   | 0   | 2   | 0   | 8    | 0   | 23   | 0   | miRNA |
| hsa-miR-5187-5p  | chr1  | 1.61E+08 | 1.61E+08 + | 46 | 13  | 37   | 43  | 30  | 1   | 27   | 0   | 50   | 144 | miRNA |
| hsa-mir-1292     | chr20 | 2633423  | 2633488 +  | 46 | 0   | 36   | 0   | 2   | 0   | 8    | 0   | 23   | 0   | miRNA |
| hsa-mir-5187     | chr1  | 1.61E+08 | 1.61E+08 + | 46 | 14  | 37   | 43  | 30  | 1   | 27   | 0   | 50   | 144 | miRNA |
| hsa-mir-770      | chr14 | 1.01E+08 | 1.01E+08 + | 46 | 0   | 0    | 0   | 0   | 0   | 0    | 0   | 0    | 0   | miRNA |
| hsa-miR-1-3p     | chr18 | 19408976 | 19408997 - | 44 | 196 | 551  | 49  | 132 | 166 | 23   | 10  | 33   | 48  | miRNA |
| hsa-miR-3180     | chr16 | 2186077  | 2186095 -  | 44 | 0   | 12   | 0   | 8   | 0   | 14   | 0   | 12   | 0   | miRNA |
| hsa-miR-3180-3p  | chr16 | 15005138 | 15005159 + | 44 | 0   | 12   | 0   | 8   | 1   | 14   | 0   | 12   | 0   | miRNA |
| hsa-mir-1-1      | chr20 | 61151513 | 61151583 + | 44 | 196 | 551  | 49  | 132 | 166 | 23   | 10  | 33   | 48  | miRNA |
| hsa-mir-1-2      | chr18 | 19408965 | 19409049 - | 44 | 205 | 552  | 49  | 135 | 166 | 23   | 10  | 33   | 54  | miRNA |
| hsa-mir-3180-4   | chr16 | 15248707 | 15248859 - | 44 | 17  | 12   | 0   | 11  | 0   | 14   | 0   | 12   | 0   | miRNA |
| hsa-mir-3180-5   | chr16 | 2185978  | 2186130 -  | 44 | 17  | 12   | 0   | 11  | 0   | 14   | 0   | 12   | 0   | miRNA |
| hsa-miR-148b-5p  | chr12 | 54731024 | 54731045 + | 42 | 29  | 45   | 0   | 69  | 0   | 0    | 115 | 0    | 0   | miRNA |
| hsa-miR-4443     | chr3  | 48238062 | 48238078 + | 42 | 4   | 23   | 14  | 21  | 1   | 38   | 0   | 46   | 37  | miRNA |
| hsa-mir-4443     | chr3  | 48238054 | 48238106 + | 42 | 4   | 23   | 14  | 21  | 1   | 38   | 0   | 46   | 37  | miRNA |
| hsa-miR-1273h-5p | chr16 | 24214469 | 24214489 + | 38 | 43  | 32   | 0   | 96  | 87  | 34   | 0   | 0    | 146 | miRNA |
| hsa-miR-6515-5p  | chr19 | 13051300 | 13051320 + | 36 | 27  | 34   | 0   | 24  | 0   | 0    | 0   | 1    | 115 | miRNA |
| hsa-mir-6515     | chr19 | 13051298 | 13051354 + | 36 | 27  | 34   | 0   | 24  | 0   | 0    | 0   | 1    | 115 | miRNA |
| hsa-miR-34a-5p   | chr1  | 9211794  | 9211815 -  | 35 | 75  | 428  | 40  | 173 | 137 | 172  | 0   | 50   | 199 | miRNA |
| hsa-miR-6511a-5p | chr16 | 15019798 | 15019820 + | 35 | 17  | 1    | 0   | 4   | 0   | 0    | 0   | 0    | 0   | miRNA |
| hsa-miR-6511b-5p | chr16 | 2156721  | 2156744 -  | 35 | 17  | 1    | 0   | 4   | 0   | 0    | 0   | 0    | 0   | miRNA |
| hsa-mir-34a      | chr1  | 9211727  | 9211836 -  | 35 | 75  | 428  | 40  | 175 | 137 | 172  | 0   | 50   | 199 | miRNA |
| hsa-mir-6511a-1  | chr16 | 15019794 | 15019860 + | 35 | 58  | 36   | 0   | 11  | 0   | 39   | 0   | 35   | 0   | miRNA |
| hsa-mir-6511a-2  | chr16 | 16418445 | 16418511 + | 35 | 58  | 36   | 0   | 11  | 0   | 39   | 0   | 35   | 0   | miRNA |
| hsa-mir-6511a-3  | chr16 | 16462733 | 16462799 + | 35 | 58  | 36   | 0   | 11  | 0   | 39   | 0   | 35   | 0   | miRNA |
| hsa-mir-6511a-4  | chr16 | 18437870 | 18437936 - | 35 | 58  | 36   | 0   | 11  | 0   | 39   | 0   | 35   | 0   | miRNA |
| hsa-mir-6511b-1  | chr16 | 2156670  | 2156754 -  | 35 | 21  | 1    | 0   | 4   | 0   | 1    | 0   | 0    | 0   | miRNA |
| hsa-mir-6511b-2  | chr16 | 15227932 | 15228002 - | 35 | 21  | 1    | 0   | 4   | 0   | 1    | 0   | 0    | 0   | miRNA |
| hsa-miR-454-5p   | chr17 | 57215189 | 57215210 - | 33 | 41  | 79   | 0   | 87  | 0   | 32   | 0   | 138  | 13  | miRNA |
| hsa-miR-6816-5p  | chr22 | 20102249 | 20102269 - | 33 | 0   | 0    | 1   | 30  | 8   | 0    | 0   | 2    | 0   | miRNA |
| hsa-mir-6816     | chr22 | 20102209 | 20102274 - | 33 | 0   | 0    | 1   | 30  | 8   | 0    | 0   | 2    | 0   | miRNA |
| hsa-miR-151b     | chr14 | 1.01E+08 | 1.01E+08 - | 31 | 75  | 608  | 53  | 116 | 44  | 115  | 1   | 86   | 135 | miRNA |
| hsa-miR-6842-5p  | chr8  | 27290892 | 27290913 + | 31 | 0   | 4    | 0   | 12  | 0   | 0    | 0   | 0    | 0   | miRNA |
| hsa-mir-151b     | chr14 | 1.01E+08 | 1.01E+08 - | 31 | 75  | 608  | 53  | 116 | 44  | 115  | 1   | 86   | 135 | miRNA |
| hsa-mir-6842     | chr8  | 27290887 | 27290951 + | 31 | 7   | 57   | 0   | 18  | 46  | 0    | 0   | 14   | 74  | miRNA |
| hsa-miR-206      | chr6  | 52009199 | 52009220 + | 30 | 4   | 978  | 64  | 20  | 29  | 7    | 0   | 14   | 37  | miRNA |
| hsa-mir-206      | chr6  | 52009147 | 52009232 + | 30 | 4   | 978  | 64  | 20  | 29  | 7    | 0   | 14   | 37  | miRNA |
| hsa-miR-30c-5p   | chr1  | 41222972 | 41222994 + | 29 | 531 | 402  | 0   | 825 | 98  | 322  | 0   | 329  | 324 | miRNA |
| hsa-mir-30c-1    | chr1  | 41222956 | 41223044 + | 29 | 564 | 448  | 62  | 862 | 98  | 322  | 0   | 338  | 376 | miRNA |
| hsa-mir-30c-2    | chr6  | 72086663 | 72086734 - | 29 | 547 | 402  | 0   | 850 | 98  | 322  | 0   | 329  | 324 | miRNA |
| hsa-miR-4516     | chr16 | 2183121  | 2183137 +  | 26 | 13  | 200  | 1   | 19  | 15  | 91   | 0   | 77   | 2   | miRNA |
| hsa-mir-1284     | chr3  | 71591121 | 71591240 - | 26 | 0   | 0    | 0   | 0   | 0   | 0    | 0   | 0    | 13  | miRNA |
| hsa-mir-4516     | chr16 | 2183120  | 2183205 +  | 26 | 13  | 200  | 1   | 19  | 15  | 91   | 0   | 77   | 2   | miRNA |
| hsa-miR-1537-3p  | chr1  | 2.36E+08 | 2.36E+08 - | 25 | 0   | 29   | 0   | 0   | 0   | 0    | 0   | 19   | 0   | miRNA |
| hsa-mir-1537     | chr1  | 2.36E+08 | 2.36E+08 - | 25 | 0   | 29   | 0   | 0   | 0   | 0    | 0   | 19   | 0   | miRNA |
| hsa-miR-378e     | chr5  | 1.69E+08 | 1.69E+08 + | 24 | 9   | 61   | 4   | 52  | 7   | 18   | 2   | 102  | 34  | miRNA |
| hsa-mir-378e     | chr5  | 1.69E+08 | 1.69E+08 + | 24 | 9   | 61   | 4   | 52  | 7   | 18   | 2   | 102  | 34  | miRNA |
| hsa-miR-3691-3p  | chr6  | 5148480  | 5148501 -  | 23 | 0   | 10   | 0   | 0   | 0   | 0    | 0   | 0    | 0   | miRNA |
| hsa-mir-3691     | chr6  | 5148467  | 5148556 -  | 23 | 0   | 10   | 0   | 3   | 0   | 37   | 0   | 0    | 0   | miRNA |
| hsa-miR-1180-3p  | chr17 | 19247826 | 19247847 - | 21 | 93  | 1343 | 189 | 178 | 1   | 616  | 0   | 1371 | 629 | miRNA |
| hsa-mir-1180     | chr17 | 19247819 | 19247887 - | 21 | 93  | 1343 | 189 | 178 | 1   | 616  | 0   | 1371 | 629 | miRNA |
| hsa-mir-200a     | chr1  | 1103243  | 1103332 +  | 20 | 0   | 248  | 0   | 50  | 75  | 68   | 0   | 0    | 30  | miRNA |
| hsa-miR-200a-3p  | chr1  | 1103296  | 1103317 +  | 19 | 0   | 214  | 0   | 50  | 74  | 68   | 0   | 0    | 30  | miRNA |
| hsa-mir-4710     | chr14 | 1.05E+08 | 1.05E+08 - | 17 | 9   | 20   | 49  | 13  | 45  | 44   | 0   | 8    | 13  | miRNA |
| hsa-miR-4510     | chr15 | 36219064 | 36219085 + | 16 | 32  | 89   | 16  | 60  | 20  | 42   | 2   | 28   | 72  | miRNA |
| hsa-mir-4510     | chr15 | 36219057 | 36219124 + | 16 | 32  | 89   | 16  | 60  | 20  | 42   | 2   | 28   | 72  | miRNA |
| hsa-miR-4710     | chr14 | 1.05E+08 | 1.05E+08 - | 15 | 9   | 20   | 49  | 13  | 45  | 44   | 0   | 8    | 13  | miRNA |
| hsa-miR-23a-5p   | chr19 | 13947444 | 13947465 - | 13 | 0   | 5    | 28  | 9   | 0   | 0    | 0   | 0    | 0   | miRNA |
| hsa-miR-4429     | chr2  | 11680778 | 11680797 - | 12 | 11  | 87   | 2   | 29  | 11  | 19   | 0   | 73   | 30  | miRNA |
| hsa-miR-4727-3p  | chr17 | 36982124 | 36982145 + | 12 | 0   | 0    | 0   | 0   | 0   | 0    | 0   | 0    | 0   | miRNA |
| hsa-mir-4429     | chr2  | 11680731 | 11680803 - | 12 | 11  | 87   | 2   | 29  | 11  | 19   | 0   | 73   | 30  | miRNA |

|                   |            |          |          |   |    |     |     |     |     |     |     |    |     |     |       |
|-------------------|------------|----------|----------|---|----|-----|-----|-----|-----|-----|-----|----|-----|-----|-------|
| hsa-mir-4727      | chr17      | 36982091 | 36982145 | + | 12 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-379-5p    | chr14      | 1.01E+08 | 1.01E+08 | + | 11 | 125 | 0   | 238 | 551 | 118 | 0   | 0  | 23  | 133 | miRNA |
| hsa-mir-379       | chr14      | 1.01E+08 | 1.01E+08 | + | 11 | 125 | 0   | 238 | 565 | 118 | 0   | 0  | 23  | 133 | miRNA |
| hsa-miR-28-5p     | chr3       | 1.88E+08 | 1.88E+08 | + | 10 | 224 | 156 | 117 | 848 | 139 | 21  | 48 | 156 | 364 | miRNA |
| hsa-miR-548ap-5p  | chr15      | 86368886 | 86368904 | + | 10 | 0   | 4   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548ap     | chr15      | 86368866 | 86368961 | + | 10 | 0   | 4   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-345-3p    | chr14      | 1.01E+08 | 1.01E+08 | + | 6  | 6   | 19  | 2   | 15  | 1   | 4   | 0  | 13  | 8   | miRNA |
| hsa-miR-452-5p    | chrX       | 1.51E+08 | 1.51E+08 | - | 6  | 48  | 184 | 0   | 29  | 0   | 0   | 34 | 41  | 0   | miRNA |
| hsa-mir-452       | chrX       | 1.51E+08 | 1.51E+08 | - | 6  | 78  | 190 | 0   | 29  | 0   | 0   | 34 | 41  | 0   | miRNA |
| hsa-miR-6876-3p   | chr8       | 25202967 | 25202990 | + | 5  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4741      | chr18      | 20513312 | 20513401 | + | 5  | 12  | 0   | 0   | 7   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6876      | chr8       | 25202918 | 25202990 | + | 5  | 0   | 0   | 0   | 13  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-1827      | chr12      | 1.01E+08 | 1.01E+08 | + | 4  | 8   | 14  | 2   | 8   | 4   | 4   | 0  | 2   | 9   | miRNA |
| hsa-miR-6073      | chr11      | 15991101 | 15991120 | - | 4  | 1   | 1   | 0   | 0   | 2   | 2   | 0  | 0   | 2   | miRNA |
| hsa-mir-1827      | chr12      | 1.01E+08 | 1.01E+08 | + | 4  | 8   | 14  | 2   | 8   | 4   | 4   | 0  | 2   | 9   | miRNA |
| hsa-mir-6073      | chr11      | 15991079 | 15991167 | - | 4  | 1   | 1   | 0   | 0   | 2   | 2   | 0  | 0   | 2   | miRNA |
| hsa-mir-6507      | chr10      | 1.01E+08 | 1.01E+08 | - | 4  | 0   | 1   | 1   | 0   | 1   | 3   | 0  | 0   | 0   | miRNA |
| hsa-miR-1290      | chr1       | 19223572 | 19223590 | - | 3  | 2   | 2   | 13  | 2   | 9   | 79  | 22 | 2   | 16  | miRNA |
| hsa-miR-324-3p    | chr17      | 7126627  | 7126649  | - | 3  | 89  | 701 | 58  | 150 | 18  | 328 | 0  | 455 | 439 | miRNA |
| hsa-miR-339-3p    | chr7       | 1062591  | 1062613  | - | 3  | 86  | 322 | 0   | 90  | 0   | 257 | 0  | 65  | 153 | miRNA |
| hsa-miR-4291      | chr9       | 96581649 | 96581664 | + | 3  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4485-3p   | chr11      | 10529824 | 10529843 | - | 3  | 5   | 4   | 0   | 12  | 3   | 1   | 1  | 6   | 6   | miRNA |
| hsa-miR-548ad-5p  | chr2       | 35696486 | 35696505 | + | 3  | 40  | 789 | 63  | 73  | 129 | 316 | 0  | 558 | 287 | miRNA |
| hsa-miR-6782-5p   | chr17      | 42285178 | 42285202 | - | 3  | 0   | 1   | 1   | 1   | 5   | 5   | 0  | 4   | 2   | miRNA |
| hsa-mir-1290      | chr1       | 19223565 | 19223642 | - | 3  | 2   | 2   | 13  | 2   | 9   | 79  | 22 | 2   | 20  | miRNA |
| hsa-mir-4291      | chr9       | 96581639 | 96581703 | + | 3  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4485      | chr11      | 10529817 | 10529873 | - | 3  | 9   | 4   | 0   | 12  | 3   | 1   | 1  | 6   | 6   | miRNA |
| hsa-mir-5091      | chr4       | 13629489 | 13629581 | + | 3  | 0   | 0   | 0   | 2   | 0   | 0   | 0  | 20  | 0   | miRNA |
| hsa-mir-548ad     | chr2       | 35696471 | 35696552 | + | 3  | 40  | 789 | 63  | 73  | 129 | 316 | 0  | 558 | 287 | miRNA |
| hsa-mir-5687      | chr5       | 54804678 | 54804754 | - | 3  | 1   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6782      | chr17      | 42285139 | 42285207 | - | 3  | 0   | 2   | 1   | 1   | 5   | 5   | 1  | 4   | 2   | miRNA |
| hsa-miR-23b-3p    | chr9       | 97847547 | 97847569 | + | 2  | 80  | 190 | 1   | 418 | 35  | 31  | 1  | 15  | 43  | miRNA |
| hsa-miR-23c       | chrX       | 20035219 | 20035240 | - | 2  | 0   | 3   | 1   | 4   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-30a-3p    | chr6       | 72113257 | 72113278 | - | 2  | 57  | 129 | 1   | 126 | 42  | 16  | 70 | 23  | 67  | miRNA |
| hsa-miR-378h      | chr5       | 1.54E+08 | 1.54E+08 | + | 2  | 0   | 10  | 0   | 9   | 0   | 1   | 0  | 6   | 3   | miRNA |
| hsa-miR-4299      | chr11      | 11678208 | 11678225 | - | 2  | 0   | 1   | 0   | 6   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-miR-4300      | chr11      | 81601793 | 81601810 | - | 2  | 16  | 1   | 2   | 0   | 1   | 0   | 0  | 0   | 1   | miRNA |
| hsa-miR-4466      | chr6       | 1.57E+08 | 1.57E+08 | - | 2  | 0   | 0   | 1   | 6   | 5   | 0   | 0  | 1   | 1   | miRNA |
| hsa-miR-4500      | chr13      | 88270926 | 88270942 | - | 2  | 1   | 10  | 0   | 5   | 0   | 0   | 0  | 2   | 10  | miRNA |
| hsa-miR-514a-5p   | chrX       | 1.46E+08 | 1.46E+08 | - | 2  | 1   | 0   | 2   | 14  | 3   | 0   | 0  | 0   | 5   | miRNA |
| hsa-miR-6131      | chr5       | 10478219 | 10478237 | + | 2  | 1   | 0   | 1   | 2   | 1   | 2   | 0  | 3   | 5   | miRNA |
| hsa-miR-6134      | chrX       | 28513692 | 28513710 | - | 2  | 9   | 23  | 3   | 14  | 5   | 9   | 0  | 8   | 13  | miRNA |
| hsa-miR-7704      | chr2       | 1.77E+08 | 1.77E+08 | + | 2  | 0   | 0   | 3   | 0   | 29  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-23b       | chr9       | 97847490 | 97847586 | + | 2  | 80  | 190 | 1   | 418 | 35  | 31  | 1  | 15  | 43  | miRNA |
| hsa-mir-23c       | chrX       | 20035206 | 20035305 | - | 2  | 0   | 3   | 1   | 4   | 0   | 0   | 0  | 20  | 0   | miRNA |
| hsa-mir-378h      | chr5       | 1.54E+08 | 1.54E+08 | + | 2  | 0   | 10  | 0   | 9   | 0   | 1   | 0  | 6   | 3   | miRNA |
| hsa-mir-4299      | chr11      | 11678198 | 11678269 | - | 2  | 0   | 1   | 0   | 6   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-4300      | chr11      | 81601783 | 81601878 | - | 2  | 16  | 1   | 2   | 0   | 1   | 0   | 0  | 0   | 1   | miRNA |
| hsa-mir-4466      | chr6       | 1.57E+08 | 1.57E+08 | - | 2  | 0   | 0   | 1   | 6   | 5   | 0   | 0  | 1   | 1   | miRNA |
| hsa-mir-4500      | chr13      | 88270920 | 88270995 | - | 2  | 1   | 10  | 0   | 5   | 0   | 0   | 0  | 2   | 10  | miRNA |
| hsa-mir-4517      | chr16      | 28969904 | 28969982 | + | 2  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 1   | miRNA |
| hsa-mir-514a-1    | chrX       | 1.46E+08 | 1.46E+08 | - | 2  | 1   | 0   | 2   | 14  | 3   | 0   | 0  | 0   | 5   | miRNA |
| hsa-mir-514a-2    | chrX       | 1.46E+08 | 1.46E+08 | - | 2  | 1   | 0   | 2   | 14  | 3   | 0   | 0  | 0   | 5   | miRNA |
| hsa-mir-514a-3    | chrX       | 1.46E+08 | 1.46E+08 | - | 2  | 1   | 0   | 2   | 14  | 3   | 0   | 0  | 0   | 5   | miRNA |
| hsa-mir-6131      | chr5       | 10478149 | 10478257 | + | 2  | 1   | 0   | 1   | 2   | 1   | 2   | 0  | 3   | 5   | miRNA |
| hsa-mir-6134      | chrX       | 28513672 | 28513780 | - | 2  | 9   | 23  | 3   | 14  | 5   | 9   | 0  | 8   | 13  | miRNA |
| hsa-mir-7704      | chr2       | 1.77E+08 | 1.77E+08 | + | 2  | 0   | 0   | 3   | 0   | 29  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-10401-5p  | chrUn_gli0 | 105999   | 106018   | + | 1  | 0   | 8   | 38  | 3   | 0   | 1   | 0  | 0   | 0   | miRNA |
| hsa-miR-125b-1-3p | chr11      | 1.22E+08 | 1.22E+08 | - | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-1263      | chr3       | 1.64E+08 | 1.64E+08 | - | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-1289      | chr5       | 1.33E+08 | 1.33E+08 | - | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-miR-150-5p    | chr19      | 50004089 | 50004110 | - | 1  | 27  | 111 | 53  | 119 | 59  | 0   | 0  | 37  | 0   | miRNA |
| hsa-miR-200a-5p   | chr1       | 1103258  | 1103279  | + | 1  | 0   | 34  | 0   | 0   | 1   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-218-1-3p  | chr4       | 20529965 | 20529986 | + | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-218-5p    | chr5       | 1.68E+08 | 1.68E+08 | - | 1  | 0   | 113 | 0   | 4   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-30b-5p    | chr8       | 1.36E+08 | 1.36E+08 | - | 1  | 78  | 29  | 0   | 146 | 47  | 44  | 0  | 24  | 1   | miRNA |
| hsa-miR-3124-5p   | chr1       | 2.49E+08 | 2.49E+08 | + | 1  | 0   | 0   | 0   | 31  | 0   | 39  | 0  | 1   | 17  | miRNA |
| hsa-miR-33a-5p    | chr22      | 42296953 | 42296973 | + | 1  | 81  | 158 | 85  | 27  | 0   | 0   | 45 | 44  | 129 | miRNA |
| hsa-miR-378b      | chr3       | 10371946 | 10371964 | + | 1  | 2   | 4   | 2   | 0   | 0   | 0   | 0  | 3   | 2   | miRNA |
| hsa-miR-4318      | chr18      | 35237152 | 35237168 | + | 1  | 0   | 1   | 1   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4433a-3p  | chr2       | 64567943 | 64567963 | + | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4448      | chr3       | 1.84E+08 | 1.84E+08 | + | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4658      | chr7       | 99754234 | 99754256 | - | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4664-3p   | chr8       | 1.45E+08 | 1.45E+08 | - | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4682      | chr10      | 1.22E+08 | 1.22E+08 | + | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4693-3p   | chr11      | 1.04E+08 | 1.04E+08 | + | 1  | 0   | 0   | 0   | 6   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-548ae-3p  | chr5       | 57825874 | 57825894 | - | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-548au-5p  | chr9       | 96357123 | 96357143 | + | 1  | 9   | 236 | 0   | 17  | 39  | 41  | 0  | 75  | 45  | miRNA |
| hsa-miR-550a-3p   | chr7       | 32772653 | 32772674 | + | 1  | 0   | 48  | 27  | 15  | 0   | 27  | 0  | 128 | 99  | miRNA |
| hsa-miR-603       | chr10      | 24564674 | 24564695 | + | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6124      | chr11      | 12185239 | 12185258 | + | 1  | 0   | 0   | 1   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-615-3p    | chr12      | 54427794 | 54427815 | + | 1  | 0   | 0   | 2   | 0   | 0   | 1   | 0  | 1   | 2   | miRNA |
| hsa-miR-6729-5p   | chr1       | 12089220 | 12089241 | + | 1  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 10  | 0   | miRNA |



|                   |            |          |          |   |   |     |     |    |     |    |     |     |     |     |       |
|-------------------|------------|----------|----------|---|---|-----|-----|----|-----|----|-----|-----|-----|-----|-------|
| hsa-miR-6753-5p   | chr11      | 67812261 | 67812282 | + | 1 | 0   | 0   | 4  | 1   | 0  | 25  | 0   | 0   | 0   | miRNA |
| hsa-miR-6760-5p   | chr12      | 1.12E+08 | 1.12E+08 | + | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-6773-5p   | chr16      | 68267375 | 68267397 | - | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-6787-5p   | chr17      | 80194549 | 80194570 | + | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-761       | chr1       | 52302047 | 52302068 | - | 1 | 0   | 0   | 1  | 1   | 3  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-765       | chr1       | 1.57E+08 | 1.57E+08 | - | 1 | 0   | 16  | 2  | 0   | 0  | 2   | 0   | 0   | 47  | miRNA |
| hsa-mir-10401     | chrUn_gliO | 105999   | 106054   | + | 1 | 0   | 8   | 38 | 3   | 0  | 1   | 0   | 0   | 0   | miRNA |
| hsa-mir-125b-1    | chr11      | 1.22E+08 | 1.22E+08 | - | 1 | 0   | 76  | 0  | 7   | 14 | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-1263      | chr3       | 1.64E+08 | 1.64E+08 | - | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-1286      | chr22      | 20236657 | 20236734 | - | 1 | 0   | 0   | 0  | 7   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-1289-2    | chr5       | 1.33E+08 | 1.33E+08 | - | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 1   | 0   | miRNA |
| hsa-mir-218-1     | chr4       | 20529898 | 20530007 | + | 1 | 0   | 113 | 0  | 4   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-218-2     | chr5       | 1.68E+08 | 1.68E+08 | - | 1 | 0   | 113 | 0  | 4   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-30b       | chr8       | 1.36E+08 | 1.36E+08 | - | 1 | 95  | 118 | 72 | 321 | 90 | 173 | 0   | 73  | 48  | miRNA |
| hsa-mir-3124      | chr1       | 2.49E+08 | 2.49E+08 | + | 1 | 0   | 0   | 0  | 31  | 0  | 39  | 0   | 1   | 17  | miRNA |
| hsa-mir-33a       | chr22      | 42296948 | 42297016 | + | 1 | 81  | 158 | 85 | 42  | 0  | 45  | 44  | 129 |     | miRNA |
| hsa-mir-3648-1    | chrUn_gliO | 107909   | 108088   | + | 1 | 0   | 0   | 0  | 0   | 0  | 22  | 0   | 0   | 0   | miRNA |
| hsa-mir-3648-2    | chr21      | 9825832  | 9826011  | + | 1 | 0   | 0   | 0  | 0   | 0  | 22  | 0   | 20  | 0   | miRNA |
| hsa-mir-378b      | chr3       | 10371913 | 10371969 | + | 1 | 2   | 4   | 2  | 9   | 0  | 0   | 0   | 3   | 2   | miRNA |
| hsa-mir-4309      | chr14      | 1.03E+08 | 1.03E+08 | + | 1 | 0   | 1   | 0  | 3   | 3  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-4318      | chr18      | 35237098 | 35237178 | + | 1 | 0   | 1   | 1  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-4433a     | chr2       | 64567893 | 64567973 | + | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-4448      | chr3       | 1.84E+08 | 1.84E+08 | + | 1 | 16  | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-4449      | chr4       | 53578849 | 53578914 | + | 1 | 12  | 0   | 0  | 2   | 0  | 11  | 0   | 20  | 0   | miRNA |
| hsa-mir-4658      | chr7       | 99754228 | 99754292 | - | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-4664      | chr8       | 1.45E+08 | 1.45E+08 | - | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-4682      | chr10      | 1.22E+08 | 1.22E+08 | + | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-4693      | chr11      | 1.04E+08 | 1.04E+08 | + | 1 | 0   | 0   | 0  | 6   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-4706      | chr14      | 65511406 | 65511487 | + | 1 | 0   | 0   | 1  | 0   | 0  | 0   | 0   | 17  | 0   | miRNA |
| hsa-mir-4751      | chr19      | 50436321 | 50436394 | + | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-548au     | chr9       | 96357123 | 96357176 | + | 1 | 9   | 243 | 0  | 17  | 39 | 41  | 0   | 75  | 45  | miRNA |
| hsa-mir-550a-2    | chr7       | 32772593 | 32772689 | + | 1 | 0   | 106 | 28 | 55  | 0  | 27  | 0   | 181 | 193 | miRNA |
| hsa-mir-5692c-1   | chr5       | 1.35E+08 | 1.35E+08 | - | 1 | 0   | 1   | 0  | 15  | 0  | 2   | 0   | 0   | 0   | miRNA |
| hsa-mir-603       | chr10      | 24564614 | 24564710 | + | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-6124      | chr11      | 12185230 | 12185314 | + | 1 | 0   | 0   | 1  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-615       | chr12      | 54427734 | 54427829 | + | 1 | 0   | 0   | 2  | 9   | 0  | 1   | 0   | 1   | 2   | miRNA |
| hsa-mir-628       | chr15      | 55665138 | 55665232 | - | 1 | 0   | 29  | 0  | 14  | 0  | 0   | 0   | 13  | 50  | miRNA |
| hsa-mir-6729      | chr1       | 12089215 | 12089279 | + | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 10  | 0   | miRNA |
| hsa-mir-6753      | chr11      | 67812261 | 67812424 | + | 1 | 0   | 0   | 4  | 3   | 0  | 29  | 0   | 0   | 0   | miRNA |
| hsa-mir-6760      | chr12      | 1.12E+08 | 1.12E+08 | + | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-6773      | chr16      | 68267329 | 68267402 | - | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-6787      | chr17      | 80194544 | 80194604 | + | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-6884      | chr17      | 38182585 | 38182662 | - | 1 | 0   | 57  | 0  | 0   | 0  | 0   | 0   | 37  | 0   | miRNA |
| hsa-mir-7111      | chr6       | 35438285 | 35438356 | + | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-761       | chr1       | 52302016 | 52302074 | - | 1 | 0   | 0   | 1  | 1   | 3  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-765       | chr1       | 1.57E+08 | 1.57E+08 | - | 1 | 0   | 17  | 2  | 0   | 0  | 2   | 0   | 0   | 47  | miRNA |
| hsa-mir-9902-1    | chr12      | 1.23E+08 | 1.23E+08 | - | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-9902-2    | chr12      | 1.23E+08 | 1.23E+08 | - | 1 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-100-5p    | chr11      | 1.22E+08 | 1.22E+08 | - | 0 | 8   | 346 | 0  | 0   | 1  | 2   | 124 | 1   | 82  | miRNA |
| hsa-miR-101-2-5p  | chr9       | 4850308  | 4850329  | + | 0 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 18  | 0   | miRNA |
| hsa-miR-101-5p    | chr1       | 65524160 | 65524181 | - | 0 | 29  | 671 | 0  | 46  | 24 | 136 | 0   | 365 | 156 | miRNA |
| hsa-miR-10226     | chr17      | 46110258 | 46110279 | + | 0 | 0   | 0   | 0  | 0   | 0  | 1   | 1   | 0   | 0   | miRNA |
| hsa-miR-10393-3p  | chr15      | 45010070 | 45010091 | + | 0 | 0   | 0   | 0  | 18  | 0  | 0   | 0   | 15  | 0   | miRNA |
| hsa-miR-10393-5p  | chr15      | 45010042 | 45010066 | + | 0 | 0   | 0   | 60 | 26  | 2  | 1   | 0   | 0   | 0   | miRNA |
| hsa-miR-10396a-3p | chr21      | 9826478  | 9826498  | + | 0 | 0   | 0   | 35 | 0   | 0  | 0   | 0   | 0   | 1   | miRNA |
| hsa-miR-10397-5p  | chr5       | 10402476 | 10402497 | + | 0 | 1   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-10399-3p  | chr7       | 1.39E+08 | 1.39E+08 | - | 0 | 32  | 68  | 8  | 149 | 40 | 72  | 69  | 28  | 52  | miRNA |
| hsa-miR-10399-5p  | chr7       | 1.39E+08 | 1.39E+08 | - | 0 | 0   | 0   | 0  | 20  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-106a-3p   | chrX       | 1.33E+08 | 1.33E+08 | - | 0 | 0   | 41  | 0  | 0   | 1  | 0   | 0   | 50  | 0   | miRNA |
| hsa-miR-10a-3p    | chr17      | 46657226 | 46657247 | + | 0 | 0   | 120 | 0  | 12  | 0  | 56  | 0   | 0   | 0   | miRNA |
| hsa-miR-10b-3p    | chr2       | 1.77E+08 | 1.77E+08 | + | 0 | 0   | 32  | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-11400     | chr7       | 1.42E+08 | 1.42E+08 | - | 0 | 171 | 49  | 53 | 297 | 38 | 22  | 0   | 19  | 82  | miRNA |
| hsa-miR-11401     | chr16      | 87887512 | 87887531 | + | 0 | 0   | 35  | 0  | 0   | 0  | 0   | 0   | 195 | 0   | miRNA |
| hsa-miR-1179      | chr15      | 89151352 | 89151372 | + | 0 | 0   | 30  | 57 | 15  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-1185-1-3p | chr14      | 1.02E+08 | 1.02E+08 | + | 0 | 14  | 0   | 57 | 37  | 0  | 0   | 0   | 10  | 0   | miRNA |
| hsa-miR-1185-2-3p | chr14      | 1.02E+08 | 1.02E+08 | + | 0 | 14  | 0   | 0  | 18  | 0  | 0   | 0   | 1   | 0   | miRNA |
| hsa-miR-1199-5p   | chr19      | 14184193 | 14184212 | + | 0 | 0   | 0   | 0  | 0   | 0  | 1   | 0   | 0   | 0   | miRNA |
| hsa-miR-1207-3p   | chr8       | 1.29E+08 | 1.29E+08 | + | 0 | 23  | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-12114     | chr22      | 50845885 | 50845903 | + | 0 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 24  | 0   | miRNA |
| hsa-miR-12120     | chrY       | 15591069 | 15591094 | + | 0 | 0   | 0   | 0  | 0   | 56 | 22  | 0   | 0   | 0   | miRNA |
| hsa-miR-12125     | chr5       | 1.68E+08 | 1.68E+08 | + | 0 | 1   | 1   | 1  | 0   | 0  | 1   | 0   | 0   | 1   | miRNA |
| hsa-miR-12135     | chr15      | 73592303 | 73592320 | + | 0 | 0   | 0   | 0  | 6   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-122-3p    | chr18      | 56118356 | 56118377 | + | 0 | 0   | 0   | 0  | 11  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-1224-5p   | chr3       | 1.84E+08 | 1.84E+08 | + | 0 | 24  | 102 | 0  | 9   | 0  | 37  | 0   | 43  | 0   | miRNA |
| hsa-miR-1226-3p   | chr3       | 47891098 | 47891119 | + | 0 | 0   | 0   | 0  | 6   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-1226-5p   | chr3       | 47891045 | 47891070 | + | 0 | 0   | 1   | 0  | 0   | 0  | 0   | 0   | 21  | 0   | miRNA |
| hsa-miR-1229-3p   | chr5       | 1.79E+08 | 1.79E+08 | - | 0 | 0   | 0   | 0  | 12  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-1229-5p   | chr5       | 1.79E+08 | 1.79E+08 | - | 0 | 0   | 0   | 0  | 0   | 0  | 0   | 1   | 0   | 0   | miRNA |
| hsa-miR-122b-5p   | chr18      | 56118353 | 56118375 | - | 0 | 0   | 1   | 0  | 0   | 0  | 0   | 0   | 0   | 1   | miRNA |
| hsa-miR-1236-5p   | chr6       | 31924695 | 31924716 | - | 0 | 0   | 0   | 0  | 0   | 0  | 22  | 0   | 40  | 0   | miRNA |
| hsa-miR-1237-5p   | chr11      | 64136123 | 64136143 | + | 0 | 1   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-124-3p    | chr20      | 61809904 | 61809925 | + | 0 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 0   | 3   | miRNA |
| hsa-miR-1247-5p   | chr14      | 1.02E+08 | 1.02E+08 | - | 0 | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 18  | 0   | miRNA |

|                   |       |          |          |   |   |     |      |     |     |    |     |     |     |     |       |
|-------------------|-------|----------|----------|---|---|-----|------|-----|-----|----|-----|-----|-----|-----|-------|
| hsa-miR-1248      | chr3  | 1.87E+08 | 1.87E+08 | + | 0 | 0   | 0    | 0   | 10  | 35 | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-1250-3p   | chr17 | 79107028 | 79107046 | - | 0 | 0   | 0    | 0   | 0   | 0  | 0   | 0   | 0   | 1   | miRNA |
| hsa-miR-1250-5p   | chr17 | 79107065 | 79107085 | - | 0 | 13  | 0    | 0   | 6   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-1255a     | chr4  | 1.02E+08 | 1.02E+08 | - | 0 | 0   | 44   | 0   | 0   | 0  | 1   | 0   | 1   | 0   | miRNA |
| hsa-miR-1258      | chr2  | 1.81E+08 | 1.81E+08 | - | 0 | 0   | 0    | 0   | 7   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-125b-2-3p | chr21 | 17962610 | 17962631 | + | 0 | 40  | 112  | 0   | 3   | 0  | 0   | 118 | 0   | 0   | miRNA |
| hsa-miR-125b-5p   | chr11 | 1.22E+08 | 1.22E+08 | - | 0 | 0   | 76   | 0   | 7   | 14 | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-1260b     | chr11 | 96074611 | 96074629 | + | 0 | 7   | 0    | 0   | 172 | 1  | 0   | 0   | 1   | 6   | miRNA |
| hsa-miR-1262      | chr1  | 68649259 | 68649280 | - | 0 | 20  | 0    | 0   | 13  | 0  | 0   | 0   | 7   | 0   | miRNA |
| hsa-miR-1268b     | chr17 | 78072630 | 78072649 | + | 0 | 0   | 0    | 0   | 0   | 0  | 0   | 0   | 1   | 0   | miRNA |
| hsa-miR-127-5p    | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 14  | 0    | 67  | 24  | 0  | 0   | 39  | 0   | 48  | miRNA |
| hsa-miR-1275      | chr6  | 33967795 | 33967811 | - | 0 | 0   | 31   | 2   | 16  | 26 | 24  | 0   | 0   | 0   | miRNA |
| hsa-miR-1277-5p   | chrX  | 1.18E+08 | 1.18E+08 | + | 0 | 0   | 0    | 1   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-128-1-5p  | chr2  | 1.36E+08 | 1.36E+08 | + | 0 | 0   | 10   | 0   | 15  | 0  | 0   | 0   | 19  | 23  | miRNA |
| hsa-miR-1285-3p   | chr2  | 70480065 | 70480086 | - | 0 | 23  | 142  | 0   | 0   | 0  | 0   | 0   | 91  | 0   | miRNA |
| hsa-miR-1285-5p   | chr7  | 91833381 | 91833401 | - | 0 | 0   | 15   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-1288-5p   | chr17 | 16185342 | 16185364 | + | 0 | 18  | 0    | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-129-1-3p  | chr7  | 1.28E+08 | 1.28E+08 | + | 0 | 0   | 0    | 0   | 1   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-129-5p    | chr11 | 43602958 | 43602978 | + | 0 | 0   | 1    | 0   | 8   | 0  | 2   | 0   | 0   | 0   | miRNA |
| hsa-miR-1295a     | chr1  | 1.71E+08 | 1.71E+08 | - | 0 | 0   | 0    | 0   | 14  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-1295b-3p  | chr1  | 1.71E+08 | 1.71E+08 | + | 0 | 0   | 0    | 0   | 0   | 0  | 1   | 0   | 0   | 0   | miRNA |
| hsa-miR-1296-5p   | chr10 | 65132772 | 65132793 | - | 0 | 0   | 0    | 0   | 6   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-1299      | chr9  | 69002239 | 69002260 | - | 0 | 0   | 240  | 0   | 0   | 0  | 153 | 0   | 61  | 0   | miRNA |
| hsa-miR-1301-3p   | chr2  | 25551520 | 25551543 | - | 0 | 0   | 88   | 0   | 12  | 0  | 41  | 0   | 4   | 20  | miRNA |
| hsa-miR-1303      | chr5  | 1.54E+08 | 1.54E+08 | + | 0 | 0   | 26   | 0   | 5   | 24 | 16  | 0   | 27  | 14  | miRNA |
| hsa-miR-1304-3p   | chr11 | 93466857 | 93466878 | - | 0 | 49  | 118  | 138 | 166 | 0  | 0   | 0   | 77  | 111 | miRNA |
| hsa-miR-1306-3p   | chr22 | 20073635 | 20073652 | + | 0 | 0   | 22   | 0   | 39  | 0  | 0   | 0   | 5   | 70  | miRNA |
| hsa-miR-1306-5p   | chr22 | 20073595 | 20073616 | + | 0 | 20  | 0    | 0   | 14  | 0  | 0   | 0   | 51  | 0   | miRNA |
| hsa-miR-130a-5p   | chr11 | 57408685 | 57408706 | + | 0 | 0   | 0    | 0   | 13  | 0  | 1   | 0   | 0   | 0   | miRNA |
| hsa-miR-132-3p    | chr17 | 1953223  | 1953244  | - | 0 | 53  | 180  | 35  | 115 | 25 | 30  | 3   | 97  | 60  | miRNA |
| hsa-miR-132-5p    | chr17 | 1953259  | 1953280  | - | 0 | 0   | 0    | 0   | 0   | 0  | 1   | 0   | 0   | 0   | miRNA |
| hsa-miR-1321      | chrX  | 85090837 | 85090854 | + | 0 | 0   | 0    | 0   | 0   | 0  | 0   | 2   | 0   | 0   | miRNA |
| hsa-miR-133a-3p   | chr18 | 19405673 | 19405694 | - | 0 | 36  | 42   | 1   | 59  | 89 | 0   | 0   | 46  | 103 | miRNA |
| hsa-miR-133a-5p   | chr18 | 19405710 | 19405731 | - | 0 | 0   | 21   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-133b      | chr6  | 52013786 | 52013807 | + | 0 | 0   | 0    | 0   | 0   | 2  | 0   | 0   | 2   | 4   | miRNA |
| hsa-miR-136-3p    | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 24  | 10   | 93  | 31  | 0  | 0   | 0   | 0   | 29  | miRNA |
| hsa-miR-136-5p    | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0   | 0    | 0   | 7   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-137-3p    | chr1  | 98511647 | 98511669 | - | 0 | 0   | 0    | 0   | 9   | 0  | 0   | 1   | 0   | 0   | miRNA |
| hsa-miR-138-1-3p  | chr3  | 44155766 | 44155787 | + | 0 | 0   | 0    | 0   | 0   | 0  | 0   | 0   | 3   | 0   | miRNA |
| hsa-miR-139-3p    | chr11 | 72326110 | 72326132 | - | 0 | 25  | 11   | 41  | 48  | 0  | 17  | 0   | 7   | 0   | miRNA |
| hsa-miR-139-5p    | chr11 | 72326146 | 72326168 | - | 0 | 45  | 56   | 0   | 300 | 92 | 40  | 0   | 5   | 196 | miRNA |
| hsa-miR-141-3p    | chr12 | 70733318 | 70733339 | + | 0 | 0   | 119  | 0   | 10  | 0  | 0   | 38  | 0   | 0   | miRNA |
| hsa-miR-143-5p    | chr5  | 1.49E+08 | 1.49E+08 | + | 0 | 0   | 0    | 0   | 18  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-145-3p    | chr5  | 1.49E+08 | 1.49E+08 | + | 0 | 0   | 30   | 0   | 0   | 27 | 29  | 0   | 6   | 0   | miRNA |
| hsa-miR-145-5p    | chr5  | 1.49E+08 | 1.49E+08 | + | 0 | 0   | 278  | 0   | 15  | 2  | 41  | 0   | 28  | 23  | miRNA |
| hsa-miR-146a-3p   | chr5  | 1.6E+08  | 1.6E+08  | + | 0 | 0   | 0    | 0   | 1   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-146b-3p   | chr10 | 1.04E+08 | 1.04E+08 | + | 0 | 0   | 22   | 0   | 29  | 42 | 12  | 0   | 46  | 0   | miRNA |
| hsa-miR-147b-3p   | chr15 | 45725296 | 45725316 | + | 0 | 0   | 32   | 0   | 6   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-149-3p    | chr2  | 2.41E+08 | 2.41E+08 | + | 0 | 0   | 0    | 0   | 0   | 0  | 1   | 0   | 0   | 0   | miRNA |
| hsa-miR-152-5p    | chr17 | 46114576 | 46114598 | - | 0 | 0   | 0    | 0   | 0   | 0  | 0   | 0   | 0   | 1   | miRNA |
| hsa-miR-153-3p    | chr2  | 2.2E+08  | 2.2E+08  | - | 0 | 0   | 0    | 0   | 0   | 0  | 0   | 0   | 0   | 23  | miRNA |
| hsa-miR-1538      | chr16 | 69599711 | 69599733 | - | 0 | 4   | 0    | 0   | 5   | 0  | 0   | 0   | 25  | 0   | miRNA |
| hsa-miR-1539      | chr18 | 47013772 | 47013792 | + | 0 | 0   | 0    | 0   | 0   | 0  | 1   | 0   | 0   | 0   | miRNA |
| hsa-miR-154-5p    | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0   | 9    | 75  | 45  | 0  | 0   | 0   | 26  | 0   | miRNA |
| hsa-miR-15a-3p    | chr13 | 50623266 | 50623287 | - | 0 | 0   | 1    | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-15b-3p    | chr3  | 1.6E+08  | 1.6E+08  | + | 0 | 65  | 428  | 111 | 118 | 40 | 164 | 0   | 366 | 0   | miRNA |
| hsa-miR-16-1-3p   | chr13 | 50623121 | 50623142 | - | 0 | 0   | 0    | 0   | 4   | 0  | 17  | 0   | 24  | 0   | miRNA |
| hsa-miR-17-3p     | chr13 | 92002909 | 92002930 | + | 0 | 71  | 1940 | 55  | 136 | 61 | 572 | 0   | 608 | 447 | miRNA |
| hsa-miR-181b-2-3p | chr9  | 1.27E+08 | 1.27E+08 | + | 0 | 0   | 1    | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-181b-3p   | chr1  | 1.99E+08 | 1.99E+08 | - | 0 | 0   | 0    | 0   | 7   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-181c-3p   | chr19 | 13985577 | 13985598 | + | 0 | 23  | 69   | 56  | 55  | 47 | 0   | 0   | 0   | 92  | miRNA |
| hsa-miR-182-3p    | chr7  | 1.29E+08 | 1.29E+08 | - | 0 | 0   | 0    | 0   | 12  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-184       | chr15 | 79502182 | 79502203 | + | 0 | 0   | 0    | 0   | 7   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-185-3p    | chr22 | 20020711 | 20020732 | + | 0 | 68  | 116  | 87  | 85  | 37 | 37  | 1   | 67  | 89  | miRNA |
| hsa-miR-188-5p    | chrX  | 49768123 | 49768143 | + | 0 | 0   | 33   | 0   | 11  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-18a-3p    | chr13 | 92003051 | 92003073 | + | 0 | 0   | 81   | 23  | 24  | 0  | 86  | 0   | 85  | 35  | miRNA |
| hsa-miR-18a-5p    | chr13 | 92003010 | 92003032 | + | 0 | 268 | 446  | 0   | 404 | 77 | 122 | 0   | 514 | 357 | miRNA |
| hsa-miR-18b-3p    | chrX  | 1.33E+08 | 1.33E+08 | - | 0 | 18  | 16   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-18b-5p    | chrX  | 1.33E+08 | 1.33E+08 | - | 0 | 74  | 364  | 0   | 54  | 1  | 122 | 0   | 362 | 164 | miRNA |
| hsa-miR-190a-5p   | chr15 | 63116170 | 63116191 | + | 0 | 61  | 0    | 0   | 13  | 0  | 21  | 0   | 19  | 15  | miRNA |
| hsa-miR-1910-3p   | chr16 | 85775237 | 85775256 | - | 0 | 0   | 2    | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-1910-5p   | chr16 | 85775275 | 85775295 | - | 0 | 0   | 23   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-193b-3p   | chr16 | 14397874 | 14397895 | + | 0 | 0   | 0    | 0   | 13  | 0  | 9   | 0   | 0   | 0   | miRNA |
| hsa-miR-193b-5p   | chr16 | 14397837 | 14397858 | + | 0 | 0   | 196  | 32  | 41  | 12 | 32  | 0   | 0   | 36  | miRNA |
| hsa-miR-194-3p    | chr11 | 64658840 | 64658861 | - | 0 | 25  | 0    | 0   | 16  | 0  | 0   | 0   | 0   | 40  | miRNA |
| hsa-miR-194-5p    | chr1  | 2.2E+08  | 2.2E+08  | - | 0 | 20  | 195  | 17  | 110 | 0  | 1   | 0   | 18  | 0   | miRNA |
| hsa-miR-195-3p    | chr17 | 6920947  | 6920968  | - | 0 | 33  | 46   | 0   | 5   | 1  | 0   | 46  | 0   | 0   | miRNA |
| hsa-miR-195-5p    | chr17 | 6920986  | 6921006  | - | 0 | 26  | 12   | 0   | 2   | 1  | 2   | 0   | 9   | 4   | miRNA |
| hsa-miR-196a-5p   | chr12 | 54385546 | 54385567 | + | 0 | 24  | 55   | 0   | 25  | 0  | 38  | 0   | 0   | 0   | miRNA |
| hsa-miR-196b-5p   | chr7  | 27209147 | 27209168 | - | 0 | 101 | 792  | 59  | 207 | 49 | 99  | 0   | 190 | 274 | miRNA |
| hsa-miR-197-3p    | chr1  | 1.1E+08  | 1.1E+08  | + | 0 | 35  | 0    | 0   | 111 | 21 | 4   | 0   | 5   | 128 | miRNA |
| hsa-miR-197-5p    | chr1  | 1.1E+08  | 1.1E+08  | + | 0 | 0   | 133  | 0   | 31  | 0  | 97  | 0   | 66  | 9   | miRNA |
| hsa-miR-199a-5p   | chr1  | 1.72E+08 | 1.72E+08 | - | 0 | 0   | 23   | 0   | 50  | 0  | 0   | 0   | 0   | 0   | miRNA |

|                   |       |          |            |   |    |     |    |     |     |     |    |     |     |       |
|-------------------|-------|----------|------------|---|----|-----|----|-----|-----|-----|----|-----|-----|-------|
| hsa-miR-199b-5p   | chr9  | 1.31E+08 | 1.31E+08 - | 0 | 0  | 10  | 0  | 21  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-19a-5p    | chr13 | 92003158 | 92003179 + | 0 | 0  | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 1   | miRNA |
| hsa-miR-200b-3p   | chr1  | 1102540  | 1102561 +  | 0 | 22 | 0   | 64 | 13  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-200b-5p   | chr1  | 1102504  | 1102525 +  | 0 | 0  | 38  | 0  | 10  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-200c-3p   | chr12 | 7072905  | 7072927 +  | 0 | 43 | 58  | 99 | 218 | 122 | 59  | 0  | 14  | 66  | miRNA |
| hsa-miR-202-3p    | chr10 | 1.35E+08 | 1.35E+08 - | 0 | 0  | 0   | 0  | 3   | 0   | 0   | 0  | 7   | 0   | miRNA |
| hsa-miR-203a-5p   | chr14 | 1.05E+08 | 1.05E+08 + | 0 | 0  | 0   | 0  | 21  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-204-5p    | chr9  | 73424947 | 73424968 - | 0 | 19 | 0   | 0  | 12  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-205-5p    | chr1  | 2.1E+08  | 2.1E+08 +  | 0 | 19 | 129 | 61 | 23  | 0   | 38  | 0  | 28  | 62  | miRNA |
| hsa-miR-208b-3p   | chr14 | 23887206 | 23887227 - | 0 | 0  | 159 | 0  | 0   | 0   | 47  | 0  | 0   | 0   | miRNA |
| hsa-miR-20a-3p    | chr13 | 92003362 | 92003383 + | 0 | 0  | 0   | 0  | 7   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-20b-3p    | chrX  | 1.33E+08 | 1.33E+08 - | 0 | 0  | 0   | 0  | 0   | 0   | 0   | 0  | 18  | 22  | miRNA |
| hsa-miR-21-3p     | chr17 | 57918672 | 57918692 + | 0 | 66 | 219 | 60 | 48  | 87  | 0   | 41 | 72  | 133 | miRNA |
| hsa-miR-2110      | chr10 | 1.16E+08 | 1.16E+08 - | 0 | 22 | 106 | 24 | 69  | 26  | 68  | 0  | 91  | 44  | miRNA |
| hsa-miR-2116-3p   | chr15 | 59463391 | 59463411 - | 0 | 0  | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 19  | miRNA |
| hsa-miR-212-5p    | chr17 | 1953622  | 1953644 -  | 0 | 0  | 0   | 0  | 0   | 28  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-214-3p    | chr1  | 1.72E+08 | 1.72E+08 - | 0 | 0  | 23  | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-214-5p    | chr1  | 1.72E+08 | 1.72E+08 - | 0 | 0  | 0   | 0  | 7   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-215-5p    | chr1  | 2.2E+08  | 2.2E+08 -  | 0 | 2  | 68  | 5  | 18  | 46  | 10  | 2  | 5   | 6   | miRNA |
| hsa-miR-216b-3p   | chr2  | 56227859 | 56227882 - | 0 | 1  | 18  | 1  | 0   | 1   | 18  | 2  | 0   | 2   | miRNA |
| hsa-miR-217-5p    | chr2  | 56210155 | 56210177 - | 0 | 0  | 57  | 0  | 0   | 0   | 0   | 44 | 0   | 60  | miRNA |
| hsa-miR-219a-1-3p | chr6  | 33175673 | 33175694 + | 0 | 0  | 0   | 0  | 18  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-219b-3p   | chr9  | 1.31E+08 | 1.31E+08 + | 0 | 1  | 0   | 0  | 0   | 1   | 0   | 1  | 0   | 0   | miRNA |
| hsa-miR-22-5p     | chr17 | 1617246  | 1617267 -  | 0 | 26 | 316 | 0  | 193 | 147 | 44  | 0  | 230 | 177 | miRNA |
| hsa-miR-221-5p    | chrX  | 45605649 | 45605670 - | 0 | 0  | 0   | 0  | 6   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-224-5p    | chrX  | 1.51E+08 | 1.51E+08 - | 0 | 0  | 15  | 0  | 31  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-2276-3p   | chr13 | 24736608 | 24736629 + | 0 | 0  | 0   | 0  | 0   | 0   | 49  | 0  | 0   | 0   | miRNA |
| hsa-miR-2277-3p   | chr5  | 92956416 | 92956436 - | 0 | 10 | 62  | 0  | 6   | 0   | 0   | 0  | 0   | 24  | miRNA |
| hsa-miR-2355-3p   | chr2  | 2.08E+08 | 2.08E+08 - | 0 | 0  | 0   | 0  | 22  | 0   | 0   | 0  | 15  | 0   | miRNA |
| hsa-miR-2355-5p   | chr2  | 2.08E+08 | 2.08E+08 - | 0 | 0  | 0   | 0  | 4   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-2392      | chr14 | 1.01E+08 | 1.01E+08 + | 0 | 0  | 0   | 0  | 1   | 0   | 0   | 0  | 0   | 1   | miRNA |
| hsa-miR-2467-5p   | chr2  | 2.4E+08  | 2.4E+08 -  | 0 | 0  | 0   | 0  | 0   | 0   | 0   | 95 | 0   | 0   | miRNA |
| hsa-miR-26a-2-3p  | chr12 | 58218403 | 58218424 - | 0 | 22 | 34  | 0  | 3   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-26b-3p    | chr2  | 2.19E+08 | 2.19E+08 + | 0 | 0  | 0   | 0  | 7   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-27b-5p    | chr9  | 97847745 | 97847766 + | 0 | 0  | 0   | 0  | 48  | 0   | 0   | 0  | 25  | 44  | miRNA |
| hsa-miR-296-5p    | chr20 | 57392716 | 57392736 - | 0 | 0  | 1   | 0  | 2   | 0   | 0   | 0  | 20  | 0   | miRNA |
| hsa-miR-299-3p    | chr14 | 1.01E+08 | 1.01E+08 + | 0 | 0  | 0   | 0  | 28  | 0   | 0   | 0  | 22  | 0   | miRNA |
| hsa-miR-29b-1-5p  | chr7  | 1.31E+08 | 1.31E+08 - | 0 | 0  | 0   | 0  | 21  | 0   | 0   | 0  | 0   | 19  | miRNA |
| hsa-miR-29b-3p    | chr1  | 2.08E+08 | 2.08E+08 - | 0 | 0  | 21  | 2  | 1   | 0   | 40  | 0  | 17  | 0   | miRNA |
| hsa-miR-29c-5p    | chr1  | 2.08E+08 | 2.08E+08 - | 0 | 0  | 78  | 0  | 20  | 0   | 41  | 0  | 0   | 7   | miRNA |
| hsa-miR-301b-3p   | chr22 | 22007314 | 22007336 + | 0 | 0  | 0   | 0  | 10  | 59  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-302e      | chr11 | 7256002  | 7256018 +  | 0 | 0  | 0   | 0  | 0   | 28  | 0   | 0  | 24  | 130 | miRNA |
| hsa-miR-3064-5p   | chr17 | 62496935 | 62496955 - | 0 | 0  | 0   | 0  | 0   | 0   | 0   | 0  | 30  | 0   | miRNA |
| hsa-miR-3065-3p   | chr17 | 79099726 | 79099748 + | 0 | 0  | 0   | 0  | 3   | 58  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3065-5p   | chr17 | 79099686 | 79099708 + | 0 | 0  | 23  | 0  | 7   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3074-3p   | chr9  | 97848306 | 97848327 - | 0 | 0  | 0   | 0  | 0   | 2   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3074-5p   | chr9  | 97848345 | 97848365 - | 0 | 0  | 0   | 0  | 8   | 0   | 0   | 0  | 13  | 37  | miRNA |
| hsa-miR-30b-3p    | chr8  | 1.36E+08 | 1.36E+08 - | 0 | 17 | 89  | 72 | 175 | 43  | 129 | 0  | 49  | 47  | miRNA |
| hsa-miR-30c-1-3p  | chr1  | 41223011 | 41223032 + | 0 | 33 | 45  | 62 | 37  | 0   | 0   | 0  | 9   | 52  | miRNA |
| hsa-miR-30c-2-3p  | chr6  | 72086667 | 72086688 - | 0 | 16 | 0   | 0  | 25  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-30d-3p    | chr8  | 1.36E+08 | 1.36E+08 - | 0 | 0  | 0   | 0  | 17  | 0   | 46  | 0  | 46  | 0   | miRNA |
| hsa-miR-31-3p     | chr9  | 21512120 | 21512141 - | 0 | 0  | 0   | 0  | 0   | 25  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-31-5p     | chr9  | 21512157 | 21512177 - | 0 | 26 | 25  | 0  | 37  | 0   | 0   | 0  | 3   | 78  | miRNA |
| hsa-miR-3115      | chr1  | 23370803 | 23370822 + | 0 | 0  | 0   | 0  | 24  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3117-3p   | chr1  | 67094168 | 67094188 + | 0 | 0  | 0   | 0  | 6   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3120-3p   | chr1  | 1.72E+08 | 1.72E+08 + | 0 | 50 | 57  | 0  | 117 | 0   | 0   | 0  | 0   | 15  | miRNA |
| hsa-miR-3122      | chr1  | 2.12E+08 | 2.12E+08 + | 0 | 0  | 0   | 0  | 0   | 0   | 0   | 0  | 6   | 0   | miRNA |
| hsa-miR-3127-5p   | chr2  | 97464025 | 97464047 + | 0 | 0  | 95  | 0  | 7   | 0   | 0   | 0  | 95  | 0   | miRNA |
| hsa-miR-3128      | chr2  | 1.78E+08 | 1.78E+08 - | 0 | 0  | 21  | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3129-5p   | chr2  | 1.9E+08  | 1.9E+08 -  | 0 | 0  | 0   | 0  | 0   | 0   | 37  | 0  | 0   | 0   | miRNA |
| hsa-miR-3130-5p   | chr2  | 2.08E+08 | 2.08E+08 + | 0 | 0  | 14  | 0  | 1   | 0   | 0   | 0  | 74  | 42  | miRNA |
| hsa-miR-3131      | chr2  | 2.2E+08  | 2.2E+08 -  | 0 | 0  | 38  | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3135a     | chr3  | 20179066 | 20179087 + | 0 | 0  | 33  | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3135b     | chr6  | 32717729 | 32717750 - | 0 | 1  | 0   | 0  | 0   | 0   | 0   | 1  | 0   | 1   | miRNA |
| hsa-miR-3136-5p   | chr3  | 69098155 | 69098177 - | 0 | 0  | 36  | 0  | 6   | 0   | 0   | 0  | 21  | 0   | miRNA |
| hsa-miR-3139      | chr4  | 1.44E+08 | 1.44E+08 + | 0 | 0  | 0   | 0  | 0   | 0   | 29  | 0  | 0   | 0   | miRNA |
| hsa-miR-3143      | chr6  | 27115408 | 27115432 + | 0 | 20 | 66  | 0  | 0   | 0   | 1   | 24 | 93  | 0   | miRNA |
| hsa-miR-3146      | chr7  | 19744989 | 19745010 - | 0 | 0  | 0   | 0  | 11  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3150a-3p  | chr8  | 96085190 | 96085211 + | 0 | 0  | 0   | 0  | 14  | 0   | 0   | 0  | 17  | 0   | miRNA |
| hsa-miR-3150b-3p  | chr8  | 96085152 | 96085172 - | 0 | 0  | 34  | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3153      | chr9  | 91927189 | 91927211 + | 0 | 0  | 0   | 0  | 0   | 0   | 0   | 0  | 9   | 1   | miRNA |
| hsa-miR-3154      | chr9  | 1.31E+08 | 1.31E+08 - | 0 | 0  | 64  | 0  | 8   | 0   | 0   | 0  | 0   | 94  | miRNA |
| hsa-miR-3157-3p   | chr10 | 97824078 | 97824099 - | 0 | 0  | 0   | 0  | 1   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3157-5p   | chr10 | 97824126 | 97824147 - | 0 | 0  | 12  | 0  | 10  | 0   | 0   | 0  | 12  | 0   | miRNA |
| hsa-miR-3158-3p   | chr10 | 1.03E+08 | 1.03E+08 - | 0 | 0  | 128 | 0  | 19  | 0   | 0   | 0  | 19  | 122 | miRNA |
| hsa-miR-3160-3p   | chr11 | 46473365 | 46473386 - | 0 | 0  | 0   | 0  | 11  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3164      | chr11 | 68850653 | 68850674 + | 0 | 0  | 71  | 0  | 12  | 0   | 0   | 0  | 23  | 0   | miRNA |
| hsa-miR-3165      | chr11 | 71783318 | 71783339 - | 0 | 0  | 0   | 0  | 9   | 0   | 0   | 0  | 19  | 0   | miRNA |
| hsa-miR-3173-3p   | chr14 | 95604260 | 95604281 - | 0 | 0  | 53  | 0  | 0   | 0   | 1   | 0  | 11  | 0   | miRNA |
| hsa-miR-3173-5p   | chr14 | 95604298 | 95604319 - | 0 | 0  | 0   | 0  | 24  | 0   | 0   | 0  | 14  | 0   | miRNA |
| hsa-miR-3174      | chr15 | 90549996 | 90550018 + | 0 | 0  | 0   | 0  | 22  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3176      | chr16 | 593336   | 593354 +   | 0 | 0  | 0   | 0  | 4   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3178      | chr16 | 2581980  | 2581996 -  | 0 | 1  | 1   | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |

|                 |       |          |          |   |   |    |      |     |     |    |     |    |     |     |       |
|-----------------|-------|----------|----------|---|---|----|------|-----|-----|----|-----|----|-----|-----|-------|
| hsa-miR-3179    | chr16 | 14995416 | 14995437 | + | 0 | 0  | 0    | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3180-5p | chr16 | 15005094 | 15005118 | + | 0 | 17 | 0    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3182    | chr16 | 83541954 | 83541970 | + | 0 | 0  | 0    | 1   | 3   | 1  | 0   | 0  | 1   | 0   | miRNA |
| hsa-miR-3185    | chr17 | 46801808 | 46801830 | - | 0 | 1  | 0    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3186-5p | chr17 | 79418178 | 79418199 | - | 0 | 0  | 0    | 0   | 8   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3187-3p | chr19 | 813627   | 813646   | + | 0 | 0  | 35   | 0   | 8   | 0  | 0   | 0  | 49  | 0   | miRNA |
| hsa-miR-3190-3p | chr19 | 47730245 | 47730267 | + | 0 | 1  | 0    | 0   | 11  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3191-3p | chr19 | 47730209 | 47730231 | - | 0 | 6  | 0    | 0   | 0   | 7  | 5   | 0  | 21  | 0   | miRNA |
| hsa-miR-3192-3p | chr20 | 18451306 | 18451326 | + | 0 | 0  | 0    | 0   | 13  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3192-5p | chr20 | 18451268 | 18451290 | + | 0 | 20 | 16   | 0   | 13  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3193    | chr20 | 30194989 | 30195010 | + | 0 | 0  | 0    | 0   | 0   | 1  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3194-5p | chr20 | 50069485 | 50069505 | - | 0 | 0  | 0    | 0   | 0   | 0  | 0   | 0  | 11  | 0   | miRNA |
| hsa-miR-3198    | chr22 | 18246956 | 18246977 | - | 0 | 0  | 0    | 1   | 15  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3199    | chr22 | 28316523 | 28316545 | + | 0 | 0  | 19   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-32-3p   | chr9  | 1.12E+08 | 1.12E+08 | - | 0 | 49 | 82   | 0   | 35  | 0  | 29  | 0  | 29  | 89  | miRNA |
| hsa-miR-32-5p   | chr9  | 1.12E+08 | 1.12E+08 | - | 0 | 22 | 504  | 0   | 30  | 0  | 100 | 0  | 103 | 98  | miRNA |
| hsa-miR-3200-3p | chr22 | 31127597 | 31127618 | + | 0 | 0  | 47   | 0   | 13  | 0  | 163 | 0  | 107 | 0   | miRNA |
| hsa-miR-3200-5p | chr22 | 31127556 | 31127577 | + | 0 | 0  | 0    | 1   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3202    | chrX  | 1.53E+08 | 1.53E+08 | + | 0 | 0  | 0    | 16  | 0   | 2  | 23  | 0  | 0   | 0   | miRNA |
| hsa-miR-320a-5p | chr8  | 22102520 | 22102541 | - | 0 | 1  | 0    | 0   | 15  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-323a-5p | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 0    | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-323b-3p | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 88 | 74   | 218 | 314 | 35 | 0   | 0  | 41  | 0   | miRNA |
| hsa-miR-326     | chr11 | 75046152 | 75046171 | - | 0 | 0  | 0    | 0   | 55  | 0  | 32  | 0  | 0   | 43  | miRNA |
| hsa-miR-329-3p  | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 0    | 61  | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-329-5p  | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 0    | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-330-3p  | chr19 | 46142267 | 46142289 | - | 0 | 0  | 30   | 0   | 105 | 45 | 0   | 0  | 0   | 4   | miRNA |
| hsa-miR-330-5p  | chr19 | 46142307 | 46142328 | - | 0 | 51 | 53   | 0   | 16  | 0  | 0   | 0  | 0   | 72  | miRNA |
| hsa-miR-331-3p  | chr12 | 95702256 | 95702276 | + | 0 | 0  | 37   | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-331-5p  | chr12 | 95702221 | 95702242 | + | 0 | 0  | 3    | 0   | 5   | 0  | 0   | 0  | 31  | 0   | miRNA |
| hsa-miR-335-3p  | chr7  | 1.3E+08  | 1.3E+08  | + | 0 | 8  | 34   | 19  | 12  | 38 | 0   | 0  | 0   | 51  | miRNA |
| hsa-miR-337-3p  | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 0    | 61  | 20  | 41 | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-338-5p  | chr17 | 79099723 | 79099744 | - | 0 | 0  | 0    | 0   | 37  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-33a-3p  | chr22 | 42296993 | 42297014 | + | 0 | 0  | 0    | 0   | 15  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-33b-3p  | chr17 | 17717171 | 17717192 | - | 0 | 0  | 0    | 0   | 10  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-340-3p  | chr5  | 1.79E+08 | 1.79E+08 | - | 0 | 62 | 50   | 74  | 69  | 39 | 0   | 0  | 0   | 1   | miRNA |
| hsa-miR-342-3p  | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 31   | 114 | 26  | 40 | 82  | 0  | 18  | 0   | miRNA |
| hsa-miR-346     | chr10 | 88024504 | 88024526 | - | 0 | 1  | 0    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-34a-3p  | chr1  | 9211752  | 9211773  | - | 0 | 0  | 0    | 0   | 2   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-34c-3p  | chr11 | 1.11E+08 | 1.11E+08 | + | 0 | 0  | 47   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-34c-5p  | chr11 | 1.11E+08 | 1.11E+08 | + | 0 | 73 | 26   | 55  | 23  | 0  | 0   | 10 | 34  | 0   | miRNA |
| hsa-miR-3605-3p | chr1  | 33798006 | 33798028 | - | 0 | 22 | 34   | 0   | 31  | 0  | 37  | 0  | 24  | 85  | miRNA |
| hsa-miR-3610    | chr8  | 1.18E+08 | 1.18E+08 | - | 0 | 19 | 0    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3614-3p | chr17 | 54968642 | 54968664 | - | 0 | 0  | 0    | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3614-5p | chr17 | 54968680 | 54968702 | - | 0 | 0  | 0    | 0   | 15  | 0  | 0   | 0  | 0   | 131 | miRNA |
| hsa-miR-362-3p  | chrX  | 49773613 | 49773634 | + | 0 | 0  | 23   | 0   | 9   | 0  | 30  | 0  | 3   | 61  | miRNA |
| hsa-miR-3621    | chr9  | 1.4E+08  | 1.4E+08  | - | 0 | 4  | 0    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-363-3p  | chrX  | 1.33E+08 | 1.33E+08 | - | 0 | 9  | 1041 | 0   | 114 | 0  | 440 | 47 | 773 | 189 | miRNA |
| hsa-miR-363-5p  | chrX  | 1.33E+08 | 1.33E+08 | - | 0 | 0  | 29   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3652    | chr12 | 1.04E+08 | 1.04E+08 | + | 0 | 0  | 0    | 1   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-365a-3p | chr16 | 14403197 | 14403218 | + | 0 | 0  | 0    | 0   | 9   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-365a-5p | chr16 | 14403157 | 14403179 | + | 0 | 0  | 10   | 0   | 3   | 30 | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-365b-3p | chr17 | 29902497 | 29902518 | + | 0 | 0  | 0    | 0   | 9   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-365b-5p | chr17 | 29902458 | 29902479 | + | 0 | 0  | 0    | 0   | 13  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3661    | chr5  | 1.34E+08 | 1.34E+08 | + | 0 | 0  | 0    | 0   | 0   | 0  | 0   | 1  | 0   | 0   | miRNA |
| hsa-miR-3663-5p | chr10 | 1.19E+08 | 1.19E+08 | - | 0 | 0  | 0    | 0   | 0   | 0  | 1   | 0  | 0   | 0   | miRNA |
| hsa-miR-3667-5p | chr22 | 49937085 | 49937106 | - | 0 | 0  | 0    | 0   | 2   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3674    | chr8  | 1749299  | 1749320  | + | 0 | 0  | 0    | 1   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3679-5p | chr2  | 1.35E+08 | 1.35E+08 | + | 0 | 0  | 309  | 0   | 50  | 20 | 0   | 0  | 0   | 37  | miRNA |
| hsa-miR-3680-3p | chr16 | 21517385 | 21517407 | - | 0 | 0  | 0    | 0   | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3682-3p | chr2  | 54076273 | 54076293 | - | 0 | 0  | 120  | 0   | 25  | 0  | 39  | 0  | 71  | 0   | miRNA |
| hsa-miR-3688-3p | chr4  | 1.6E+08  | 1.6E+08  | - | 0 | 51 | 133  | 0   | 30  | 0  | 0   | 0  | 40  | 55  | miRNA |
| hsa-miR-369-3p  | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 15 | 165  | 67  | 152 | 0  | 36  | 1  | 0   | 1   | miRNA |
| hsa-miR-369-5p  | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0    | 0   | 25  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-3691-5p | chr6  | 5148520  | 5148542  | - | 0 | 0  | 0    | 0   | 3   | 0  | 37  | 0  | 0   | 0   | miRNA |
| hsa-miR-370-5p  | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 0    | 0   | 40  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-371a-5p | chr19 | 54290934 | 54290953 | + | 0 | 0  | 0    | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-371b-3p | chr19 | 54290932 | 54290954 | - | 0 | 0  | 0    | 0   | 0   | 0  | 0   | 0  | 1   | 0   | miRNA |
| hsa-miR-372-3p  | chr19 | 54291185 | 54291207 | + | 0 | 0  | 0    | 0   | 5   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-373-3p  | chr19 | 54292002 | 54292024 | + | 0 | 0  | 38   | 0   | 0   | 1  | 0   | 68 | 0   | 0   | miRNA |
| hsa-miR-374b-3p | chrX  | 73438392 | 73438413 | - | 0 | 23 | 0    | 0   | 9   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-374b-5p | chrX  | 73438422 | 73438443 | - | 0 | 46 | 43   | 0   | 133 | 37 | 41  | 0  | 7   | 0   | miRNA |
| hsa-miR-374c-5p | chrX  | 73438396 | 73438417 | + | 0 | 0  | 1    | 0   | 1   | 0  | 1   | 0  | 0   | 0   | miRNA |
| hsa-miR-376a-3p | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 16 | 0    | 0   | 34  | 36 | 0   | 0  | 0   | 73  | miRNA |
| hsa-miR-376b-5p | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0    | 0   | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-376c-3p | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0    | 0   | 10  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-376c-5p | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0    | 0   | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-378a-5p | chr5  | 1.49E+08 | 1.49E+08 | + | 0 | 0  | 0    | 0   | 6   | 0  | 0   | 0  | 19  | 0   | miRNA |
| hsa-miR-378f    | chr1  | 24255611 | 24255630 | + | 0 | 1  | 4    | 1   | 7   | 0  | 0   | 0  | 2   | 2   | miRNA |
| hsa-miR-379-3p  | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 0    | 0   | 14  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-380-5p  | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 0    | 0   | 0   | 19 | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-381-3p  | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 45 | 24   | 110 | 291 | 99 | 0   | 52 | 15  | 104 | miRNA |
| hsa-miR-381-5p  | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0    | 0   | 0   | 0  | 0   | 34 | 0   | 0   | miRNA |
| hsa-miR-382-3p  | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 20 | 34   | 5   | 106 | 0  | 43  | 0  | 16  | 0   | miRNA |

|                   |       |          |          |   |   |     |     |     |     |     |    |    |    |     |       |
|-------------------|-------|----------|----------|---|---|-----|-----|-----|-----|-----|----|----|----|-----|-------|
| hsa-miR-3911      | chr9  | 1.3E+08  | 1.3E+08  | - | 0 | 0   | 72  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-3912-3p   | chr5  | 1.71E+08 | 1.71E+08 | - | 0 | 0   | 55  | 0   | 0   | 0   | 0  | 0  | 0  | 48  | miRNA |
| hsa-miR-3913-5p   | chr12 | 69978524 | 69978545 | + | 0 | 0   | 0   | 0   | 0   | 22  | 0  | 0  | 28 | 34  | miRNA |
| hsa-miR-3918      | chr6  | 1.59E+08 | 1.59E+08 | - | 0 | 0   | 0   | 0   | 3   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-3919      | chr3  | 1.59E+08 | 1.59E+08 | + | 0 | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 1  | 0   | miRNA |
| hsa-miR-3922-3p   | chr12 | 1.05E+08 | 1.05E+08 | + | 0 | 0   | 22  | 0   | 18  | 37  | 28 | 0  | 0  | 93  | miRNA |
| hsa-miR-3922-5p   | chr12 | 1.05E+08 | 1.05E+08 | + | 0 | 0   | 0   | 0   | 4   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-3923      | chr3  | 79557087 | 79557108 | + | 0 | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-3925-5p   | chr6  | 36590257 | 36590278 | - | 0 | 0   | 11  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-3928-3p   | chr22 | 31556048 | 31556069 | - | 0 | 0   | 59  | 0   | 38  | 6   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-3934-5p   | chr6  | 33665929 | 33665950 | + | 0 | 0   | 11  | 0   | 0   | 0   | 0  | 0  | 18 | 0   | miRNA |
| hsa-miR-3936      | chr5  | 1.32E+08 | 1.32E+08 | - | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 23 | 0   | miRNA |
| hsa-miR-3937      | chrX  | 39520530 | 39520552 | + | 0 | 0   | 0   | 0   | 4   | 2   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-3938      | chr3  | 55886543 | 55886564 | - | 0 | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 0   | miRNA |
| hsa-miR-3939      | chr6  | 1.67E+08 | 1.67E+08 | - | 0 | 0   | 0   | 0   | 5   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-3945      | chr4  | 1.86E+08 | 1.86E+08 | - | 0 | 0   | 0   | 0   | 8   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-3960      | chr9  | 1.31E+08 | 1.31E+08 | + | 0 | 1   | 0   | 0   | 0   | 1   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-3975      | chr18 | 33171746 | 33171767 | + | 0 | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-411-3p    | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0   | 0   | 0   | 10  | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-411-5p    | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 17  | 25  | 253 | 231 | 143 | 0  | 0  | 20 | 0   | miRNA |
| hsa-miR-412-3p    | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0   | 0   | 0   | 0   | 1   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-412-5p    | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0   | 108 | 168 | 19  | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-422a      | chr15 | 64163188 | 64163209 | - | 0 | 1   | 5   | 0   | 1   | 0   | 0  | 0  | 1  | 2   | miRNA |
| hsa-miR-424-5p    | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 27  | 532 | 55  | 284 | 31  | 34 | 0  | 22 | 175 | miRNA |
| hsa-miR-4271      | chr3  | 49311591 | 49311609 | + | 0 | 0   | 0   | 26  | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4289      | chr9  | 91360792 | 91360810 | - | 0 | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-429       | chr1  | 1104435  | 1104456  | + | 0 | 23  | 7   | 0   | 19  | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4307      | chr14 | 27377903 | 27377921 | + | 0 | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 0   | miRNA |
| hsa-miR-4311      | chr15 | 66332581 | 66332598 | + | 0 | 0   | 0   | 0   | 17  | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4320      | chr18 | 47652879 | 47652896 | - | 0 | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4326      | chr20 | 61918170 | 61918189 | + | 0 | 0   | 0   | 0   | 9   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-433-5p    | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0   | 0   | 0   | 6   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4420      | chr1  | 31212005 | 31212026 | - | 0 | 0   | 0   | 0   | 4   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4427      | chr1  | 2.34E+08 | 2.34E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 0   | miRNA |
| hsa-miR-4433b-5p  | chr2  | 64567943 | 64567963 | - | 0 | 122 | 0   | 32  | 64  | 26  | 0  | 0  | 31 | 30  | miRNA |
| hsa-miR-4434      | chr2  | 64752654 | 64752671 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 1  | 0  | 0   | miRNA |
| hsa-miR-4435      | chr2  | 87929283 | 87929304 | + | 0 | 0   | 0   | 0   | 7   | 0   | 34 | 0  | 0  | 0   | miRNA |
| hsa-miR-4436a     | chr2  | 89111939 | 89111959 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 19 | 0   | miRNA |
| hsa-miR-4436b-3p  | chr2  | 1.11E+08 | 1.11E+08 | - | 0 | 0   | 0   | 0   | 10  | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4440      | chr2  | 2.4E+08  | 2.4E+08  | - | 0 | 0   | 0   | 0   | 8   | 0   | 0  | 0  | 18 | 14  | miRNA |
| hsa-miR-4441      | chr2  | 2.4E+08  | 2.4E+08  | - | 0 | 0   | 0   | 0   | 6   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4444      | chr2  | 1.78E+08 | 1.78E+08 | + | 0 | 0   | 34  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4445-5p   | chr3  | 1.09E+08 | 1.09E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 23  | miRNA |
| hsa-miR-4454      | chr4  | 1.64E+08 | 1.64E+08 | - | 0 | 0   | 29  | 0   | 0   | 1   | 37 | 31 | 0  | 31  | miRNA |
| hsa-miR-4458      | chr5  | 8461046  | 8461064  | + | 0 | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4467      | chr7  | 1.02E+08 | 1.02E+08 | + | 0 | 0   | 50  | 0   | 0   | 0   | 0  | 0  | 15 | 0   | miRNA |
| hsa-miR-4471      | chr8  | 1.01E+08 | 1.01E+08 | + | 0 | 0   | 24  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4473      | chr9  | 20411159 | 20411180 | - | 0 | 0   | 0   | 0   | 7   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4477b     | chr9  | 68415357 | 68415378 | + | 0 | 0   | 0   | 0   | 6   | 0   | 1  | 0  | 0  | 85  | miRNA |
| hsa-miR-4482-3p   | chr10 | 1.06E+08 | 1.06E+08 | - | 0 | 0   | 18  | 0   | 0   | 0   | 0  | 0  | 1  | 0   | miRNA |
| hsa-miR-4482-5p   | chr10 | 1.06E+08 | 1.06E+08 | - | 0 | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4484      | chr10 | 1.28E+08 | 1.28E+08 | + | 0 | 0   | 0   | 0   | 2   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4485-5p   | chr11 | 10529852 | 10529867 | - | 0 | 4   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4486      | chr11 | 19596861 | 19596877 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 29 | 1   | miRNA |
| hsa-miR-4487      | chr11 | 47422574 | 47422592 | + | 0 | 0   | 32  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4488      | chr11 | 61276071 | 61276088 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 42 | 0  | 0   | miRNA |
| hsa-miR-4489      | chr11 | 65416668 | 65416688 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 17  | miRNA |
| hsa-miR-4492      | chr11 | 1.19E+08 | 1.19E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 17 | 0   | miRNA |
| hsa-miR-4497      | chr12 | 1.1E+08  | 1.1E+08  | + | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 0   | miRNA |
| hsa-miR-4498      | chr12 | 1.21E+08 | 1.21E+08 | - | 0 | 0   | 13  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4499      | chr13 | 21007969 | 21007985 | - | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1   | miRNA |
| hsa-miR-449a      | chr5  | 54466414 | 54466435 | - | 0 | 12  | 0   | 0   | 9   | 0   | 0  | 0  | 16 | 22  | miRNA |
| hsa-miR-449b-5p   | chr5  | 54466534 | 54466555 | - | 0 | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-450a-1-3p | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 0   | 0   | 0   | 9   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-450a-2-3p | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 61  | 68  | 0   | 137 | 0   | 39 | 0  | 29 | 79  | miRNA |
| hsa-miR-450a-5p   | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 0   | 32  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-450b-5p   | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 0   | 0   | 0   | 0   | 48  | 0  | 0  | 23 | 61  | miRNA |
| hsa-miR-4514      | chr15 | 81289791 | 81289808 | - | 0 | 0   | 0   | 0   | 4   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4517      | chr16 | 28969908 | 28969932 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1   | miRNA |
| hsa-miR-4518      | chr16 | 30515289 | 30515314 | + | 0 | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 1  | 0   | miRNA |
| hsa-miR-451b      | chr17 | 27188395 | 27188416 | + | 0 | 0   | 6   | 0   | 0   | 0   | 0  | 0  | 0  | 4   | miRNA |
| hsa-miR-452-3p    | chrX  | 1.51E+08 | 1.51E+08 | - | 0 | 30  | 6   | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4520-2-3p | chr17 | 6558800  | 6558821  | + | 0 | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 0   | miRNA |
| hsa-miR-4520-3p   | chr17 | 6558766  | 6558787  | - | 0 | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 0   | miRNA |
| hsa-miR-4521      | chr17 | 8090266  | 8090287  | + | 0 | 3   | 1   | 2   | 9   | 0   | 1  | 0  | 1  | 6   | miRNA |
| hsa-miR-4525      | chr17 | 80626157 | 80626177 | - | 0 | 0   | 0   | 0   | 5   | 0   | 0  | 0  | 19 | 0   | miRNA |
| hsa-miR-4526      | chr18 | 13611166 | 13611187 | + | 0 | 0   | 49  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-455-3p    | chr9  | 1.17E+08 | 1.17E+08 | + | 0 | 0   | 0   | 0   | 8   | 0   | 0  | 76 | 0  | 0   | miRNA |
| hsa-miR-455-5p    | chr9  | 1.17E+08 | 1.17E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 0   | miRNA |
| hsa-miR-4632-5p   | chr1  | 12251770 | 12251792 | + | 0 | 0   | 11  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4638-5p   | chr5  | 1.81E+08 | 1.81E+08 | - | 0 | 0   | 0   | 0   | 8   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4639-5p   | chr6  | 16141787 | 16141808 | + | 0 | 0   | 26  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-miR-4644      | chr6  | 1.71E+08 | 1.71E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 0   | miRNA |

|                  |       |          |          |   |   |    |     |     |     |    |     |    |     |     |       |
|------------------|-------|----------|----------|---|---|----|-----|-----|-----|----|-----|----|-----|-----|-------|
| hsa-miR-4646-5p  | chr6  | 31668847 | 31668868 | - | 0 | 0  | 226 | 0   | 5   | 0  | 140 | 0  | 78  | 0   | miRNA |
| hsa-miR-4647     | chr6  | 44221990 | 44222012 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 14  | 0   | miRNA |
| hsa-miR-4650-3p  | chr7  | 66579319 | 66579339 | - | 0 | 0  | 1   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4650-5p  | chr7  | 66579352 | 66579370 | - | 0 | 0  | 1   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4651     | chr7  | 75544524 | 75544543 | + | 0 | 0  | 0   | 0   | 5   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4653-3p  | chr7  | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 18  | 0   | 0   | 0  | 0   | 0  | 1   | 0   | miRNA |
| hsa-miR-4655-5p  | chr7  | 1883859  | 1883880  | - | 0 | 2  | 1   | 1   | 0   | 1  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4656     | chr7  | 4828239  | 4828261  | - | 0 | 93 | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4657     | chr7  | 44921377 | 44921399 | - | 0 | 0  | 36  | 0   | 9   | 0  | 0   | 0  | 29  | 0   | miRNA |
| hsa-miR-4659b-5p | chr8  | 6602734  | 6602752  | - | 0 | 0  | 37  | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4660     | chr8  | 8905963  | 8905985  | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 12  | 0   | miRNA |
| hsa-miR-4665-5p  | chr9  | 6007835  | 6007857  | + | 0 | 0  | 0   | 6   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4667-5p  | chr9  | 35608093 | 35608114 | + | 0 | 0  | 20  | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4669     | chr9  | 1.37E+08 | 1.37E+08 | + | 0 | 0  | 23  | 0   | 11  | 0  | 0   | 0  | 159 | 0   | miRNA |
| hsa-miR-4671-5p  | chr1  | 2.34E+08 | 2.34E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 1   | 0  | 0   | 1   | miRNA |
| hsa-miR-4672     | chr9  | 1.31E+08 | 1.31E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 34  | miRNA |
| hsa-miR-4673     | chr9  | 1.39E+08 | 1.39E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 6   | 0   | miRNA |
| hsa-miR-4676-3p  | chr10 | 74480830 | 74480851 | + | 0 | 0  | 0   | 0   | 2   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4677-3p  | chr1  | 2.44E+08 | 2.44E+08 | - | 0 | 24 | 0   | 0   | 2   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4685-3p  | chr10 | 1E+08    | 1E+08    | - | 0 | 0  | 0   | 56  | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4687-3p  | chr11 | 3877343  | 3877363  | + | 0 | 0  | 0   | 0   | 2   | 0  | 0   | 0  | 1   | 0   | miRNA |
| hsa-miR-4689     | chr1  | 5922771  | 5922792  | - | 0 | 0  | 2   | 0   | 1   | 1  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4690-5p  | chr11 | 65403781 | 65403802 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 1   | miRNA |
| hsa-miR-4695-3p  | chr1  | 19209698 | 19209719 | - | 0 | 0  | 1   | 0   | 0   | 0  | 0   | 0  | 0   | 1   | miRNA |
| hsa-miR-4706     | chr14 | 65511415 | 65511439 | + | 0 | 0  | 0   | 1   | 0   | 0  | 0   | 0  | 17  | 0   | miRNA |
| hsa-miR-4708-3p  | chr14 | 65801841 | 65801862 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 11  | 0   | miRNA |
| hsa-miR-4711-5p  | chr1  | 60198941 | 60198963 | - | 0 | 0  | 0   | 0   | 6   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4712-3p  | chr15 | 50652582 | 50652602 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 1   | miRNA |
| hsa-miR-4713-5p  | chr15 | 51534397 | 51534418 | + | 0 | 0  | 0   | 0   | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4714-3p  | chr15 | 99327702 | 99327723 | + | 0 | 0  | 19  | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4716-3p  | chr15 | 49461276 | 49461297 | - | 0 | 0  | 59  | 0   | 0   | 0  | 0   | 0  | 1   | 0   | miRNA |
| hsa-miR-4717-3p  | chr16 | 2324662  | 2324682  | + | 0 | 0  | 0   | 0   | 8   | 1  | 0   | 0  | 0   | 30  | miRNA |
| hsa-miR-4717-5p  | chr16 | 2324630  | 2324651  | + | 0 | 0  | 0   | 0   | 0   | 1  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4725-3p  | chr17 | 29902345 | 29902366 | + | 0 | 0  | 0   | 0   | 9   | 0  | 0   | 0  | 1   | 0   | miRNA |
| hsa-miR-4726-5p  | chr17 | 36875944 | 36875966 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 12  | 0   | miRNA |
| hsa-miR-4738-5p  | chr17 | 73780648 | 73780669 | - | 0 | 0  | 18  | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4739     | chr17 | 77681025 | 77681049 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 43  | miRNA |
| hsa-miR-4740-3p  | chr17 | 79374516 | 79374537 | - | 0 | 0  | 0   | 0   | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4742-3p  | chr1  | 2.25E+08 | 2.25E+08 | - | 0 | 0  | 0   | 0   | 5   | 0  | 0   | 0  | 43  | 5   | miRNA |
| hsa-miR-4743-5p  | chr18 | 46196973 | 46196995 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 21  | 0   | miRNA |
| hsa-miR-4745-3p  | chr19 | 804977   | 804999   | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 1   | miRNA |
| hsa-miR-4746-3p  | chr19 | 4446018  | 4446038  | + | 0 | 0  | 0   | 0   | 2   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4746-5p  | chr19 | 4445984  | 4446006  | + | 0 | 0  | 0   | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4747-5p  | chr19 | 4932699  | 4932720  | + | 0 | 0  | 39  | 0   | 0   | 0  | 192 | 0  | 28  | 40  | miRNA |
| hsa-miR-4748     | chr19 | 10890939 | 10890959 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 39  | 0   | miRNA |
| hsa-miR-4749-5p  | chr19 | 50357850 | 50357871 | + | 0 | 0  | 0   | 0   | 0   | 26 | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4750-5p  | chr19 | 50391434 | 50391455 | + | 0 | 0  | 1   | 36  | 4   | 0  | 0   | 0  | 0   | 46  | miRNA |
| hsa-miR-4762-3p  | chr22 | 46156452 | 46156473 | + | 0 | 0  | 0   | 0   | 14  | 0  | 6   | 0  | 0   | 0   | miRNA |
| hsa-miR-4764-3p  | chr22 | 33832574 | 33832595 | - | 0 | 0  | 0   | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4766-3p  | chr22 | 41209897 | 41209917 | - | 0 | 0  | 0   | 0   | 7   | 0  | 107 | 0  | 0   | 0   | miRNA |
| hsa-miR-4769-5p  | chrX  | 47446835 | 47446858 | + | 0 | 0  | 0   | 0   | 12  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4772-3p  | chr2  | 1.03E+08 | 1.03E+08 | + | 0 | 0  | 0   | 0   | 76  | 0  | 0   | 0  | 0   | 108 | miRNA |
| hsa-miR-4772-5p  | chr2  | 1.03E+08 | 1.03E+08 | + | 0 | 0  | 0   | 137 | 16  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4773     | chr2  | 1.52E+08 | 1.52E+08 | - | 0 | 4  | 0   | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4776-3p  | chr2  | 2.14E+08 | 2.14E+08 | + | 0 | 0  | 1   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4784     | chr2  | 1.32E+08 | 1.32E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 13  | 0  | 21  | 0   | miRNA |
| hsa-miR-4791     | chr3  | 19356399 | 19356416 | - | 0 | 0  | 0   | 0   | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4795-3p  | chr3  | 87275349 | 87275370 | - | 0 | 0  | 27  | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4796-3p  | chr3  | 1.14E+08 | 1.14E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 1   | 0  | 0   | 0   | miRNA |
| hsa-miR-4800-5p  | chr4  | 2251854  | 2251874  | - | 0 | 0  | 0   | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-4804-5p  | chr5  | 72174427 | 72174447 | + | 0 | 0  | 2   | 0   | 3   | 0  | 48  | 0  | 3   | 0   | miRNA |
| hsa-miR-483-3p   | chr11 | 2155372  | 2155392  | - | 0 | 0  | 0   | 0   | 10  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-485-3p   | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 125 | 168 | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-485-5p   | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 8   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-487a-3p  | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 17  | 0   | miRNA |
| hsa-miR-487a-5p  | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 21  | 0  | 0   | 0  | 18  | 0   | miRNA |
| hsa-miR-487b-3p  | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 30 | 35  | 294 | 504 | 0  | 0   | 0  | 41  | 0   | miRNA |
| hsa-miR-489-3p   | chr7  | 93113259 | 93113280 | - | 0 | 0  | 33  | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-490-5p   | chr7  | 1.37E+08 | 1.37E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 20  | 0   | miRNA |
| hsa-miR-493-3p   | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 3  | 0   | 109 | 65  | 0  | 0   | 0  | 8   | 0   | miRNA |
| hsa-miR-495-3p   | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 30  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-496      | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 2   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-497-5p   | chr17 | 6921298  | 6921318  | - | 0 | 0  | 56  | 0   | 0   | 0  | 0   | 0  | 0   | 28  | miRNA |
| hsa-miR-4999-5p  | chr19 | 8454224  | 8454244  | - | 0 | 23 | 19  | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-499a-5p  | chr20 | 33578211 | 33578231 | + | 0 | 0  | 45  | 0   | 9   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-5000-3p  | chr2  | 75318000 | 75318021 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 18  | 0   | miRNA |
| hsa-miR-5001-3p  | chr2  | 2.33E+08 | 2.33E+08 | - | 0 | 18 | 18  | 0   | 0   | 0  | 0   | 0  | 12  | 0   | miRNA |
| hsa-miR-5003-3p  | chr5  | 1.72E+08 | 1.72E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 52  | 0  | 0   | 0   | miRNA |
| hsa-miR-5003-5p  | chr5  | 1.72E+08 | 1.72E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 1   | miRNA |
| hsa-miR-5006-5p  | chr13 | 42142491 | 42142511 | - | 0 | 0  | 0   | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-5009-5p  | chr15 | 90427219 | 90427242 | - | 0 | 0  | 5   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-500a-3p  | chrX  | 49773090 | 49773111 | + | 0 | 14 | 27  | 109 | 16  | 34 | 37  | 0  | 56  | 0   | miRNA |
| hsa-miR-501-3p   | chrX  | 49774380 | 49774401 | + | 0 | 0  | 76  | 0   | 0   | 0  | 0   | 51 | 0   | 0   | miRNA |

|                   |       |          |          |   |   |    |     |     |     |    |    |    |     |    |       |
|-------------------|-------|----------|----------|---|---|----|-----|-----|-----|----|----|----|-----|----|-------|
| hsa-miR-501-5p    | chrX  | 49774343 | 49774364 | + | 0 | 0  | 34  | 0   | 0   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-502-3p    | chrX  | 49779257 | 49779278 | + | 0 | 14 | 27  | 109 | 16  | 34 | 37 | 0  | 56  | 0  | miRNA |
| hsa-miR-502-5p    | chrX  | 49779221 | 49779241 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 19  | 0  | miRNA |
| hsa-miR-503-3p    | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 0  | 28  | 0   | 0   | 0  | 0  | 0  | 1   | 0  | miRNA |
| hsa-miR-503-5p    | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 0  | 255 | 0   | 29  | 33 | 0  | 0  | 266 | 71 | miRNA |
| hsa-miR-504-5p    | chrX  | 1.38E+08 | 1.38E+08 | - | 0 | 0  | 0   | 0   | 24  | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-505-3p    | chrX  | 1.39E+08 | 1.39E+08 | - | 0 | 70 | 110 | 0   | 116 | 41 | 62 | 0  | 31  | 0  | miRNA |
| hsa-miR-505-5p    | chrX  | 1.39E+08 | 1.39E+08 | - | 0 | 0  | 15  | 0   | 0   | 0  | 0  | 0  | 10  | 0  | miRNA |
| hsa-miR-5092      | chr3  | 1.25E+08 | 1.25E+08 | - | 0 | 0  | 0   | 1   | 0   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-5093      | chr16 | 85339842 | 85339864 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 1  | 0   | 0  | miRNA |
| hsa-miR-511-3p    | chr10 | 18134089 | 18134108 | + | 0 | 0  | 147 | 0   | 0   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-511-5p    | chr10 | 18134051 | 18134071 | + | 0 | 0  | 39  | 56  | 17  | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-516b-5p   | chr19 | 54228711 | 54228732 | + | 0 | 0  | 0   | 0   | 5   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-5186      | chr3  | 1.51E+08 | 1.51E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 18  | 0  | miRNA |
| hsa-miR-5187-3p   | chr1  | 1.61E+08 | 1.61E+08 | + | 0 | 1  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-5188      | chr12 | 1.25E+08 | 1.25E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 1  | 0  | 0   | 1  | miRNA |
| hsa-miR-5189-5p   | chr16 | 88535351 | 88535374 | + | 0 | 0  | 67  | 37  | 11  | 0  | 0  | 0  | 30  | 0  | miRNA |
| hsa-miR-518a-5p   | chr19 | 54242602 | 54242621 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 4  | 1   | 0  | miRNA |
| hsa-miR-526a-5p   | chr19 | 54230182 | 54230203 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | 36 | miRNA |
| hsa-miR-539-3p    | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 13  | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-539-5p    | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 22  | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-542-5p    | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 0  | 34  | 0   | 6   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-545-5p    | chrX  | 73506999 | 73507020 | - | 0 | 0  | 0   | 0   | 14  | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-548ab     | chr3  | 1.03E+08 | 1.03E+08 | + | 0 | 5  | 6   | 0   | 1   | 0  | 3  | 0  | 4   | 1  | miRNA |
| hsa-miR-548ag     | chr20 | 59139623 | 59139643 | + | 0 | 0  | 0   | 0   | 9   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-548ah-3p  | chr4  | 77496750 | 77496771 | + | 0 | 0  | 0   | 0   | 11  | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-548ak     | chr10 | 12172791 | 12172811 | - | 0 | 0  | 23  | 0   | 4   | 0  | 0  | 0  | 18  | 43 | miRNA |
| hsa-miR-548am-3p  | chrX  | 16645142 | 16645163 | - | 0 | 16 | 0   | 0   | 0   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-548am-5p  | chrX  | 16645178 | 16645199 | - | 0 | 9  | 236 | 1   | 17  | 39 | 41 | 0  | 75  | 46 | miRNA |
| hsa-miR-548aq-5p  | chr3  | 1.85E+08 | 1.85E+08 | - | 0 | 0  | 12  | 0   | 0   | 0  | 0  | 0  | 15  | 0  | miRNA |
| hsa-miR-548as-5p  | chr13 | 93142416 | 93142437 | + | 0 | 0  | 37  | 0   | 0   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-548at-3p  | chr17 | 40646828 | 40646848 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 1   | 0  | miRNA |
| hsa-miR-548at-5p  | chr17 | 40646791 | 40646812 | + | 0 | 0  | 160 | 0   | 0   | 0  | 23 | 0  | 75  | 0  | miRNA |
| hsa-miR-548au-3p  | chr9  | 96357156 | 96357176 | + | 0 | 0  | 7   | 0   | 0   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-548av-3p  | chr18 | 70520556 | 70520575 | - | 0 | 0  | 58  | 0   | 0   | 0  | 0  | 0  | 74  | 23 | miRNA |
| hsa-miR-548aw     | chr9  | 1.36E+08 | 1.36E+08 | + | 0 | 0  | 23  | 0   | 0   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-548ax     | chrX  | 11336776 | 11336797 | - | 0 | 0  | 59  | 0   | 1   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-548az-5p  | chr8  | 1.2E+08  | 1.2E+08  | + | 0 | 0  | 24  | 0   | 0   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-548b-5p   | chr6  | 1.19E+08 | 1.19E+08 | - | 0 | 1  | 41  | 1   | 1   | 47 | 1  | 0  | 29  | 45 | miRNA |
| hsa-miR-548c-5p   | chr12 | 65016313 | 65016334 | + | 0 | 9  | 236 | 0   | 17  | 39 | 41 | 0  | 75  | 45 | miRNA |
| hsa-miR-548e-3p   | chr10 | 1.13E+08 | 1.13E+08 | + | 0 | 23 | 0   | 0   | 10  | 0  | 0  | 0  | 11  | 0  | miRNA |
| hsa-miR-548e-5p   | chr10 | 1.13E+08 | 1.13E+08 | + | 0 | 0  | 85  | 0   | 10  | 32 | 3  | 0  | 1   | 0  | miRNA |
| hsa-miR-548f-3p   | chr2  | 2.13E+08 | 2.13E+08 | - | 0 | 0  | 0   | 0   | 0   | 45 | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-548f-5p   | chr10 | 56367686 | 56367707 | - | 0 | 0  | 1   | 0   | 0   | 0  | 1  | 0  | 0   | 0  | miRNA |
| hsa-miR-548g-3p   | chr4  | 1.48E+08 | 1.48E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 1   | 0  | miRNA |
| hsa-miR-548i      | chr3  | 1.26E+08 | 1.26E+08 | - | 0 | 0  | 3   | 0   | 1   | 0  | 0  | 0  | 1   | 0  | miRNA |
| hsa-miR-548k      | chr11 | 70130092 | 70130113 | + | 0 | 0  | 0   | 0   | 0   | 0  | 49 | 0  | 28  | 0  | miRNA |
| hsa-miR-548l      | chr11 | 94199711 | 94199732 | - | 0 | 18 | 204 | 0   | 92  | 0  | 46 | 0  | 198 | 47 | miRNA |
| hsa-miR-548n      | chr7  | 34980416 | 34980437 | - | 0 | 28 | 6   | 0   | 10  | 0  | 37 | 0  | 4   | 1  | miRNA |
| hsa-miR-548o-3p   | chr20 | 37145250 | 37145271 | + | 0 | 0  | 58  | 0   | 27  | 0  | 0  | 0  | 74  | 23 | miRNA |
| hsa-miR-548o-5p   | chr20 | 37145212 | 37145233 | + | 0 | 9  | 236 | 0   | 17  | 39 | 41 | 0  | 75  | 45 | miRNA |
| hsa-miR-548q      | chr10 | 12767324 | 12767345 | - | 0 | 0  | 275 | 0   | 28  | 4  | 0  | 0  | 16  | 0  | miRNA |
| hsa-miR-548t-5p   | chr4  | 1.74E+08 | 1.74E+08 | + | 0 | 0  | 0   | 0   | 1   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-548u      | chr6  | 57254978 | 57255000 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | 6  | miRNA |
| hsa-miR-548w      | chr16 | 26036567 | 26036589 | + | 0 | 0  | 23  | 0   | 4   | 0  | 0  | 0  | 18  | 43 | miRNA |
| hsa-miR-548y      | chr14 | 48230264 | 48230285 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 1  | 0   | 0  | miRNA |
| hsa-miR-550a-3-5p | chr7  | 29720405 | 29720424 | - | 0 | 0  | 1   | 0   | 1   | 0  | 0  | 0  | 0   | 53 | miRNA |
| hsa-miR-550a-5p   | chr7  | 30329431 | 30329453 | + | 0 | 0  | 58  | 1   | 40  | 0  | 0  | 0  | 53  | 94 | miRNA |
| hsa-miR-550b-2-5p | chr7  | 30329470 | 30329491 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | 50 | miRNA |
| hsa-miR-550b-3p   | chr7  | 30329430 | 30329449 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 3   | 0  | miRNA |
| hsa-miR-551a      | chr1  | 3477274  | 3477294  | - | 0 | 25 | 0   | 0   | 3   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-551b-3p   | chr3  | 1.68E+08 | 1.68E+08 | + | 0 | 1  | 0   | 0   | 4   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-552-3p    | chr1  | 35135215 | 35135235 | - | 0 | 0  | 0   | 0   | 8   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-556-3p    | chr1  | 1.62E+08 | 1.62E+08 | + | 0 | 0  | 0   | 0   | 6   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-5583-3p   | chr18 | 37256683 | 37256704 | - | 0 | 0  | 0   | 0   | 7   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-5584-5p   | chr1  | 45011165 | 45011186 | + | 0 | 0  | 0   | 72  | 17  | 0  | 49 | 0  | 0   | 0  | miRNA |
| hsa-miR-5586-5p   | chr14 | 60113717 | 60113738 | - | 0 | 25 | 0   | 0   | 24  | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-5588-3p   | chr3  | 1.85E+08 | 1.85E+08 | - | 0 | 0  | 0   | 0   | 3   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-5589-5p   | chr19 | 10149030 | 10149050 | + | 0 | 0  | 0   | 0   | 4   | 0  | 29 | 0  | 0   | 0  | miRNA |
| hsa-miR-5591-5p   | chr4  | 39413530 | 39413550 | + | 0 | 0  | 0   | 34  | 0   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-5680      | chr8  | 1.03E+08 | 1.03E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 6   | 0  | miRNA |
| hsa-miR-5697      | chr1  | 10027448 | 10027469 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 15  | 0  | miRNA |
| hsa-miR-5698      | chr1  | 1.54E+08 | 1.54E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 46 | 0  | 0   | 0  | miRNA |
| hsa-miR-5699-3p   | chr10 | 687639   | 687660   | - | 0 | 0  | 0   | 0   | 6   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-5699-5p   | chr10 | 687688   | 687709   | - | 0 | 16 | 0   | 0   | 0   | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-5739      | chr22 | 28855913 | 28855932 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | 1  | miRNA |
| hsa-miR-574-3p    | chr4  | 38869713 | 38869734 | + | 0 | 45 | 53  | 69  | 244 | 0  | 77 | 0  | 0   | 53 | miRNA |
| hsa-miR-5787      | chr3  | 50264870 | 50264889 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 1   | 0  | miRNA |
| hsa-miR-581       | chr5  | 53247394 | 53247414 | - | 0 | 0  | 0   | 0   | 11  | 0  | 0  | 0  | 0   | 0  | miRNA |
| hsa-miR-582-3p    | chr5  | 58999456 | 58999477 | - | 0 | 59 | 0   | 66  | 71  | 0  | 0  | 0  | 0   | 23 | miRNA |
| hsa-miR-582-5p    | chr5  | 58999492 | 58999514 | - | 0 | 0  | 21  | 0   | 61  | 0  | 36 | 43 | 0   | 38 | miRNA |
| hsa-miR-587       | chr6  | 1.07E+08 | 1.07E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | 1  | miRNA |
| hsa-miR-589-3p    | chr7  | 5535465  | 5535488  | - | 0 | 12 | 0   | 0   | 2   | 0  | 0  | 0  | 9   | 0  | miRNA |

|                  |             |          |            |   |     |     |    |     |     |     |    |     |     |       |
|------------------|-------------|----------|------------|---|-----|-----|----|-----|-----|-----|----|-----|-----|-------|
| hsa-miR-589-5p   | chr7        | 5535504  | 5535525 -  | 0 | 42  | 121 | 0  | 40  | 0   | 41  | 0  | 88  | 43  | miRNA |
| hsa-miR-590-3p   | chr7        | 73605583 | 73605603 + | 0 | 0   | 81  | 45 | 29  | 0   | 0   | 0  | 0   | 97  | miRNA |
| hsa-miR-590-5p   | chr7        | 73605543 | 73605564 + | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 14  | 0   | miRNA |
| hsa-miR-592      | chr7        | 1.27E+08 | 1.27E+08 - | 0 | 0   | 22  | 0  | 30  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-593-3p   | chr7        | 1.28E+08 | 1.28E+08 + | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-miR-597-3p   | chr8        | 9599239  | 9599261 +  | 0 | 0   | 52  | 0  | 10  | 0   | 0   | 0  | 0   | 19  | miRNA |
| hsa-miR-598-3p   | chr8        | 10892731 | 10892752 - | 0 | 104 | 599 | 0  | 239 | 154 | 130 | 0  | 129 | 240 | miRNA |
| hsa-miR-598-5p   | chr8        | 10892767 | 10892789 - | 0 | 0   | 0   | 0  | 1   | 0   | 0   | 0  | 15  | 0   | miRNA |
| hsa-miR-607      | chr10       | 98588441 | 98588461 - | 0 | 0   | 56  | 0  | 0   | 0   | 0   | 0  | 3   | 0   | miRNA |
| hsa-miR-6076     | chr14       | 50433117 | 50433137 + | 0 | 0   | 0   | 0  | 12  | 0   | 0   | 0  | 39  | 0   | miRNA |
| hsa-miR-6080     | chr17       | 62776914 | 62776932 + | 0 | 0   | 0   | 0  | 1   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6085     | chr15       | 62635310 | 62635328 + | 0 | 0   | 0   | 0  | 9   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6086     | chrX        | 13608412 | 13608431 + | 0 | 0   | 0   | 0  | 8   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-610      | chr11       | 28078377 | 28078397 + | 0 | 0   | 9   | 0  | 0   | 0   | 0   | 0  | 24  | 12  | miRNA |
| hsa-miR-6125     | chr12       | 62654199 | 62654218 + | 0 | 0   | 0   | 0  | 1   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-miR-6127     | chr1        | 22959821 | 22959839 - | 0 | 0   | 0   | 0  | 1   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6130     | chr21       | 24451676 | 24451694 + | 0 | 0   | 1   | 0  | 4   | 0   | 0   | 0  | 1   | 3   | miRNA |
| hsa-miR-616-3p   | chr12       | 57912966 | 57912987 - | 0 | 5   | 45  | 3  | 45  | 0   | 34  | 0  | 19  | 0   | miRNA |
| hsa-miR-616-5p   | chr12       | 57913006 | 57913027 - | 0 | 12  | 0   | 0  | 29  | 0   | 0   | 0  | 0   | 16  | miRNA |
| hsa-miR-618      | chr12       | 81329575 | 81329597 - | 0 | 0   | 0   | 70 | 31  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-624-3p   | chr14       | 31483875 | 31483895 - | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 29  | 0   | miRNA |
| hsa-miR-624-5p   | chr14       | 31483912 | 31483933 - | 0 | 0   | 11  | 0  | 4   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-627-3p   | chr15       | 42491791 | 42491810 - | 0 | 19  | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-627-5p   | chr15       | 42491828 | 42491849 - | 0 | 5   | 127 | 0  | 46  | 0   | 46  | 0  | 60  | 118 | miRNA |
| hsa-miR-628-3p   | chr15       | 55665152 | 55665172 - | 0 | 0   | 29  | 0  | 5   | 0   | 0   | 0  | 13  | 13  | miRNA |
| hsa-miR-628-5p   | chr15       | 55665189 | 55665210 - | 0 | 0   | 0   | 0  | 9   | 0   | 0   | 0  | 0   | 37  | miRNA |
| hsa-miR-629-3p   | chr15       | 70371726 | 70371747 - | 0 | 0   | 17  | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-636      | chr17       | 74732548 | 74732570 - | 0 | 0   | 0   | 0  | 3   | 0   | 73  | 0  | 20  | 0   | miRNA |
| hsa-miR-638      | chr19       | 10829095 | 10829119 + | 0 | 12  | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-639      | chr19       | 14640415 | 14640437 + | 0 | 0   | 0   | 0  | 7   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-641      | chr19       | 40788510 | 40788533 - | 0 | 27  | 49  | 0  | 35  | 41  | 0   | 0  | 92  | 66  | miRNA |
| hsa-miR-642a-3p  | chr19       | 46178236 | 46178257 + | 0 | 0   | 0   | 57 | 12  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-642a-5p  | chr19       | 46178201 | 46178222 + | 0 | 0   | 0   | 0  | 23  | 0   | 0   | 0  | 0   | 51  | miRNA |
| hsa-miR-642b-5p  | chr19       | 46178236 | 46178257 - | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 4   | miRNA |
| hsa-miR-643      | chr19       | 52785110 | 52785131 + | 0 | 0   | 0   | 0  | 1   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-645      | chr20       | 49202383 | 49202401 + | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 44  | miRNA |
| hsa-miR-6499-5p  | chr5        | 1.51E+08 | 1.51E+08 - | 0 | 1   | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6501-5p  | chr21       | 34922970 | 34922991 + | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 5   | 0   | miRNA |
| hsa-miR-6503-3p  | chr11       | 59976557 | 59976577 - | 0 | 0   | 27  | 0  | 8   | 0   | 0   | 48 | 0   | 0   | miRNA |
| hsa-miR-6505-3p  | chr12       | 48526630 | 48526650 + | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 30  | miRNA |
| hsa-miR-6509-5p  | chr7        | 1.35E+08 | 1.35E+08 - | 0 | 0   | 0   | 53 | 9   | 0   | 0   | 0  | 0   | 50  | miRNA |
| hsa-miR-651-5p   | chrX        | 8095021  | 8095042 +  | 0 | 57  | 369 | 0  | 138 | 0   | 42  | 0  | 183 | 71  | miRNA |
| hsa-miR-6511a-3p | chr16       | 15019837 | 15019858 + | 0 | 41  | 35  | 0  | 7   | 0   | 39  | 0  | 35  | 0   | miRNA |
| hsa-miR-6511b-3p | chr16       | 2156680  | 2156702 -  | 0 | 4   | 0   | 0  | 0   | 0   | 1   | 0  | 0   | 0   | miRNA |
| hsa-miR-6513-3p  | chr2        | 2.19E+08 | 2.19E+08 - | 0 | 0   | 24  | 0  | 46  | 1   | 8   | 0  | 0   | 0   | miRNA |
| hsa-miR-6513-5p  | chr2        | 2.19E+08 | 2.19E+08 - | 0 | 0   | 22  | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6514-5p  | chr11       | 62560221 | 62560243 - | 0 | 15  | 12  | 0  | 0   | 0   | 36  | 0  | 39  | 0   | miRNA |
| hsa-miR-6516-3p  | chr17       | 75085551 | 75085572 + | 0 | 0   | 0   | 0  | 3   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6516-5p  | chr17       | 75085510 | 75085531 + | 0 | 26  | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-652-5p   | chrX        | 1.09E+08 | 1.09E+08 + | 0 | 0   | 0   | 0  | 0   | 24  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-659-5p   | chr22       | 38243739 | 38243760 + | 0 | 0   | 0   | 0  | 5   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-660-3p   | chrX        | 49777900 | 49777920 + | 0 | 0   | 0   | 0  | 7   | 0   | 56  | 0  | 24  | 0   | miRNA |
| hsa-miR-664a-3p  | chr1        | 2.2E+08  | 2.2E+08 -  | 0 | 14  | 0   | 0  | 28  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-664a-5p  | chr1        | 2.2E+08  | 2.2E+08 -  | 0 | 36  | 140 | 54 | 44  | 1   | 4   | 0  | 44  | 112 | miRNA |
| hsa-miR-664b-5p  | chrX        | 1.54E+08 | 1.54E+08 + | 0 | 0   | 0   | 0  | 5   | 58  | 0   | 0  | 13  | 0   | miRNA |
| hsa-miR-670-5p   | chr11       | 43581225 | 43581244 + | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-miR-671-5p   | chr7        | 1.51E+08 | 1.51E+08 + | 0 | 0   | 23  | 0  | 22  | 0   | 0   | 0  | 0   | 13  | miRNA |
| hsa-miR-6716-5p  | chr11       | 1.19E+08 | 1.19E+08 + | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 18  | 0   | miRNA |
| hsa-miR-6717-5p  | chr14       | 21491514 | 21491535 - | 0 | 0   | 0   | 0  | 7   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6720-5p  | chr6        | 1390594  | 1390616 -  | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 2   | 0   | miRNA |
| hsa-miR-6721-5p  | chr6        | 32137861 | 32137883 - | 0 | 0   | 0   | 47 | 30  | 23  | 0   | 0  | 19  | 57  | miRNA |
| hsa-miR-6724-5p  | chrUn_gl000 | 104742   | 104764 +   | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 20  | 0   | miRNA |
| hsa-miR-6726-5p  | chr1        | 1231525  | 1231545 -  | 0 | 0   | 0   | 0  | 0   | 0   | 4   | 0  | 0   | 0   | miRNA |
| hsa-miR-6730-5p  | chr1        | 12639024 | 12639046 - | 0 | 0   | 0   | 0  | 1   | 0   | 0   | 0  | 37  | 0   | miRNA |
| hsa-miR-6731-5p  | chr1        | 25245881 | 25245902 - | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 15  | 0   | miRNA |
| hsa-miR-6732-3p  | chr1        | 37945868 | 37945890 + | 0 | 0   | 0   | 0  | 6   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6734-5p  | chr1        | 43830359 | 43830381 - | 0 | 0   | 84  | 0  | 22  | 24  | 99  | 0  | 0   | 1   | miRNA |
| hsa-miR-6741-3p  | chr1        | 2.26E+08 | 2.26E+08 - | 0 | 9   | 0   | 0  | 5   | 0   | 39  | 0  | 0   | 46  | miRNA |
| hsa-miR-6742-3p  | chr1        | 2.29E+08 | 2.29E+08 - | 0 | 0   | 0   | 0  | 1   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6744-5p  | chr11       | 1277840  | 1277858 +  | 0 | 23  | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6745     | chr11       | 47201166 | 47201186 - | 0 | 1   | 0   | 1  | 0   | 1   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6747-3p  | chr11       | 62334483 | 62334503 - | 0 | 0   | 0   | 0  | 21  | 0   | 0   | 0  | 44  | 0   | miRNA |
| hsa-miR-6748-3p  | chr11       | 62557337 | 62557357 + | 0 | 0   | 0   | 0  | 0   | 42  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-675-3p   | chr11       | 2017998  | 2018017 -  | 0 | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0   | 21  | miRNA |
| hsa-miR-675-5p   | chr11       | 2018030  | 2018052 -  | 0 | 0   | 13  | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6750-5p  | chr11       | 64665881 | 64665904 - | 0 | 15  | 0   | 0  | 0   | 1   | 0   | 3  | 0   | 0   | miRNA |
| hsa-miR-6751-5p  | chr11       | 64897423 | 64897445 - | 0 | 0   | 12  | 0  | 1   | 0   | 19  | 0  | 0   | 0   | miRNA |
| hsa-miR-6752-5p  | chr11       | 67257721 | 67257742 + | 0 | 0   | 1   | 0  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6753-3p  | chr11       | 67812399 | 67812420 + | 0 | 0   | 0   | 0  | 2   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6754-5p  | chr11       | 71184554 | 71184575 + | 0 | 0   | 0   | 0  | 0   | 0   | 8   | 0  | 0   | 0   | miRNA |
| hsa-miR-6755-5p  | chr11       | 85989380 | 85989401 + | 0 | 0   | 0   | 0  | 11  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6758-5p  | chr12       | 57906476 | 57906498 + | 0 | 0   | 9   | 0  | 0   | 69  | 0   | 0  | 0   | 0   | miRNA |
| hsa-miR-6761-5p  | chr12       | 1.12E+08 | 1.12E+08 + | 0 | 0   | 0   | 0  | 5   | 0   | 0   | 0  | 0   | 0   | miRNA |



|                  |       |          |            |   |    |    |    |    |    |     |   |    |    |       |
|------------------|-------|----------|------------|---|----|----|----|----|----|-----|---|----|----|-------|
| hsa-miR-6762-3p  | chr12 | 1.14E+08 | 1.14E+08 + | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 14 | 0  | miRNA |
| hsa-miR-6763-5p  | chr12 | 1.33E+08 | 1.33E+08 + | 0 | 0  | 0  | 0  | 8  | 17 | 0   | 0 | 0  | 47 | miRNA |
| hsa-miR-6764-3p  | chr14 | 1.01E+08 | 1.01E+08 + | 0 | 0  | 0  | 0  | 3  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6764-5p  | chr14 | 1.01E+08 | 1.01E+08 + | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 0  | 47 | miRNA |
| hsa-miR-6767-5p  | chr16 | 2495398  | 2495420 +  | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 13 | 0  | miRNA |
| hsa-miR-6769a-5p | chr16 | 4721324  | 4721344 +  | 0 | 0  | 20 | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6771-3p  | chr16 | 50326566 | 50326586 + | 0 | 1  | 0  | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6777-5p  | chr17 | 17716832 | 17716854 - | 0 | 0  | 0  | 0  | 5  | 14 | 6   | 0 | 22 | 0  | miRNA |
| hsa-miR-6779-5p  | chr17 | 37071237 | 37071257 + | 0 | 0  | 16 | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6780a-5p | chr17 | 40860142 | 40860164 - | 0 | 0  | 35 | 0  | 5  | 0  | 157 | 0 | 57 | 0  | miRNA |
| hsa-miR-6781-5p  | chr17 | 40975936 | 40975956 - | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 27 | 0  | miRNA |
| hsa-miR-6782-3p  | chr17 | 42285140 | 42285162 - | 0 | 0  | 1  | 0  | 0  | 0  | 0   | 1 | 0  | 0  | miRNA |
| hsa-miR-6783-3p  | chr17 | 43011986 | 43012007 - | 0 | 0  | 0  | 0  | 9  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6785-5p  | chr17 | 73494634 | 73494655 + | 0 | 0  | 14 | 0  | 0  | 0  | 29  | 1 | 27 | 0  | miRNA |
| hsa-miR-6786-5p  | chr17 | 79660839 | 79660859 + | 0 | 0  | 0  | 0  | 3  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6790-3p  | chr19 | 6392936  | 6392956 -  | 0 | 0  | 0  | 1  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6791-3p  | chr19 | 6736723  | 6736743 -  | 0 | 0  | 0  | 0  | 0  | 39 | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6793-5p  | chr19 | 10939654 | 10939675 + | 0 | 0  | 64 | 0  | 27 | 23 | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6800-5p  | chr19 | 50335279 | 50335299 + | 0 | 0  | 1  | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6802-5p  | chr19 | 55751320 | 55751339 - | 0 | 0  | 53 | 2  | 9  | 0  | 1   | 0 | 0  | 0  | miRNA |
| hsa-miR-6804-5p  | chr19 | 55742295 | 55742315 - | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 43 | 0  | miRNA |
| hsa-miR-6805-5p  | chr19 | 55899554 | 55899575 + | 0 | 13 | 23 | 0  | 2  | 0  | 0   | 0 | 27 | 29 | miRNA |
| hsa-miR-6807-3p  | chr19 | 59061721 | 59061743 + | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6808-5p  | chr1  | 1275062  | 1275083 -  | 0 | 0  | 0  | 0  | 1  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6810-5p  | chr2  | 2.19E+08 | 2.19E+08 + | 0 | 0  | 0  | 0  | 25 | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6812-5p  | chr20 | 44054155 | 44054179 + | 0 | 0  | 0  | 0  | 0  | 0  | 31  | 0 | 0  | 0  | miRNA |
| hsa-miR-6813-5p  | chr20 | 62708336 | 62708358 - | 0 | 0  | 10 | 0  | 30 | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6815-5p  | chr21 | 46898185 | 46898207 + | 0 | 0  | 1  | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6817-5p  | chr22 | 25851618 | 25851641 + | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 1  | 0  | miRNA |
| hsa-miR-6819-3p  | chr22 | 36682893 | 36682913 - | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 1 | 0  | 0  | miRNA |
| hsa-miR-6819-5p  | chr22 | 36682927 | 36682948 - | 0 | 0  | 16 | 0  | 6  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6820-3p  | chr22 | 38363610 | 38363631 + | 0 | 0  | 0  | 0  | 0  | 1  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6820-5p  | chr22 | 38363575 | 38363593 + | 0 | 0  | 0  | 0  | 7  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6823-3p  | chr3  | 48587394 | 48587414 - | 0 | 0  | 1  | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6824-5p  | chr3  | 48671105 | 48671126 - | 0 | 0  | 0  | 0  | 6  | 0  | 21  | 0 | 13 | 0  | miRNA |
| hsa-miR-6825-5p  | chr3  | 1.27E+08 | 1.27E+08 - | 0 | 0  | 6  | 0  | 0  | 0  | 0   | 0 | 4  | 0  | miRNA |
| hsa-miR-6826-5p  | chr3  | 1.29E+08 | 1.29E+08 + | 0 | 0  | 0  | 0  | 9  | 0  | 0   | 0 | 29 | 0  | miRNA |
| hsa-miR-6830-5p  | chr5  | 1.32E+08 | 1.32E+08 - | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 1  | 0  | miRNA |
| hsa-miR-6831-5p  | chr5  | 1.4E+08  | 1.4E+08 -  | 0 | 0  | 0  | 0  | 1  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6832-5p  | chr6  | 31601569 | 31601591 + | 0 | 0  | 19 | 0  | 20 | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6833-5p  | chr6  | 32147598 | 32147619 + | 0 | 0  | 87 | 0  | 10 | 0  | 0   | 0 | 17 | 0  | miRNA |
| hsa-miR-6835-5p  | chr6  | 34208455 | 34208476 + | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 8  | 0  | miRNA |
| hsa-miR-6837-3p  | chr7  | 44091406 | 44091428 + | 0 | 0  | 0  | 0  | 4  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6838-5p  | chr7  | 44113006 | 44113027 + | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 2  | 0  | miRNA |
| hsa-miR-6842-3p  | chr8  | 27290930 | 27290951 + | 0 | 7  | 53 | 0  | 6  | 46 | 0   | 0 | 14 | 74 | miRNA |
| hsa-miR-6843-3p  | chr8  | 27468118 | 27468138 - | 0 | 0  | 0  | 0  | 4  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6845-5p  | chr8  | 1.45E+08 | 1.45E+08 - | 0 | 0  | 0  | 0  | 0  | 36 | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6847-5p  | chr8  | 1.45E+08 | 1.45E+08 + | 0 | 0  | 0  | 0  | 0  | 0  | 36  | 0 | 0  | 0  | miRNA |
| hsa-miR-6849-5p  | chr8  | 1.46E+08 | 1.46E+08 - | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 0  | 30 | miRNA |
| hsa-miR-6850-5p  | chr8  | 1.46E+08 | 1.46E+08 - | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 21 | 0  | miRNA |
| hsa-miR-6852-3p  | chr9  | 35710681 | 35710697 - | 0 | 0  | 0  | 0  | 14 | 0  | 0   | 0 | 0  | 1  | miRNA |
| hsa-miR-6858-5p  | chrX  | 1.54E+08 | 1.54E+08 + | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 11 | 0  | miRNA |
| hsa-miR-6859-5p  | chr1  | 17409    | 17431 +    | 0 | 0  | 56 | 0  | 0  | 0  | 0   | 0 | 0  | 24 | miRNA |
| hsa-miR-6860     | chr11 | 66813154 | 66813175 + | 0 | 0  | 0  | 0  | 4  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6862-5p  | chr16 | 28402346 | 28402367 - | 0 | 0  | 1  | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6866-5p  | chr17 | 38318191 | 38318213 + | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 14 | 0  | miRNA |
| hsa-miR-6867-3p  | chr17 | 38349895 | 38349915 + | 0 | 0  | 1  | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6867-5p  | chr17 | 38349854 | 38349876 + | 0 | 0  | 28 | 0  | 6  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6868-3p  | chr17 | 74094100 | 74094120 - | 0 | 0  | 17 | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6872-5p  | chr3  | 50310672 | 50310691 + | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 0  | 58 | miRNA |
| hsa-miR-6873-5p  | chr6  | 33255040 | 33255061 - | 0 | 0  | 1  | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6876-5p  | chr8  | 25202923 | 25202944 + | 0 | 0  | 0  | 0  | 13 | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6879-3p  | chr11 | 64786022 | 64786042 + | 0 | 0  | 0  | 0  | 0  | 1  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6881-5p  | chr15 | 74703747 | 74703768 - | 0 | 0  | 0  | 0  | 0  | 0  | 20  | 0 | 0  | 0  | miRNA |
| hsa-miR-6882-5p  | chr15 | 75133022 | 75133043 - | 0 | 20 | 17 | 64 | 33 | 0  | 44  | 0 | 0  | 39 | miRNA |
| hsa-miR-6883-5p  | chr17 | 8048363  | 8048384 -  | 0 | 0  | 0  | 0  | 0  | 0  | 2   | 0 | 0  | 0  | miRNA |
| hsa-miR-6884-5p  | chr17 | 38182636 | 38182657 - | 0 | 0  | 57 | 0  | 0  | 0  | 0   | 0 | 22 | 0  | miRNA |
| hsa-miR-6889-5p  | chr22 | 41649027 | 41649049 - | 0 | 1  | 0  | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-6891-5p  | chr6  | 31323074 | 31323092 - | 0 | 0  | 71 | 0  | 0  | 0  | 0   | 0 | 0  | 2  | miRNA |
| hsa-miR-6894-3p  | chrX  | 53228071 | 53228091 - | 0 | 0  | 0  | 0  | 0  | 0  | 40  | 0 | 0  | 0  | miRNA |
| hsa-miR-6894-5p  | chrX  | 53228099 | 53228122 - | 0 | 0  | 44 | 0  | 0  | 0  | 1   | 0 | 16 | 0  | miRNA |
| hsa-miR-7-2-3p   | chr15 | 89155127 | 89155148 + | 0 | 1  | 0  | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-708-3p   | chr11 | 79113076 | 79113097 - | 0 | 0  | 58 | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-708-5p   | chr11 | 79113121 | 79113143 - | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 0  | 8  | miRNA |
| hsa-miR-7108-5p  | chr19 | 2434978  | 2434998 -  | 0 | 15 | 0  | 0  | 0  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-711      | chr3  | 48616347 | 48616368 - | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 23 | 0  | miRNA |
| hsa-miR-7155-5p  | chr11 | 64109358 | 64109376 - | 0 | 0  | 9  | 0  | 6  | 0  | 0   | 0 | 19 | 14 | miRNA |
| hsa-miR-7156-5p  | chr1  | 77525828 | 77525850 + | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 0  | 1  | miRNA |
| hsa-miR-7159-5p  | chr6  | 33866912 | 33866932 + | 0 | 0  | 0  | 0  | 2  | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-7161-3p  | chr6  | 1.59E+08 | 1.59E+08 + | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 1  | 0  | miRNA |
| hsa-miR-718      | chrX  | 1.53E+08 | 1.53E+08 - | 0 | 0  | 0  | 0  | 0  | 0  | 0   | 0 | 0  | 1  | miRNA |
| hsa-miR-744-3p   | chr17 | 11985283 | 11985304 + | 0 | 0  | 0  | 0  | 36 | 0  | 0   | 0 | 0  | 0  | miRNA |
| hsa-miR-758-3p   | chr14 | 1.01E+08 | 1.01E+08 + | 0 | 0  | 0  | 0  | 18 | 0  | 0   | 0 | 0  | 0  | miRNA |

|                  |       |          |          |   |   |     |     |     |     |    |     |     |     |     |       |
|------------------|-------|----------|----------|---|---|-----|-----|-----|-----|----|-----|-----|-----|-----|-------|
| hsa-miR-762      | chr16 | 30905272 | 30905293 | + | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 15  | 0   | miRNA |
| hsa-miR-766-3p   | chrX  | 1.19E+08 | 1.19E+08 | - | 0 | 0   | 0   | 0   | 19  | 0  | 0   | 0   | 17  | 0   | miRNA |
| hsa-miR-769-3p   | chr19 | 46522258 | 46522280 | + | 0 | 21  | 0   | 0   | 0   | 0  | 0   | 0   | 31  | 0   | miRNA |
| hsa-miR-7705     | chr8  | 1.02E+08 | 1.02E+08 | - | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 38  | miRNA |
| hsa-miR-7706     | chr15 | 85923870 | 85923893 | + | 0 | 37  | 32  | 0   | 32  | 0  | 75  | 0   | 0   | 0   | miRNA |
| hsa-miR-7843-5p  | chr14 | 72983539 | 72983560 | + | 0 | 1   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-7845-5p  | chr2  | 2.08E+08 | 2.08E+08 | + | 0 | 0   | 0   | 0   | 3   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-7846-3p  | chr1  | 12227067 | 12227087 | + | 0 | 1   | 0   | 0   | 4   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-7847-3p  | chr11 | 1901335  | 1901355  | + | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 2   | miRNA |
| hsa-miR-7849-3p  | chr4  | 1.47E+08 | 1.47E+08 | + | 0 | 0   | 0   | 0   | 6   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-7850-5p  | chr19 | 2630721  | 2630741  | + | 0 | 0   | 0   | 0   | 23  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-7854-3p  | chr16 | 81567547 | 81567567 | + | 0 | 0   | 0   | 0   | 29  | 15 | 0   | 0   | 1   | 0   | miRNA |
| hsa-miR-7975     | chr19 | 55634593 | 55634610 | - | 0 | 0   | 0   | 0   | 0   | 0  | 1   | 0   | 0   | 0   | miRNA |
| hsa-miR-7977     | chr3  | 1.76E+08 | 1.76E+08 | + | 0 | 11  | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-7978     | chr4  | 21466361 | 21466381 | - | 0 | 0   | 10  | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-8060     | chr3  | 96078850 | 96078873 | + | 0 | 0   | 0   | 0   | 1   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-8072     | chr12 | 1.24E+08 | 1.24E+08 | - | 0 | 1   | 0   | 0   | 0   | 0  | 46  | 0   | 25  | 0   | miRNA |
| hsa-miR-8077     | chr19 | 42855326 | 42855347 | + | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 13  | 0   | miRNA |
| hsa-miR-8080     | chr2  | 80093677 | 80093699 | - | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 16  | 0   | miRNA |
| hsa-miR-8083     | chr1  | 1.54E+08 | 1.54E+08 | - | 0 | 0   | 2   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-873-5p   | chr9  | 28888923 | 28888943 | - | 0 | 12  | 160 | 0   | 8   | 43 | 0   | 0   | 0   | 33  | miRNA |
| hsa-miR-874-3p   | chr5  | 1.37E+08 | 1.37E+08 | + | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 45  | miRNA |
| hsa-miR-876-3p   | chr9  | 28863634 | 28863655 | - | 0 | 0   | 0   | 0   | 4   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-877-3p   | chr6  | 30552174 | 30552194 | + | 0 | 0   | 0   | 0   | 2   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-885-3p   | chr3  | 10436183 | 10436204 | + | 0 | 0   | 0   | 0   | 140 | 0  | 10  | 0   | 13  | 0   | miRNA |
| hsa-miR-885-5p   | chr3  | 10436215 | 10436236 | - | 0 | 0   | 0   | 0   | 31  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-889-3p   | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0   | 0   | 154 | 71  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-892a     | chrX  | 1.45E+08 | 1.45E+08 | - | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 12  | 0   | miRNA |
| hsa-miR-92a-1-5p | chr13 | 92003578 | 92003600 | + | 0 | 0   | 32  | 0   | 24  | 0  | 0   | 0   | 19  | 127 | miRNA |
| hsa-miR-92b-5p   | chr1  | 1.55E+08 | 1.55E+08 | + | 0 | 16  | 76  | 0   | 6   | 1  | 56  | 0   | 94  | 0   | miRNA |
| hsa-miR-93-3p    | chr7  | 99691400 | 99691421 | - | 0 | 0   | 29  | 0   | 50  | 3  | 0   | 0   | 49  | 0   | miRNA |
| hsa-miR-937-3p   | chr8  | 1.45E+08 | 1.45E+08 | - | 0 | 10  | 0   | 0   | 0   | 37 | 0   | 0   | 20  | 68  | miRNA |
| hsa-miR-939-5p   | chr8  | 1.46E+08 | 1.46E+08 | - | 0 | 0   | 79  | 0   | 0   | 14 | 5   | 0   | 33  | 17  | miRNA |
| hsa-miR-940      | chr16 | 2321807  | 2321827  | + | 0 | 0   | 26  | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-942-3p   | chr1  | 1.18E+08 | 1.18E+08 | + | 0 | 0   | 0   | 0   | 1   | 0  | 0   | 0   | 1   | 0   | miRNA |
| hsa-miR-942-5p   | chr1  | 1.18E+08 | 1.18E+08 | + | 0 | 40  | 388 | 0   | 90  | 31 | 125 | 0   | 218 | 79  | miRNA |
| hsa-miR-95-3p    | chr4  | 8007039  | 8007060  | - | 0 | 0   | 27  | 0   | 27  | 0  | 0   | 0   | 17  | 46  | miRNA |
| hsa-miR-95-5p    | chr4  | 8007074  | 8007094  | - | 0 | 0   | 10  | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-9500     | chr2  | 2.2E+08  | 2.2E+08  | + | 0 | 0   | 0   | 0   | 8   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-96-5p    | chr7  | 1.29E+08 | 1.29E+08 | - | 0 | 0   | 1   | 0   | 10  | 0  | 61  | 0   | 24  | 0   | miRNA |
| hsa-miR-98-3p    | chrX  | 53583202 | 53583223 | - | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 11  | 0   | miRNA |
| hsa-miR-9903     | chr8  | 99405895 | 99405916 | - | 0 | 0   | 0   | 0   | 6   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-miR-9985     | chrY  | 4474181  | 4474199  | + | 0 | 18  | 18  | 0   | 4   | 0  | 2   | 0   | 0   | 1   | miRNA |
| hsa-miR-99a-3p   | chr21 | 17911458 | 17911479 | + | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 1   | 0   | 0   | miRNA |
| hsa-miR-99a-5p   | chr21 | 17911421 | 17911442 | + | 0 | 0   | 39  | 0   | 0   | 0  | 39  | 0   | 24  | 0   | miRNA |
| hsa-miR-99b-3p   | chr19 | 52195909 | 52195930 | + | 0 | 42  | 32  | 149 | 78  | 51 | 0   | 0   | 24  | 54  | miRNA |
| hsa-mir-100      | chr11 | 1.22E+08 | 1.22E+08 | - | 0 | 8   | 346 | 0   | 0   | 1  | 2   | 124 | 1   | 82  | miRNA |
| hsa-mir-10226    | chr17 | 46110248 | 46110317 | + | 0 | 0   | 0   | 0   | 0   | 0  | 1   | 1   | 0   | 0   | miRNA |
| hsa-mir-10393    | chr15 | 45010042 | 45010091 | + | 0 | 0   | 0   | 60  | 26  | 2  | 1   | 0   | 15  | 0   | miRNA |
| hsa-mir-10396a   | chr21 | 9826450  | 9826498  | + | 0 | 0   | 0   | 35  | 0   | 0  | 0   | 0   | 0   | 1   | miRNA |
| hsa-mir-10397    | chr5  | 10402476 | 10402543 | + | 0 | 1   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-10399    | chr7  | 1.39E+08 | 1.39E+08 | - | 0 | 32  | 68  | 8   | 169 | 40 | 72  | 69  | 28  | 52  | miRNA |
| hsa-mir-103b-1   | chr5  | 1.68E+08 | 1.68E+08 | + | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 2   | 0   | miRNA |
| hsa-mir-11400    | chr7  | 1.42E+08 | 1.42E+08 | - | 0 | 171 | 49  | 53  | 297 | 38 | 22  | 0   | 19  | 82  | miRNA |
| hsa-mir-11401    | chr16 | 87887502 | 87887570 | + | 0 | 0   | 35  | 0   | 0   | 0  | 0   | 0   | 195 | 0   | miRNA |
| hsa-mir-1179     | chr15 | 89151338 | 89151428 | - | 0 | 0   | 30  | 57  | 15  | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-1181     | chr19 | 10514134 | 10514214 | - | 0 | 31  | 2   | 7   | 103 | 49 | 39  | 0   | 4   | 49  | miRNA |
| hsa-mir-1185-1   | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 14  | 0   | 57  | 37  | 0  | 0   | 0   | 10  | 0   | miRNA |
| hsa-mir-1185-2   | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 14  | 0   | 0   | 18  | 0  | 0   | 0   | 1   | 0   | miRNA |
| hsa-mir-1199     | chr19 | 14184173 | 14184291 | + | 0 | 0   | 0   | 0   | 0   | 0  | 1   | 0   | 0   | 0   | miRNA |
| hsa-mir-1202     | chr6  | 1.56E+08 | 1.56E+08 | + | 0 | 0   | 0   | 0   | 8   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-1204     | chr8  | 1.29E+08 | 1.29E+08 | + | 0 | 1   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-1207     | chr8  | 1.29E+08 | 1.29E+08 | + | 0 | 23  | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-12114    | chr22 | 50845871 | 50845953 | + | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 24  | 0   | miRNA |
| hsa-mir-12119    | chr7  | 99006795 | 99006887 | + | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 2   | 2   | miRNA |
| hsa-mir-12120    | chrY  | 15591057 | 15591146 | + | 0 | 0   | 0   | 0   | 0   | 56 | 22  | 0   | 0   | 0   | miRNA |
| hsa-mir-12121    | chr14 | 1.05E+08 | 1.05E+08 | + | 0 | 0   | 0   | 0   | 0   | 0  | 1   | 0   | 0   | 0   | miRNA |
| hsa-mir-12124    | chr3  | 1.29E+08 | 1.29E+08 | + | 0 | 0   | 0   | 0   | 5   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-12125    | chr5  | 1.68E+08 | 1.68E+08 | + | 0 | 1   | 1   | 1   | 0   | 0  | 1   | 0   | 0   | 1   | miRNA |
| hsa-mir-12126    | chr9  | 1.33E+08 | 1.33E+08 | + | 0 | 2   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-12135    | chr15 | 73592251 | 73592320 | + | 0 | 0   | 0   | 0   | 6   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-1224     | chr3  | 1.84E+08 | 1.84E+08 | + | 0 | 24  | 102 | 0   | 9   | 0  | 37  | 0   | 43  | 0   | miRNA |
| hsa-mir-1226     | chr3  | 47891045 | 47891119 | + | 0 | 0   | 1   | 0   | 6   | 0  | 0   | 0   | 21  | 0   | miRNA |
| hsa-mir-1229     | chr5  | 1.79E+08 | 1.79E+08 | - | 0 | 0   | 0   | 0   | 12  | 0  | 0   | 1   | 0   | 0   | miRNA |
| hsa-mir-122b     | chr18 | 56118312 | 56118384 | - | 0 | 0   | 1   | 0   | 0   | 0  | 0   | 0   | 0   | 1   | miRNA |
| hsa-mir-1236     | chr6  | 31924616 | 31924717 | - | 0 | 0   | 0   | 0   | 0   | 0  | 22  | 0   | 40  | 0   | miRNA |
| hsa-mir-1237     | chr11 | 64136074 | 64136175 | + | 0 | 1   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-124-1    | chr8  | 9760898  | 9760982  | - | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 3   | miRNA |
| hsa-mir-124-2    | chr8  | 65291706 | 65291814 | + | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 3   | miRNA |
| hsa-mir-124-3    | chr20 | 61809852 | 61809938 | + | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 0   | 3   | miRNA |
| hsa-mir-1245b    | chr2  | 1.9E+08  | 1.9E+08  | - | 0 | 0   | 0   | 0   | 1   | 0  | 0   | 0   | 0   | 0   | miRNA |
| hsa-mir-1247     | chr14 | 1.02E+08 | 1.02E+08 | - | 0 | 0   | 0   | 0   | 0   | 0  | 0   | 0   | 18  | 0   | miRNA |
| hsa-mir-1248     | chr3  | 1.87E+08 | 1.87E+08 | + | 0 | 0   | 0   | 0   | 10  | 35 | 0   | 0   | 0   | 0   | miRNA |

|                |       |          |          |   |   |     |     |     |     |     |     |     |     |       |       |
|----------------|-------|----------|----------|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| hsa-mir-1250   | chr17 | 79106996 | 79107108 | - | 0 | 13  | 0   | 0   | 6   | 0   | 0   | 0   | 1   | miRNA |       |
| hsa-mir-1255a  | chr4  | 1.02E+08 | 1.02E+08 | - | 0 | 1   | 44  | 0   | 0   | 0   | 1   | 0   | 0   | miRNA |       |
| hsa-mir-1258   | chr2  | 1.81E+08 | 1.81E+08 | - | 0 | 0   | 0   | 0   | 7   | 0   | 0   | 0   | 0   | miRNA |       |
| hsa-mir-125b-2 | chr21 | 17962557 | 17962645 | + | 0 | 40  | 188 | 0   | 10  | 14  | 0   | 118 | 0   | 0     | miRNA |
| hsa-mir-1260b  | chr11 | 96074602 | 96074690 | + | 0 | 7   | 0   | 0   | 172 | 1   | 0   | 0   | 1   | 6     | miRNA |
| hsa-mir-1262   | chr1  | 68649201 | 68649293 | - | 0 | 20  | 0   | 0   | 13  | 0   | 0   | 0   | 7   | 0     | miRNA |
| hsa-mir-1268a  | chr15 | 22513229 | 22513280 | - | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0     | miRNA |
| hsa-mir-1268b  | chr17 | 78072627 | 78072676 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0     | miRNA |
| hsa-mir-1272   | chr15 | 65054586 | 65054714 | - | 0 | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 0   | 0     | miRNA |
| hsa-mir-1273c  | chr6  | 1.55E+08 | 1.55E+08 | + | 0 | 0   | 5   | 0   | 1   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-1275   | chr6  | 33967749 | 33967828 | - | 0 | 0   | 31  | 2   | 16  | 26  | 24  | 0   | 0   | 0     | miRNA |
| hsa-mir-1277   | chrX  | 1.18E+08 | 1.18E+08 | + | 0 | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-1285-1 | chr7  | 91833329 | 91833412 | - | 0 | 23  | 157 | 0   | 0   | 0   | 0   | 0   | 91  | 0     | miRNA |
| hsa-mir-1285-2 | chr2  | 70480050 | 70480137 | - | 0 | 23  | 143 | 0   | 0   | 0   | 0   | 0   | 91  | 0     | miRNA |
| hsa-mir-1288   | chr17 | 16185328 | 16185402 | + | 0 | 18  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-129-1  | chr7  | 1.28E+08 | 1.28E+08 | + | 0 | 0   | 1   | 0   | 9   | 0   | 2   | 0   | 0   | 0     | miRNA |
| hsa-mir-129-2  | chr11 | 43602944 | 43603033 | + | 0 | 0   | 1   | 0   | 8   | 42  | 2   | 0   | 0   | 0     | miRNA |
| hsa-mir-1295a  | chr1  | 1.71E+08 | 1.71E+08 | - | 0 | 0   | 0   | 0   | 14  | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-1295b  | chr1  | 1.71E+08 | 1.71E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0     | miRNA |
| hsa-mir-1296   | chr10 | 65132717 | 65132808 | - | 0 | 0   | 0   | 0   | 6   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-1299   | chr9  | 69002239 | 69002321 | - | 0 | 0   | 240 | 0   | 0   | 0   | 153 | 0   | 61  | 0     | miRNA |
| hsa-mir-1301   | chr2  | 25551509 | 25551590 | - | 0 | 0   | 88  | 0   | 12  | 0   | 41  | 0   | 4   | 20    | miRNA |
| hsa-mir-1303   | chr5  | 1.54E+08 | 1.54E+08 | + | 0 | 0   | 26  | 0   | 5   | 24  | 16  | 0   | 27  | 14    | miRNA |
| hsa-mir-1304   | chr11 | 93466840 | 93466930 | - | 0 | 49  | 118 | 138 | 166 | 0   | 0   | 0   | 77  | 111   | miRNA |
| hsa-mir-1306   | chr22 | 20073581 | 20073665 | + | 0 | 20  | 22  | 0   | 53  | 0   | 0   | 0   | 57  | 70    | miRNA |
| hsa-mir-132    | chr17 | 1953202  | 1953302  | - | 0 | 53  | 180 | 35  | 115 | 25  | 31  | 3   | 97  | 60    | miRNA |
| hsa-mir-1321   | chrX  | 85090785 | 85090863 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 0   | 0     | miRNA |
| hsa-mir-133a-1 | chr18 | 19405659 | 19405746 | - | 0 | 36  | 63  | 1   | 59  | 89  | 0   | 0   | 46  | 103   | miRNA |
| hsa-mir-133a-2 | chr20 | 61162119 | 61162220 | + | 0 | 36  | 63  | 0   | 59  | 89  | 0   | 0   | 46  | 103   | miRNA |
| hsa-mir-133b   | chr6  | 52013721 | 52013839 | + | 0 | 0   | 0   | 0   | 0   | 2   | 0   | 0   | 2   | 4     | miRNA |
| hsa-mir-135b   | chr1  | 2.05E+08 | 2.05E+08 | - | 0 | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-136    | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 24  | 10  | 93  | 38  | 0   | 0   | 0   | 0   | 29    | miRNA |
| hsa-mir-137    | chr1  | 98511626 | 98511727 | - | 0 | 0   | 0   | 0   | 9   | 0   | 0   | 1   | 0   | 0     | miRNA |
| hsa-mir-138-1  | chr3  | 44155704 | 44155802 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 3   | 0     | miRNA |
| hsa-mir-138-2  | chr16 | 56892430 | 56892513 | + | 0 | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-139    | chr11 | 72326107 | 72326174 | - | 0 | 70  | 67  | 41  | 348 | 92  | 57  | 0   | 12  | 196   | miRNA |
| hsa-mir-141    | chr12 | 7073260  | 7073354  | + | 0 | 0   | 119 | 0   | 10  | 0   | 0   | 38  | 0   | 0     | miRNA |
| hsa-mir-145    | chr5  | 1.49E+08 | 1.49E+08 | + | 0 | 0   | 308 | 0   | 15  | 29  | 70  | 0   | 34  | 23    | miRNA |
| hsa-mir-1469   | chr15 | 96876490 | 96876536 | + | 0 | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-147b   | chr15 | 45725248 | 45725327 | + | 0 | 0   | 32  | 0   | 6   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-149    | chr2  | 2.41E+08 | 2.41E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0     | miRNA |
| hsa-mir-153-1  | chr2  | 2.2E+08  | 2.2E+08  | - | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 23    | miRNA |
| hsa-mir-153-2  | chr7  | 1.57E+08 | 1.57E+08 | - | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 23    | miRNA |
| hsa-mir-1538   | chr16 | 69599711 | 69599771 | - | 0 | 4   | 5   | 0   | 5   | 0   | 0   | 0   | 25  | 1     | miRNA |
| hsa-mir-1539   | chr18 | 47013743 | 47013792 | + | 0 | 0   | 0   | 0   | 1   | 0   | 1   | 0   | 0   | 0     | miRNA |
| hsa-mir-154    | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0   | 9   | 75  | 46  | 0   | 0   | 0   | 26  | 0     | miRNA |
| hsa-mir-184    | chr15 | 79502130 | 79502213 | + | 0 | 1   | 0   | 0   | 7   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-188    | chrX  | 49768109 | 49768194 | + | 0 | 0   | 33  | 0   | 11  | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-18a    | chr13 | 92003005 | 92003075 | + | 0 | 268 | 527 | 23  | 428 | 77  | 208 | 0   | 599 | 392   | miRNA |
| hsa-mir-18b    | chrX  | 1.33E+08 | 1.33E+08 | - | 0 | 92  | 380 | 0   | 54  | 1   | 122 | 0   | 362 | 164   | miRNA |
| hsa-mir-190a   | chr15 | 63116156 | 63116240 | + | 0 | 61  | 0   | 0   | 13  | 0   | 21  | 0   | 19  | 15    | miRNA |
| hsa-mir-1910   | chr16 | 85775227 | 85775306 | - | 0 | 0   | 25  | 0   | 0   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-193b   | chr16 | 14397824 | 14397906 | + | 0 | 0   | 196 | 32  | 54  | 12  | 41  | 0   | 0   | 36    | miRNA |
| hsa-mir-194-1  | chr1  | 2.2E+08  | 2.2E+08  | - | 0 | 20  | 165 | 17  | 98  | 0   | 0   | 0   | 18  | 0     | miRNA |
| hsa-mir-194-2  | chr11 | 64658827 | 64658911 | - | 0 | 45  | 195 | 17  | 126 | 0   | 1   | 0   | 18  | 40    | miRNA |
| hsa-mir-195    | chr17 | 6920934  | 6921020  | - | 0 | 59  | 58  | 0   | 7   | 2   | 2   | 46  | 9   | 4     | miRNA |
| hsa-mir-196a-1 | chr17 | 46709852 | 46709921 | - | 0 | 0   | 55  | 0   | 25  | 0   | 38  | 0   | 0   | 0     | miRNA |
| hsa-mir-196a-2 | chr12 | 54385522 | 54385631 | + | 0 | 24  | 55  | 0   | 37  | 0   | 73  | 0   | 0   | 0     | miRNA |
| hsa-mir-196b   | chr7  | 27209099 | 27209182 | - | 0 | 101 | 792 | 59  | 207 | 49  | 99  | 0   | 190 | 274   | miRNA |
| hsa-mir-197    | chr1  | 1.1E+08  | 1.1E+08  | + | 0 | 35  | 133 | 0   | 142 | 21  | 101 | 0   | 71  | 176   | miRNA |
| hsa-mir-1972-1 | chr16 | 15104178 | 15104254 | - | 0 | 8   | 0   | 0   | 44  | 30  | 0   | 0   | 0   | 1     | miRNA |
| hsa-mir-1972-2 | chr16 | 70064249 | 70064325 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1     | miRNA |
| hsa-mir-200b   | chr1  | 1102484  | 1102578  | + | 0 | 22  | 38  | 64  | 23  | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-200c   | chr12 | 7072862  | 7072929  | + | 0 | 43  | 58  | 99  | 218 | 122 | 59  | 0   | 14  | 66    | miRNA |
| hsa-mir-202    | chr10 | 1.35E+08 | 1.35E+08 | - | 0 | 0   | 0   | 0   | 0   | 3   | 0   | 0   | 7   | 0     | miRNA |
| hsa-mir-205    | chr1  | 2.1E+08  | 2.1E+08  | + | 0 | 19  | 129 | 61  | 23  | 0   | 38  | 1   | 28  | 62    | miRNA |
| hsa-mir-208b   | chr14 | 23887196 | 23887272 | - | 0 | 0   | 159 | 0   | 0   | 0   | 47  | 0   | 0   | 0     | miRNA |
| hsa-mir-2110   | chr10 | 1.16E+08 | 1.16E+08 | - | 0 | 22  | 106 | 81  | 77  | 26  | 68  | 0   | 91  | 44    | miRNA |
| hsa-mir-2116   | chr15 | 59463382 | 59463461 | - | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 19    | miRNA |
| hsa-mir-214    | chr1  | 1.72E+08 | 1.72E+08 | - | 0 | 0   | 23  | 0   | 8   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-215    | chr1  | 2.2E+08  | 2.2E+08  | - | 0 | 2   | 68  | 5   | 18  | 46  | 10  | 2   | 5   | 6     | miRNA |
| hsa-mir-216b   | chr2  | 56227849 | 56227930 | - | 0 | 1   | 18  | 1   | 0   | 1   | 18  | 2   | 0   | 2     | miRNA |
| hsa-mir-217    | chr2  | 56210102 | 56210211 | - | 0 | 0   | 57  | 0   | 0   | 0   | 0   | 44  | 0   | 60    | miRNA |
| hsa-mir-219a-1 | chr6  | 33175612 | 33175721 | + | 0 | 0   | 0   | 0   | 18  | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-219b   | chr9  | 1.31E+08 | 1.31E+08 | + | 0 | 1   | 0   | 0   | 4   | 1   | 15  | 1   | 0   | 0     | miRNA |
| hsa-mir-224    | chrX  | 1.51E+08 | 1.51E+08 | - | 0 | 0   | 15  | 0   | 31  | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-2276   | chr13 | 24736555 | 24736643 | + | 0 | 0   | 0   | 0   | 0   | 0   | 49  | 0   | 0   | 0     | miRNA |
| hsa-mir-2277   | chr5  | 92956402 | 92956494 | - | 0 | 10  | 62  | 0   | 6   | 0   | 0   | 0   | 0   | 24    | miRNA |
| hsa-mir-2355   | chr2  | 2.08E+08 | 2.08E+08 | - | 0 | 0   | 0   | 0   | 26  | 0   | 0   | 0   | 15  | 0     | miRNA |
| hsa-mir-2392   | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 1     | miRNA |
| hsa-mir-2467   | chr2  | 2.4E+08  | 2.4E+08  | - | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 95  | 0   | 0     | miRNA |
| hsa-mir-2682   | chr1  | 98510798 | 98510907 | - | 0 | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 0   | 0     | miRNA |
| hsa-mir-299    | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0   | 0   | 0   | 28  | 0   | 0   | 0   | 22  | 0     | miRNA |

|                |       |          |            |   |    |      |     |     |    |     |    |     |     |       |
|----------------|-------|----------|------------|---|----|------|-----|-----|----|-----|----|-----|-----|-------|
| hsa-mir-29b-1  | chr7  | 1.31E+08 | 1.31E+08 - | 0 | 0  | 21   | 2   | 22  | 0  | 40  | 0  | 17  | 19  | miRNA |
| hsa-mir-301b   | chr22 | 22007270 | 22007347 + | 0 | 0  | 0    | 0   | 10  | 59 | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-302e   | chr11 | 7255997  | 7256068 +  | 0 | 0  | 0    | 0   | 0   | 28 | 0   | 0  | 24  | 130 | miRNA |
| hsa-mir-3064   | chr17 | 62496892 | 62496957 - | 0 | 0  | 0    | 0   | 0   | 0  | 0   | 0  | 30  | 0   | miRNA |
| hsa-mir-3065   | chr17 | 79099677 | 79099755 + | 0 | 0  | 23   | 0   | 10  | 58 | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3074   | chr9  | 97848296 | 97848376 - | 0 | 0  | 0    | 0   | 8   | 2  | 0   | 0  | 13  | 37  | miRNA |
| hsa-mir-3085   | chr10 | 99635570 | 99635654 - | 0 | 1  | 0    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-31     | chr9  | 21512114 | 21512184 - | 0 | 26 | 25   | 0   | 37  | 25 | 0   | 0  | 3   | 78  | miRNA |
| hsa-mir-3115   | chr1  | 23370798 | 23370865 + | 0 | 0  | 0    | 0   | 24  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3117   | chr1  | 67094123 | 67094200 + | 0 | 0  | 0    | 0   | 6   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3120   | chr1  | 1.72E+08 | 1.72E+08 + | 0 | 50 | 57   | 0   | 117 | 0  | 0   | 0  | 0   | 15  | miRNA |
| hsa-mir-3122   | chr1  | 2.12E+08 | 2.12E+08 + | 0 | 0  | 0    | 0   | 0   | 0  | 0   | 0  | 6   | 0   | miRNA |
| hsa-mir-3127   | chr2  | 97464015 | 97464090 + | 0 | 0  | 95   | 0   | 7   | 0  | 0   | 0  | 95  | 0   | miRNA |
| hsa-mir-3128   | chr2  | 1.78E+08 | 1.78E+08 - | 0 | 0  | 21   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3129   | chr2  | 1.9E+08  | 1.9E+08 -  | 0 | 0  | 0    | 0   | 0   | 0  | 37  | 0  | 0   | 0   | miRNA |
| hsa-mir-3130-1 | chr2  | 2.08E+08 | 2.08E+08 - | 0 | 0  | 14   | 0   | 1   | 0  | 0   | 0  | 74  | 42  | miRNA |
| hsa-mir-3130-2 | chr2  | 2.08E+08 | 2.08E+08 + | 0 | 0  | 14   | 0   | 5   | 0  | 0   | 0  | 74  | 42  | miRNA |
| hsa-mir-3131   | chr2  | 2.2E+08  | 2.2E+08 -  | 0 | 0  | 38   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3135a  | chr3  | 20179057 | 20179133 + | 0 | 0  | 33   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3135b  | chr6  | 32717689 | 32717756 - | 0 | 1  | 0    | 0   | 0   | 0  | 0   | 1  | 0   | 1   | miRNA |
| hsa-mir-3136   | chr3  | 69098109 | 69098186 - | 0 | 0  | 36   | 0   | 6   | 0  | 0   | 0  | 21  | 0   | miRNA |
| hsa-mir-3139   | chr4  | 1.44E+08 | 1.44E+08 + | 0 | 0  | 0    | 0   | 0   | 0  | 29  | 0  | 0   | 0   | miRNA |
| hsa-mir-3143   | chr6  | 27115405 | 27115467 + | 0 | 20 | 96   | 0   | 0   | 0  | 1   | 24 | 93  | 0   | miRNA |
| hsa-mir-3146   | chr7  | 19744981 | 19745059 - | 0 | 0  | 0    | 0   | 11  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3147   | chr7  | 57472731 | 57472796 + | 0 | 26 | 0    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3150a  | chr8  | 96085142 | 96085221 + | 0 | 0  | 0    | 0   | 14  | 0  | 0   | 0  | 17  | 0   | miRNA |
| hsa-mir-3150b  | chr8  | 96085139 | 96085224 - | 0 | 0  | 34   | 0   | 5   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3153   | chr9  | 91927140 | 91927221 + | 0 | 0  | 0    | 0   | 0   | 0  | 0   | 0  | 9   | 1   | miRNA |
| hsa-mir-3154   | chr9  | 1.31E+08 | 1.31E+08 - | 0 | 0  | 64   | 0   | 8   | 0  | 0   | 0  | 0   | 94  | miRNA |
| hsa-mir-3155a  | chr10 | 6194159  | 6194240 +  | 0 | 0  | 18   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3157   | chr10 | 97824072 | 97824156 - | 0 | 0  | 12   | 0   | 11  | 0  | 0   | 0  | 12  | 0   | miRNA |
| hsa-mir-3158-1 | chr10 | 1.03E+08 | 1.03E+08 + | 0 | 0  | 128  | 0   | 19  | 0  | 0   | 0  | 19  | 122 | miRNA |
| hsa-mir-3158-2 | chr10 | 1.03E+08 | 1.03E+08 - | 0 | 0  | 128  | 0   | 19  | 0  | 0   | 0  | 19  | 122 | miRNA |
| hsa-mir-3160-1 | chr11 | 46473355 | 46473439 + | 0 | 0  | 0    | 0   | 11  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3160-2 | chr11 | 46473357 | 46473437 + | 0 | 0  | 0    | 0   | 11  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3164   | chr11 | 68850644 | 68850726 + | 0 | 0  | 71   | 0   | 12  | 0  | 0   | 0  | 30  | 0   | miRNA |
| hsa-mir-3165   | chr11 | 71783274 | 71783348 - | 0 | 0  | 0    | 0   | 9   | 0  | 0   | 0  | 19  | 0   | miRNA |
| hsa-mir-3170   | chr13 | 98860778 | 98860854 + | 0 | 0  | 0    | 0   | 0   | 0  | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-3173   | chr14 | 95604256 | 95604323 - | 0 | 0  | 53   | 0   | 24  | 0  | 1   | 0  | 25  | 0   | miRNA |
| hsa-mir-3174   | chr15 | 90549987 | 90550073 + | 0 | 0  | 0    | 0   | 22  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3175   | chr15 | 93447629 | 93447705 + | 0 | 0  | 0    | 0   | 0   | 0  | 1   | 0  | 0   | 0   | miRNA |
| hsa-mir-3176   | chr16 | 593277   | 593366 +   | 0 | 0  | 0    | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3178   | chr16 | 2581923  | 2582006 -  | 0 | 1  | 1    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3179-1 | chr16 | 14995365 | 14995448 + | 0 | 0  | 0    | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3179-2 | chr16 | 16394016 | 16394099 + | 0 | 0  | 0    | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3179-3 | chr16 | 18505751 | 18505834 - | 0 | 0  | 0    | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3179-4 | chr16 | 14995365 | 14995448 + | 0 | 0  | 0    | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3182   | chr16 | 83541951 | 83542013 + | 0 | 0  | 0    | 1   | 3   | 1  | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-3185   | chr17 | 46801770 | 46801837 - | 0 | 1  | 0    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3186   | chr17 | 79418130 | 79418214 - | 0 | 0  | 0    | 0   | 8   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3187   | chr19 | 813584   | 813653 +   | 0 | 0  | 35   | 0   | 8   | 0  | 0   | 0  | 49  | 0   | miRNA |
| hsa-mir-3190   | chr19 | 47730199 | 47730278 + | 0 | 1  | 0    | 0   | 11  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3191   | chr19 | 47730201 | 47730276 - | 0 | 6  | 0    | 0   | 0   | 7  | 5   | 0  | 21  | 0   | miRNA |
| hsa-mir-3192   | chr20 | 18451259 | 18451335 + | 0 | 20 | 16   | 0   | 26  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3193   | chr20 | 30194989 | 30195043 + | 0 | 0  | 0    | 0   | 0   | 1  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3194   | chr20 | 50069442 | 50069514 - | 0 | 0  | 0    | 0   | 0   | 0  | 0   | 0  | 11  | 0   | miRNA |
| hsa-mir-3197   | chr21 | 42539484 | 42539556 + | 0 | 0  | 0    | 0   | 0   | 0  | 1   | 0  | 0   | 0   | miRNA |
| hsa-mir-3198-1 | chr22 | 18246946 | 18247025 - | 0 | 0  | 0    | 1   | 15  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3198-2 | chr12 | 54625181 | 54625260 - | 0 | 0  | 0    | 0   | 15  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3199-2 | chr22 | 28316514 | 28316599 + | 0 | 0  | 19   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-32     | chr9  | 1.12E+08 | 1.12E+08 - | 0 | 71 | 586  | 0   | 65  | 0  | 129 | 0  | 132 | 187 | miRNA |
| hsa-mir-3200   | chr22 | 31127544 | 31127628 + | 0 | 0  | 47   | 1   | 23  | 0  | 166 | 0  | 123 | 0   | miRNA |
| hsa-mir-3202-1 | chrX  | 1.53E+08 | 1.53E+08 + | 0 | 0  | 0    | 16  | 0   | 2  | 23  | 0  | 0   | 0   | miRNA |
| hsa-mir-3202-2 | chrX  | 1.53E+08 | 1.53E+08 - | 0 | 0  | 0    | 16  | 0   | 0  | 23  | 0  | 0   | 0   | miRNA |
| hsa-mir-323b   | chr14 | 1.02E+08 | 1.02E+08 + | 0 | 88 | 74   | 218 | 314 | 35 | 0   | 0  | 41  | 0   | miRNA |
| hsa-mir-326    | chr11 | 75046136 | 75046230 - | 0 | 0  | 0    | 0   | 55  | 0  | 32  | 0  | 0   | 43  | miRNA |
| hsa-mir-329-1  | chr14 | 1.01E+08 | 1.01E+08 + | 0 | 0  | 0    | 61  | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-329-2  | chr14 | 1.01E+08 | 1.01E+08 + | 0 | 0  | 0    | 61  | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-330    | chr19 | 46142252 | 46142345 - | 0 | 51 | 83   | 0   | 121 | 45 | 0   | 0  | 0   | 76  | miRNA |
| hsa-mir-331    | chr12 | 95702196 | 95702289 + | 0 | 0  | 40   | 0   | 8   | 32 | 0   | 0  | 31  | 0   | miRNA |
| hsa-mir-337    | chr14 | 1.01E+08 | 1.01E+08 + | 0 | 0  | 0    | 61  | 25  | 41 | 0   | 0  | 0   | 1   | miRNA |
| hsa-mir-346    | chr10 | 88024451 | 88024545 - | 0 | 1  | 0    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-34c    | chr11 | 1.11E+08 | 1.11E+08 + | 0 | 73 | 73   | 55  | 23  | 0  | 0   | 10 | 34  | 0   | miRNA |
| hsa-mir-3610   | chr8  | 1.18E+08 | 1.18E+08 - | 0 | 19 | 0    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3613   | chr13 | 50570551 | 50570637 - | 0 | 0  | 0    | 0   | 0   | 0  | 16  | 0  | 0   | 0   | miRNA |
| hsa-mir-3614   | chr17 | 54968631 | 54968716 - | 0 | 0  | 0    | 0   | 19  | 0  | 0   | 0  | 0   | 131 | miRNA |
| hsa-mir-3618   | chr22 | 20073269 | 20073356 + | 0 | 0  | 0    | 0   | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-3619   | chr22 | 46486924 | 46487006 + | 0 | 0  | 0    | 0   | 0   | 0  | 44  | 0  | 0   | 0   | miRNA |
| hsa-mir-362    | chrX  | 49773572 | 49773636 + | 0 | 0  | 23   | 0   | 9   | 0  | 30  | 0  | 3   | 61  | miRNA |
| hsa-mir-3621   | chr9  | 1.4E+08  | 1.4E+08 -  | 0 | 4  | 0    | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-363    | chrX  | 1.33E+08 | 1.33E+08 - | 0 | 9  | 1070 | 0   | 114 | 0  | 440 | 47 | 773 | 189 | miRNA |
| hsa-mir-3649   | chr12 | 1769481  | 1769546 -  | 0 | 0  | 0    | 0   | 0   | 0  | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-3652   | chr12 | 1.04E+08 | 1.04E+08 + | 0 | 0  | 0    | 1   | 13  | 34 | 0   | 0  | 0   | 0   | miRNA |

|                 |       |          |          |   |   |    |     |     |     |     |    |    |    |     |       |
|-----------------|-------|----------|----------|---|---|----|-----|-----|-----|-----|----|----|----|-----|-------|
| hsa-mir-365a    | chr16 | 14403142 | 14403228 | + | 0 | 0  | 10  | 0   | 12  | 30  | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-365b    | chr17 | 29902430 | 29902540 | + | 0 | 0  | 0   | 0   | 22  | 0   | 0  | 40 | 0  | 0   | miRNA |
| hsa-mir-3661    | chr5  | 1.34E+08 | 1.34E+08 | + | 0 | 0  | 0   | 0   | 0   | 0   | 0  | 1  | 0  | 0   | miRNA |
| hsa-mir-3663    | chr10 | 1.19E+08 | 1.19E+08 | - | 0 | 0  | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 0   | miRNA |
| hsa-mir-3667    | chr22 | 49937041 | 49937114 | - | 0 | 0  | 0   | 0   | 2   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3674    | chr8  | 1749291  | 1749358  | + | 0 | 0  | 0   | 1   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3675    | chr1  | 17185444 | 17185516 | - | 0 | 0  | 1   | 47  | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3679    | chr2  | 1.35E+08 | 1.35E+08 | + | 0 | 0  | 309 | 0   | 50  | 20  | 0  | 0  | 0  | 37  | miRNA |
| hsa-mir-3680-1  | chr16 | 21517370 | 21517456 | - | 0 | 0  | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3680-2  | chr16 | 29610500 | 29610586 | - | 0 | 0  | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3682    | chr2  | 54076259 | 54076342 | - | 0 | 0  | 120 | 0   | 25  | 0   | 39 | 0  | 71 | 0   | miRNA |
| hsa-mir-3688-1  | chr4  | 1.6E+08  | 1.6E+08  | - | 0 | 51 | 133 | 0   | 30  | 0   | 0  | 0  | 40 | 54  | miRNA |
| hsa-mir-3688-2  | chr4  | 1.6E+08  | 1.6E+08  | + | 0 | 51 | 133 | 0   | 30  | 0   | 0  | 0  | 40 | 55  | miRNA |
| hsa-mir-369     | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 15 | 165 | 67  | 177 | 0   | 36 | 1  | 0  | 1   | miRNA |
| hsa-mir-3690-1  | chrX  | 1412811  | 1412885  | + | 0 | 0  | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3690-2  | chrY  | 1362811  | 1362885  | + | 0 | 0  | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-371a    | chr19 | 54290929 | 54290995 | + | 0 | 0  | 0   | 0   | 4   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-371b    | chr19 | 54290931 | 54290996 | - | 0 | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 0   | miRNA |
| hsa-mir-372     | chr19 | 54291144 | 54291210 | + | 0 | 0  | 0   | 0   | 5   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-373     | chr19 | 54291959 | 54292027 | + | 0 | 0  | 38  | 0   | 0   | 1   | 0  | 68 | 0  | 0   | miRNA |
| hsa-mir-374b    | chrX  | 73438382 | 73438453 | - | 0 | 69 | 43  | 0   | 142 | 37  | 41 | 0  | 7  | 0   | miRNA |
| hsa-mir-374c    | chrX  | 73438384 | 73438453 | + | 0 | 0  | 1   | 0   | 1   | 0   | 1  | 0  | 0  | 0   | miRNA |
| hsa-mir-376a-1  | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 16 | 0   | 0   | 34  | 36  | 0  | 0  | 0  | 73  | miRNA |
| hsa-mir-376a-2  | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 16 | 0   | 0   | 34  | 36  | 0  | 0  | 0  | 73  | miRNA |
| hsa-mir-376c    | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 11  | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-378f    | chr1  | 24255560 | 24255637 | + | 0 | 1  | 4   | 1   | 7   | 0   | 0  | 0  | 2  | 2   | miRNA |
| hsa-mir-380     | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 0   | 0   | 0   | 19  | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-381     | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 45 | 24  | 110 | 291 | 99  | 0  | 86 | 15 | 104 | miRNA |
| hsa-mir-3911    | chr9  | 1.3E+08  | 1.3E+08  | - | 0 | 0  | 72  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3912    | chr5  | 1.71E+08 | 1.71E+08 | - | 0 | 0  | 55  | 0   | 0   | 0   | 0  | 0  | 0  | 48  | miRNA |
| hsa-mir-3913-1  | chr12 | 69978502 | 69978603 | - | 0 | 0  | 0   | 0   | 0   | 22  | 0  | 0  | 28 | 34  | miRNA |
| hsa-mir-3913-2  | chr12 | 69978503 | 69978602 | + | 0 | 0  | 0   | 0   | 0   | 22  | 0  | 0  | 28 | 0   | miRNA |
| hsa-mir-3914-1  | chr7  | 70772658 | 70772756 | - | 0 | 0  | 2   | 0   | 0   | 0   | 0  | 1  | 0  | 0   | miRNA |
| hsa-mir-3914-2  | chr7  | 70772660 | 70772754 | + | 0 | 0  | 0   | 0   | 0   | 1   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3917    | chr1  | 26232853 | 26232945 | - | 0 | 0  | 0   | 0   | 1   | 0   | 2  | 0  | 0  | 0   | miRNA |
| hsa-mir-3918    | chr6  | 1.59E+08 | 1.59E+08 | - | 0 | 0  | 0   | 0   | 3   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3919    | chr3  | 1.59E+08 | 1.59E+08 | + | 0 | 0  | 0   | 0   | 1   | 0   | 0  | 0  | 1  | 0   | miRNA |
| hsa-mir-3921    | chr3  | 99683158 | 99683242 | - | 0 | 0  | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3922    | chr12 | 1.05E+08 | 1.05E+08 | + | 0 | 0  | 22  | 0   | 22  | 37  | 28 | 0  | 0  | 93  | miRNA |
| hsa-mir-3923    | chr3  | 79557037 | 79557119 | + | 0 | 1  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3925    | chr6  | 36590213 | 36590289 | - | 0 | 0  | 11  | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3928    | chr22 | 31556048 | 31556105 | - | 0 | 0  | 59  | 0   | 38  | 6   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3934    | chr6  | 33665905 | 33666011 | + | 0 | 0  | 11  | 0   | 0   | 0   | 0  | 0  | 18 | 0   | miRNA |
| hsa-mir-3935    | chr16 | 56279432 | 56279535 | + | 0 | 0  | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3936    | chr5  | 1.32E+08 | 1.32E+08 | - | 0 | 0  | 0   | 0   | 7   | 0   | 0  | 0  | 23 | 0   | miRNA |
| hsa-mir-3937    | chrX  | 39520470 | 39520575 | + | 0 | 0  | 0   | 0   | 4   | 2   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3938    | chr3  | 55886520 | 55886622 | - | 0 | 0  | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 0   | miRNA |
| hsa-mir-3939    | chr6  | 1.67E+08 | 1.67E+08 | - | 0 | 0  | 0   | 0   | 5   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3945    | chr4  | 1.86E+08 | 1.86E+08 | - | 0 | 0  | 0   | 0   | 10  | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-3960    | chr9  | 1.31E+08 | 1.31E+08 | - | 0 | 1  | 0   | 0   | 0   | 1   | 0  | 0  | 0  | 2   | miRNA |
| hsa-mir-3975    | chr18 | 33171701 | 33171770 | + | 0 | 0  | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-411     | chr14 | 1.01E+08 | 1.01E+08 | + | 0 | 17 | 25  | 253 | 241 | 143 | 0  | 0  | 20 | 0   | miRNA |
| hsa-mir-412     | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 108 | 168 | 19  | 1   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-422a    | chr15 | 64163129 | 64163218 | - | 0 | 1  | 5   | 0   | 1   | 0   | 0  | 0  | 1  | 2   | miRNA |
| hsa-mir-4267    | chr2  | 1.11E+08 | 1.11E+08 | - | 0 | 0  | 0   | 0   | 0   | 0   | 40 | 0  | 0  | 0   | miRNA |
| hsa-mir-4270    | chr3  | 15537746 | 15537815 | - | 0 | 0  | 0   | 0   | 7   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4271    | chr3  | 49311553 | 49311619 | + | 0 | 0  | 0   | 26  | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4278    | chr5  | 6827966  | 6828034  | - | 0 | 0  | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4282    | chr6  | 73677410 | 73677476 | - | 0 | 0  | 0   | 0   | 8   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4284    | chr7  | 73125647 | 73125727 | + | 0 | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 0   | miRNA |
| hsa-mir-4289    | chr9  | 91360751 | 91360820 | - | 0 | 1  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-429     | chr1  | 1104385  | 1104467  | + | 0 | 23 | 7   | 0   | 19  | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4294    | chr10 | 50193557 | 50193632 | - | 0 | 0  | 0   | 1   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4297    | chr10 | 1.32E+08 | 1.32E+08 | - | 0 | 1  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4307    | chr14 | 27377848 | 27377931 | + | 0 | 0  | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 0   | miRNA |
| hsa-mir-4311    | chr15 | 66332571 | 66332670 | + | 0 | 0  | 0   | 0   | 17  | 0   | 0  | 0  | 0  | 1   | miRNA |
| hsa-mir-4313    | chr15 | 76054556 | 76054656 | - | 0 | 0  | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4314    | chr17 | 7991374  | 7991465  | + | 0 | 0  | 0   | 1   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4320    | chr18 | 47652869 | 47652933 | + | 0 | 0  | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4325    | chr20 | 55896558 | 55896647 | - | 0 | 0  | 1   | 0   | 11  | 0   | 0  | 0  | 1  | 0   | miRNA |
| hsa-mir-4326    | chr20 | 61918160 | 61918218 | + | 0 | 0  | 0   | 0   | 9   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4330    | chrX  | 1.5E+08  | 1.5E+08  | + | 0 | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 23 | 0   | miRNA |
| hsa-mir-4420    | chr1  | 31212003 | 31212079 | - | 0 | 0  | 0   | 0   | 4   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4424    | chr1  | 1.79E+08 | 1.79E+08 | + | 0 | 0  | 0   | 1   | 0   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4427    | chr1  | 2.34E+08 | 2.34E+08 | + | 0 | 0  | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 0   | miRNA |
| hsa-mir-4434    | chr2  | 64752647 | 64752699 | + | 0 | 0  | 0   | 0   | 0   | 0   | 0  | 1  | 0  | 0   | miRNA |
| hsa-mir-4435-1  | chr2  | 87929274 | 87929353 | + | 0 | 0  | 0   | 0   | 7   | 0   | 34 | 0  | 0  | 0   | miRNA |
| hsa-mir-4435-2  | chr2  | 1.12E+08 | 1.12E+08 | - | 0 | 0  | 0   | 0   | 7   | 0   | 34 | 0  | 0  | 0   | miRNA |
| hsa-mir-4436a   | chr2  | 89111884 | 89111968 | + | 0 | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 19 | 0   | miRNA |
| hsa-mir-4436b-1 | chr2  | 1.11E+08 | 1.11E+08 | - | 0 | 0  | 0   | 0   | 10  | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4436b-2 | chr2  | 1.11E+08 | 1.11E+08 | + | 0 | 0  | 0   | 0   | 10  | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4437    | chr2  | 1.82E+08 | 1.82E+08 | - | 0 | 0  | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 0   | miRNA |
| hsa-mir-4440    | chr2  | 2.4E+08  | 2.4E+08  | - | 0 | 0  | 0   | 0   | 8   | 0   | 0  | 0  | 18 | 14  | miRNA |

|                |       |          |          |   |   |    |     |    |     |    |     |    |     |    |       |
|----------------|-------|----------|----------|---|---|----|-----|----|-----|----|-----|----|-----|----|-------|
| hsa-mir-4441   | chr2  | 2.4E+08  | 2.4E+08  | - | 0 | 0  | 0   | 0  | 6   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4444-1 | chr2  | 1.78E+08 | 1.78E+08 | + | 0 | 0  | 34  | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4444-2 | chr3  | 75263627 | 75263700 | + | 0 | 0  | 34  | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4445   | chr3  | 1.09E+08 | 1.09E+08 | + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 23 | miRNA |
| hsa-mir-4454   | chr4  | 1.64E+08 | 1.64E+08 | - | 0 | 0  | 29  | 0  | 0   | 1  | 37  | 31 | 0   | 31 | miRNA |
| hsa-mir-4458   | chr5  | 8461038  | 8461112  | + | 0 | 0  | 0   | 0  | 1   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4467   | chr7  | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 50  | 0  | 0   | 0  | 0   | 0  | 15  | 0  | miRNA |
| hsa-mir-4471   | chr8  | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 24  | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4473   | chr9  | 20411146 | 20411236 | - | 0 | 0  | 0   | 0  | 7   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4477b  | chr9  | 68415308 | 68415388 | + | 0 | 0  | 0   | 0  | 6   | 0  | 1   | 0  | 0   | 85 | miRNA |
| hsa-mir-4481   | chr10 | 12695137 | 12695196 | - | 0 | 0  | 0   | 0  | 1   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4482   | chr10 | 1.06E+08 | 1.06E+08 | - | 0 | 0  | 18  | 0  | 1   | 0  | 0   | 0  | 1   | 0  | miRNA |
| hsa-mir-4484   | chr10 | 1.28E+08 | 1.28E+08 | + | 0 | 0  | 0   | 0  | 2   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4486   | chr11 | 19596857 | 19596919 | + | 0 | 0  | 0   | 0  | 1   | 0  | 0   | 0  | 30  | 1  | miRNA |
| hsa-mir-4487   | chr11 | 47422521 | 47422593 | + | 0 | 0  | 64  | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4488   | chr11 | 61276068 | 61276129 | + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 42 | 0   | 0  | miRNA |
| hsa-mir-4489   | chr11 | 65416663 | 65416724 | + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 17 | miRNA |
| hsa-mir-4492   | chr11 | 1.19E+08 | 1.19E+08 | + | 0 | 0  | 0   | 0  | 0   | 0  | 2   | 0  | 17  | 0  | miRNA |
| hsa-mir-4497   | chr12 | 1.1E+08  | 1.1E+08  | + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 1   | 0  | miRNA |
| hsa-mir-4498   | chr12 | 1.21E+08 | 1.21E+08 | - | 0 | 0  | 13  | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4499   | chr13 | 21007917 | 21007985 | - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 1  | miRNA |
| hsa-mir-449a   | chr5  | 54466360 | 54466450 | - | 0 | 12 | 0   | 0  | 9   | 0  | 0   | 0  | 16  | 22 | miRNA |
| hsa-mir-449b   | chr5  | 54466474 | 54466570 | - | 0 | 1  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-450a-1 | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 1  | 31  | 0  | 10  | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-450a-2 | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 61 | 100 | 0  | 137 | 0  | 39  | 0  | 29  | 79 | miRNA |
| hsa-mir-450b   | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 0  | 0   | 0  | 0   | 48 | 0   | 0  | 23  | 61 | miRNA |
| hsa-mir-4514   | chr15 | 81289758 | 81289814 | - | 0 | 0  | 0   | 0  | 4   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4518   | chr16 | 30515240 | 30515322 | + | 0 | 0  | 1   | 0  | 0   | 0  | 0   | 0  | 1   | 0  | miRNA |
| hsa-mir-451b   | chr17 | 27188389 | 27188456 | + | 0 | 0  | 6   | 0  | 0   | 0  | 0   | 0  | 0   | 4  | miRNA |
| hsa-mir-4520-1 | chr17 | 6558759  | 6558828  | - | 0 | 0  | 0   | 0  | 0   | 0  | 1   | 0  | 0   | 0  | miRNA |
| hsa-mir-4520-2 | chr17 | 6558768  | 6558821  | + | 0 | 0  | 0   | 0  | 0   | 0  | 1   | 0  | 0   | 0  | miRNA |
| hsa-mir-4521   | chr17 | 8090263  | 8090322  | + | 0 | 3  | 1   | 2  | 9   | 0  | 1   | 0  | 6   | 6  | miRNA |
| hsa-mir-4525   | chr17 | 80626109 | 80626183 | - | 0 | 0  | 0   | 0  | 5   | 0  | 0   | 0  | 19  | 0  | miRNA |
| hsa-mir-4526   | chr18 | 13611113 | 13611199 | + | 0 | 0  | 49  | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4527   | chr18 | 44906867 | 44906936 | + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 1  | 0   | 0  | miRNA |
| hsa-mir-455    | chr9  | 1.17E+08 | 1.17E+08 | + | 0 | 0  | 0   | 0  | 8   | 0  | 0   | 76 | 1   | 0  | miRNA |
| hsa-mir-4632   | chr1  | 12251770 | 12251830 | + | 0 | 0  | 11  | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4635   | chr5  | 1063011  | 1063089  | - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 1  | miRNA |
| hsa-mir-4638   | chr5  | 1.81E+08 | 1.81E+08 | - | 0 | 0  | 0   | 0  | 8   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4639   | chr6  | 16141787 | 16141855 | + | 0 | 0  | 26  | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4640   | chr6  | 30858660 | 30858749 | + | 0 | 0  | 0   | 0  | 0   | 0  | 1   | 0  | 0   | 0  | miRNA |
| hsa-mir-4644   | chr6  | 1.71E+08 | 1.71E+08 | + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 1   | 0  | miRNA |
| hsa-mir-4646   | chr6  | 31668806 | 31668868 | - | 0 | 0  | 226 | 0  | 5   | 0  | 140 | 0  | 78  | 0  | miRNA |
| hsa-mir-4647   | chr6  | 44221943 | 44222022 | - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 14  | 0  | miRNA |
| hsa-mir-4650-1 | chr7  | 66579309 | 66579384 | - | 0 | 0  | 1   | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4650-2 | chr7  | 72162874 | 72162949 | + | 0 | 0  | 1   | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4651   | chr7  | 75544515 | 75544587 | + | 0 | 0  | 0   | 0  | 5   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4653   | chr7  | 1.01E+08 | 1.01E+08 | + | 0 | 0  | 18  | 0  | 0   | 0  | 0   | 0  | 1   | 0  | miRNA |
| hsa-mir-4655   | chr7  | 1883816  | 1883889  | - | 0 | 2  | 1   | 1  | 0   | 1  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4656   | chr7  | 4828196  | 4828270  | - | 0 | 93 | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4657   | chr7  | 44921347 | 44921399 | - | 0 | 0  | 36  | 0  | 9   | 0  | 0   | 0  | 29  | 0  | miRNA |
| hsa-mir-4659b  | chr8  | 6602689  | 6602761  | - | 0 | 0  | 37  | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4660   | chr8  | 8905955  | 8906028  | + | 0 | 0  | 0   | 0  | 12  | 0  | 0   | 0  | 12  | 0  | miRNA |
| hsa-mir-4665   | chr9  | 6007826  | 6007904  | + | 0 | 17 | 0   | 6  | 4   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4667   | chr9  | 35608091 | 35608156 | + | 0 | 0  | 20  | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4669   | chr9  | 1.37E+08 | 1.37E+08 | + | 0 | 0  | 23  | 0  | 11  | 0  | 0   | 0  | 159 | 0  | miRNA |
| hsa-mir-4671   | chr1  | 2.34E+08 | 2.34E+08 | + | 0 | 0  | 0   | 0  | 0   | 0  | 1   | 0  | 0   | 1  | miRNA |
| hsa-mir-4672   | chr9  | 1.31E+08 | 1.31E+08 | - | 0 | 1  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 34 | miRNA |
| hsa-mir-4673   | chr9  | 1.39E+08 | 1.39E+08 | - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 6   | 0  | miRNA |
| hsa-mir-4676   | chr10 | 74480787 | 74480858 | + | 0 | 0  | 0   | 0  | 2   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4677   | chr1  | 2.44E+08 | 2.44E+08 | + | 0 | 24 | 0   | 0  | 2   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4679-1 | chr10 | 90823093 | 90823167 | + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 18 | miRNA |
| hsa-mir-4683   | chr10 | 35930100 | 35930180 | - | 0 | 0  | 0   | 0  | 9   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4685   | chr10 | 1E+08    | 1E+08    | - | 0 | 0  | 0   | 56 | 1   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4687   | chr11 | 3877292  | 3877371  | + | 0 | 0  | 0   | 0  | 2   | 0  | 0   | 0  | 1   | 0  | miRNA |
| hsa-mir-4689   | chr1  | 5922732  | 5922801  | - | 0 | 0  | 2   | 0  | 1   | 1  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4690   | chr11 | 65403781 | 65403840 | + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 1  | miRNA |
| hsa-mir-4695   | chr1  | 19209696 | 19209769 | - | 0 | 0  | 1   | 0  | 0   | 0  | 0   | 0  | 0   | 1  | miRNA |
| hsa-mir-4701   | chr12 | 49165758 | 49165820 | - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 12  | 0  | miRNA |
| hsa-mir-4708   | chr14 | 65801835 | 65801901 | - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 11  | 0  | miRNA |
| hsa-mir-4711   | chr1  | 60198899 | 60198968 | - | 0 | 0  | 0   | 0  | 6   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4712   | chr15 | 50652526 | 50652607 | + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 1  | miRNA |
| hsa-mir-4713   | chr15 | 51534387 | 51534461 | + | 0 | 0  | 0   | 0  | 1   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4714   | chr15 | 99327655 | 99327731 | + | 0 | 0  | 19  | 0  | 3   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4716   | chr15 | 49461267 | 49461350 | - | 0 | 0  | 59  | 0  | 0   | 0  | 0   | 0  | 1   | 0  | miRNA |
| hsa-mir-4717   | chr16 | 2324621  | 2324692  | + | 0 | 0  | 0   | 0  | 8   | 1  | 0   | 0  | 0   | 30 | miRNA |
| hsa-mir-4725   | chr17 | 29902288 | 29902377 | + | 0 | 0  | 0   | 0  | 9   | 0  | 0   | 0  | 1   | 0  | miRNA |
| hsa-mir-4726   | chr17 | 36875944 | 36876001 | + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 12  | 0  | miRNA |
| hsa-mir-4734   | chr17 | 36858515 | 36858584 | - | 0 | 0  | 0   | 0  | 0   | 1  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4736   | chr17 | 56413337 | 56413383 | - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 1   | 0  | miRNA |
| hsa-mir-4738   | chr17 | 73780602 | 73780688 | - | 0 | 0  | 18  | 0  | 0   | 0  | 0   | 0  | 0   | 0  | miRNA |
| hsa-mir-4739   | chr17 | 77680985 | 77681058 | - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 43 | miRNA |
| hsa-mir-4740   | chr17 | 79374516 | 79374578 | - | 0 | 0  | 0   | 0  | 1   | 0  | 0   | 0  | 0   | 0  | miRNA |

|                 |       |          |          |   |   |    |     |     |     |    |     |    |     |     |       |
|-----------------|-------|----------|----------|---|---|----|-----|-----|-----|----|-----|----|-----|-----|-------|
| hsa-mir-4742    | chr1  | 2.25E+08 | 2.25E+08 | - | 0 | 0  | 0   | 0   | 5   | 0  | 0   | 0  | 43  | 5   | miRNA |
| hsa-mir-4743    | chr18 | 46196971 | 46197039 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 21  | 0   | miRNA |
| hsa-mir-4745    | chr19 | 804940   | 805001   | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 1   | miRNA |
| hsa-mir-4746    | chr19 | 4445975  | 4446045  | + | 0 | 0  | 0   | 0   | 5   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4747    | chr19 | 4932699  | 4932752  | + | 0 | 0  | 39  | 0   | 0   | 0  | 192 | 0  | 28  | 40  | miRNA |
| hsa-mir-4748    | chr19 | 10890930 | 10891011 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 39  | 0   | miRNA |
| hsa-mir-4749    | chr19 | 50357848 | 50357908 | + | 0 | 0  | 0   | 0   | 0   | 26 | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4750    | chr19 | 50391432 | 50391487 | + | 0 | 0  | 1   | 36  | 4   | 0  | 0   | 0  | 0   | 46  | miRNA |
| hsa-mir-4761    | chr22 | 19951276 | 19951357 | + | 0 | 0  | 0   | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4762    | chr22 | 46156404 | 46156478 | + | 0 | 0  | 0   | 0   | 14  | 0  | 6   | 0  | 0   | 0   | miRNA |
| hsa-mir-4764    | chr22 | 33832568 | 33832655 | - | 0 | 0  | 0   | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4766    | chr22 | 41209887 | 41209962 | - | 0 | 0  | 0   | 0   | 7   | 0  | 107 | 0  | 0   | 0   | miRNA |
| hsa-mir-4769    | chrX  | 47446828 | 47446904 | + | 0 | 0  | 0   | 0   | 12  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4772    | chr2  | 1.03E+08 | 1.03E+08 | + | 0 | 0  | 0   | 137 | 92  | 0  | 0   | 0  | 0   | 108 | miRNA |
| hsa-mir-4773-1  | chr2  | 1.52E+08 | 1.52E+08 | + | 0 | 4  | 58  | 0   | 7   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4773-2  | chr2  | 1.52E+08 | 1.52E+08 | - | 0 | 4  | 58  | 0   | 7   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4776-1  | chr2  | 2.14E+08 | 2.14E+08 | + | 0 | 0  | 1   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4784    | chr2  | 1.32E+08 | 1.32E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 13  | 0  | 21  | 0   | miRNA |
| hsa-mir-4786    | chr2  | 2.41E+08 | 2.41E+08 | + | 0 | 0  | 0   | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4791    | chr3  | 19356340 | 19356423 | - | 0 | 0  | 0   | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4793    | chr3  | 48681627 | 48681713 | - | 0 | 0  | 0   | 1   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4795    | chr3  | 87275339 | 87275427 | - | 0 | 0  | 27  | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4796    | chr3  | 1.14E+08 | 1.14E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 1   | 0  | 0   | 0   | miRNA |
| hsa-mir-4800    | chr4  | 2251804  | 2251883  | - | 0 | 0  | 0   | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4802    | chr4  | 40504057 | 40504136 | - | 0 | 0  | 0   | 1   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-4804    | chr5  | 72174418 | 72174490 | + | 0 | 0  | 2   | 0   | 3   | 0  | 48  | 0  | 3   | 0   | miRNA |
| hsa-mir-485     | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 125 | 176 | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-487a    | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 21  | 0  | 0   | 0  | 35  | 0   | miRNA |
| hsa-mir-487b    | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 30 | 35  | 294 | 504 | 0  | 0   | 0  | 41  | 0   | miRNA |
| hsa-mir-489     | chr7  | 93113248 | 93113331 | - | 0 | 0  | 33  | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-490     | chr7  | 1.37E+08 | 1.37E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 20  | 0   | miRNA |
| hsa-mir-495     | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 30  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-496     | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 2   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-497     | chr17 | 6921230  | 6921341  | - | 0 | 0  | 56  | 0   | 0   | 0  | 0   | 0  | 0   | 28  | miRNA |
| hsa-mir-4999    | chr19 | 8454174  | 8454264  | - | 0 | 23 | 19  | 0   | 4   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-499a    | chr20 | 33578179 | 33578300 | + | 0 | 0  | 45  | 0   | 9   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5000    | chr2  | 75317939 | 75318041 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 18  | 0   | miRNA |
| hsa-mir-5001    | chr2  | 2.33E+08 | 2.33E+08 | - | 0 | 18 | 18  | 0   | 0   | 0  | 0   | 0  | 12  | 0   | miRNA |
| hsa-mir-5003    | chr5  | 1.72E+08 | 1.72E+08 | + | 0 | 0  | 0   | 0   | 0   | 52 | 0   | 0  | 0   | 1   | miRNA |
| hsa-mir-5006    | chr13 | 42142422 | 42142531 | - | 0 | 0  | 0   | 0   | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5008    | chr1  | 2.28E+08 | 2.28E+08 | - | 0 | 0  | 0   | 0   | 4   | 1  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5009    | chr15 | 90427163 | 90427262 | - | 0 | 0  | 5   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-500a    | chrX  | 49773039 | 49773122 | + | 0 | 14 | 27  | 109 | 16  | 34 | 37  | 0  | 56  | 0   | miRNA |
| hsa-mir-501     | chrX  | 49774330 | 49774413 | + | 0 | 0  | 110 | 0   | 0   | 0  | 0   | 51 | 0   | 0   | miRNA |
| hsa-mir-502     | chrX  | 49779206 | 49779291 | + | 0 | 14 | 27  | 109 | 16  | 34 | 37  | 0  | 75  | 0   | miRNA |
| hsa-mir-503     | chrX  | 1.34E+08 | 1.34E+08 | - | 0 | 0  | 283 | 0   | 29  | 33 | 0   | 0  | 267 | 71  | miRNA |
| hsa-mir-504     | chrX  | 1.38E+08 | 1.38E+08 | - | 0 | 0  | 0   | 0   | 24  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-505     | chrX  | 1.39E+08 | 1.39E+08 | - | 0 | 70 | 125 | 0   | 116 | 41 | 62  | 0  | 41  | 0   | miRNA |
| hsa-mir-506     | chrX  | 1.46E+08 | 1.46E+08 | - | 0 | 0  | 0   | 0   | 5   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-509-2   | chrX  | 1.46E+08 | 1.46E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-509-3   | chrX  | 1.46E+08 | 1.46E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-5092    | chr3  | 1.25E+08 | 1.25E+08 | - | 0 | 0  | 0   | 1   | 0   | 0  | 0   | 0  | 18  | 0   | miRNA |
| hsa-mir-5093    | chr16 | 85339832 | 85339931 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 1  | 0   | 0   | miRNA |
| hsa-mir-5094    | chr15 | 90393869 | 90393953 | - | 0 | 14 | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5100    | chr10 | 43493011 | 43493129 | + | 0 | 0  | 0   | 0   | 7   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-511     | chr10 | 18134036 | 18134122 | + | 0 | 0  | 186 | 56  | 17  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-512-2   | chr19 | 54172411 | 54172508 | + | 0 | 0  | 0   | 0   | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-516b-1  | chr19 | 54240099 | 54240188 | + | 0 | 0  | 0   | 0   | 5   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-516b-2  | chr19 | 54228696 | 54228780 | + | 0 | 0  | 0   | 0   | 5   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5186    | chr3  | 1.51E+08 | 1.51E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 18  | 0   | miRNA |
| hsa-mir-5188    | chr12 | 1.25E+08 | 1.25E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 1   | 0  | 0   | 1   | miRNA |
| hsa-mir-5189    | chr16 | 88535326 | 88535439 | + | 0 | 0  | 67  | 37  | 11  | 0  | 0   | 0  | 30  | 0   | miRNA |
| hsa-mir-518a-2  | chr19 | 54242587 | 54242673 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 4  | 1   | 0   | miRNA |
| hsa-mir-5191    | chr1  | 2.02E+08 | 2.02E+08 | + | 0 | 0  | 7   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-526a-2  | chr19 | 54230176 | 54230240 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 36  | miRNA |
| hsa-mir-539     | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 35  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-544a    | chr14 | 1.02E+08 | 1.02E+08 | + | 0 | 0  | 0   | 0   | 0   | 1  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-544b    | chr3  | 1.24E+08 | 1.24E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 0   | 0  | 12  | 0   | miRNA |
| hsa-mir-545     | chrX  | 73506939 | 73507044 | - | 0 | 0  | 0   | 0   | 14  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548ab   | chr3  | 1.03E+08 | 1.03E+08 | - | 0 | 5  | 6   | 0   | 1   | 0  | 3   | 0  | 4   | 1   | miRNA |
| hsa-mir-548ac   | chr1  | 1.17E+08 | 1.17E+08 | - | 0 | 22 | 0   | 0   | 29  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548ae-1 | chr2  | 1.85E+08 | 1.85E+08 | + | 0 | 0  | 0   | 0   | 0   | 0  | 1   | 0  | 0   | 0   | miRNA |
| hsa-mir-548ag-1 | chr4  | 61788337 | 61788402 | + | 0 | 0  | 0   | 0   | 9   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548ag-2 | chr20 | 59139620 | 59139683 | + | 0 | 0  | 0   | 0   | 9   | 0  | 0   | 0  | 0   | 32  | miRNA |
| hsa-mir-548ah   | chr4  | 77496704 | 77496779 | + | 0 | 0  | 0   | 0   | 11  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548aj-1 | chr6  | 1.32E+08 | 1.32E+08 | - | 0 | 0  | 0   | 0   | 0   | 0  | 1   | 0  | 0   | 0   | miRNA |
| hsa-mir-548ak   | chr10 | 12172759 | 12172815 | - | 0 | 0  | 23  | 0   | 4   | 0  | 0   | 0  | 18  | 43  | miRNA |
| hsa-mir-548al   | chr11 | 74110282 | 74110378 | + | 0 | 0  | 0   | 0   | 8   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548am   | chrX  | 16645135 | 16645208 | - | 0 | 25 | 236 | 1   | 17  | 39 | 41  | 0  | 75  | 46  | miRNA |
| hsa-mir-548aq   | chr3  | 1.85E+08 | 1.85E+08 | - | 0 | 0  | 12  | 0   | 0   | 0  | 0   | 0  | 15  | 0   | miRNA |
| hsa-mir-548as   | chr13 | 93142416 | 93142473 | + | 0 | 0  | 37  | 0   | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548at   | chr17 | 40646791 | 40646848 | + | 0 | 0  | 160 | 0   | 0   | 0  | 23  | 0  | 76  | 0   | miRNA |
| hsa-mir-548av   | chr18 | 70520556 | 70520617 | - | 0 | 0  | 58  | 0   | 0   | 0  | 0   | 0  | 74  | 23  | miRNA |

|                |       |          |          |   |   |     |     |     |     |     |     |    |     |     |       |
|----------------|-------|----------|----------|---|---|-----|-----|-----|-----|-----|-----|----|-----|-----|-------|
| hsa-mir-548aw  | chr9  | 1.36E+08 | 1.36E+08 | + | 0 | 0   | 23  | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548ax  | chrX  | 11336734 | 11336806 | - | 0 | 0   | 59  | 0   | 1   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548az  | chr8  | 1.2E+08  | 1.2E+08  | + | 0 | 0   | 24  | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548b   | chr6  | 1.19E+08 | 1.19E+08 | - | 0 | 1   | 41  | 1   | 1   | 47  | 1   | 0  | 29  | 45  | miRNA |
| hsa-mir-548bc  | chr17 | 37453653 | 37453762 | + | 0 | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548c   | chr12 | 65016289 | 65016385 | + | 0 | 9   | 236 | 0   | 17  | 39  | 41  | 0  | 75  | 45  | miRNA |
| hsa-mir-548e   | chr10 | 1.13E+08 | 1.13E+08 | + | 0 | 23  | 85  | 0   | 20  | 32  | 3   | 0  | 12  | 0   | miRNA |
| hsa-mir-548f-1 | chr10 | 56367634 | 56367717 | - | 0 | 0   | 1   | 0   | 0   | 0   | 1   | 0  | 0   | 0   | miRNA |
| hsa-mir-548f-2 | chr2  | 2.13E+08 | 2.13E+08 | - | 0 | 0   | 0   | 0   | 0   | 45  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548f-3 | chr5  | 1.1E+08  | 1.1E+08  | - | 0 | 0   | 0   | 0   | 0   | 45  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548f-4 | chr7  | 1.47E+08 | 1.47E+08 | - | 0 | 0   | 7   | 0   | 0   | 0   | 3   | 0  | 5   | 7   | miRNA |
| hsa-mir-548g   | chr4  | 1.48E+08 | 1.48E+08 | - | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-548i-1 | chr3  | 1.26E+08 | 1.26E+08 | - | 0 | 0   | 3   | 0   | 1   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-548i-2 | chr4  | 9557789  | 9557937  | - | 0 | 0   | 3   | 0   | 1   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-548i-3 | chr8  | 7946463  | 7946611  | - | 0 | 0   | 3   | 0   | 1   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-548i-4 | chrX  | 83480760 | 83480836 | - | 0 | 0   | 3   | 0   | 5   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-548k   | chr11 | 70130061 | 70130176 | + | 0 | 0   | 0   | 0   | 0   | 0   | 49  | 0  | 28  | 0   | miRNA |
| hsa-mir-548l   | chr11 | 94199661 | 94199746 | - | 0 | 18  | 204 | 0   | 92  | 0   | 46  | 0  | 198 | 47  | miRNA |
| hsa-mir-548n   | chr7  | 34980372 | 34980446 | - | 0 | 28  | 6   | 0   | 10  | 0   | 37  | 0  | 4   | 1   | miRNA |
| hsa-mir-548o   | chr7  | 1.02E+08 | 1.02E+08 | - | 0 | 0   | 58  | 0   | 27  | 0   | 0   | 0  | 74  | 23  | miRNA |
| hsa-mir-548o-2 | chr20 | 37145206 | 37145275 | + | 0 | 9   | 294 | 0   | 44  | 39  | 41  | 0  | 149 | 68  | miRNA |
| hsa-mir-548q   | chr10 | 12767253 | 12767352 | - | 0 | 0   | 275 | 0   | 28  | 4   | 0   | 0  | 16  | 0   | miRNA |
| hsa-mir-548t   | chr4  | 1.74E+08 | 1.74E+08 | + | 0 | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548u   | chr6  | 57254930 | 57255010 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 6   | miRNA |
| hsa-mir-548v   | chr8  | 17539087 | 17539166 | - | 0 | 0   | 8   | 0   | 0   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-548w   | chr16 | 26036558 | 26036631 | + | 0 | 0   | 23  | 0   | 4   | 0   | 0   | 0  | 18  | 43  | miRNA |
| hsa-mir-548x-2 | chr13 | 66540462 | 66540561 | - | 0 | 0   | 0   | 0   | 0   | 1   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-548y   | chr14 | 48230198 | 48230307 | - | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 1  | 0   | 0   | miRNA |
| hsa-mir-550a-1 | chr7  | 30329410 | 30329506 | + | 0 | 0   | 102 | 28  | 55  | 0   | 27  | 0  | 181 | 192 | miRNA |
| hsa-mir-550a-3 | chr7  | 29720350 | 29720444 | - | 0 | 0   | 45  | 27  | 16  | 0   | 27  | 0  | 128 | 151 | miRNA |
| hsa-mir-550b-1 | chr7  | 30329410 | 30329506 | - | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 3   | 50  | miRNA |
| hsa-mir-550b-2 | chr7  | 32772593 | 32772689 | - | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 3   | 50  | miRNA |
| hsa-mir-551a   | chr1  | 3477259  | 3477354  | - | 0 | 25  | 0   | 0   | 3   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-551b   | chr3  | 1.68E+08 | 1.68E+08 | + | 0 | 1   | 0   | 0   | 4   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-552    | chr1  | 35135200 | 35135295 | - | 0 | 0   | 0   | 0   | 8   | 2   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-554    | chr1  | 1.52E+08 | 1.52E+08 | + | 0 | 0   | 0   | 0   | 0   | 1   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-555    | chr1  | 1.55E+08 | 1.55E+08 | - | 0 | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-556    | chr1  | 1.62E+08 | 1.62E+08 | + | 0 | 0   | 0   | 0   | 6   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5583-1 | chr18 | 37256685 | 37256743 | + | 0 | 0   | 0   | 0   | 7   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5583-2 | chr18 | 37256683 | 37256741 | - | 0 | 0   | 0   | 0   | 7   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5584   | chr1  | 45011165 | 45011224 | + | 0 | 0   | 0   | 72  | 17  | 0   | 49  | 0  | 0   | 0   | miRNA |
| hsa-mir-5586   | chr14 | 60113680 | 60113738 | - | 0 | 25  | 0   | 0   | 24  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5588   | chr3  | 1.85E+08 | 1.85E+08 | - | 0 | 0   | 0   | 0   | 3   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5589   | chr19 | 10149030 | 10149089 | + | 0 | 0   | 0   | 0   | 4   | 0   | 29  | 0  | 0   | 0   | miRNA |
| hsa-mir-559    | chr2  | 47604814 | 47604909 | + | 0 | 0   | 28  | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5591   | chr4  | 39413530 | 39413594 | + | 0 | 0   | 0   | 34  | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5680   | chr8  | 1.03E+08 | 1.03E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 6   | 0   | miRNA |
| hsa-mir-5685   | chr6  | 53141791 | 53141869 | + | 0 | 16  | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5692b  | chr21 | 44371038 | 44371124 | - | 0 | 0   | 0   | 0   | 0   | 1   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5695   | chr19 | 13031134 | 13031218 | + | 0 | 0   | 21  | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5696   | chr2  | 1.02E+08 | 1.02E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 56  | miRNA |
| hsa-mir-5697   | chr1  | 10027439 | 10027516 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 15  | 0   | miRNA |
| hsa-mir-5698   | chr1  | 1.54E+08 | 1.54E+08 | - | 0 | 0   | 0   | 0   | 0   | 0   | 46  | 0  | 0   | 0   | miRNA |
| hsa-mir-5699   | chr10 | 687629   | 687718   | - | 0 | 16  | 0   | 0   | 6   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5706   | chr5  | 1.18E+08 | 1.18E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 1   | miRNA |
| hsa-mir-572    | chr4  | 11370451 | 11370545 | + | 0 | 245 | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-5739   | chr22 | 28855857 | 28855936 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 1   | miRNA |
| hsa-mir-574    | chr4  | 38869653 | 38869748 | + | 0 | 45  | 53  | 69  | 244 | 0   | 77  | 0  | 0   | 53  | miRNA |
| hsa-mir-5787   | chr3  | 50264868 | 50264922 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-581    | chr5  | 53247334 | 53247429 | + | 0 | 0   | 0   | 0   | 11  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-582    | chr5  | 58999432 | 58999529 | - | 0 | 59  | 21  | 66  | 132 | 0   | 36  | 43 | 0   | 61  | miRNA |
| hsa-mir-587    | chr6  | 1.07E+08 | 1.07E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 1   | miRNA |
| hsa-mir-589    | chr7  | 5535450  | 5535548  | - | 0 | 54  | 121 | 0   | 42  | 0   | 41  | 0  | 97  | 43  | miRNA |
| hsa-mir-590    | chr7  | 73605528 | 73605624 | + | 0 | 0   | 81  | 45  | 29  | 0   | 0   | 0  | 14  | 97  | miRNA |
| hsa-mir-592    | chr7  | 1.27E+08 | 1.27E+08 | - | 0 | 0   | 22  | 2   | 30  | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-593    | chr7  | 1.28E+08 | 1.28E+08 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-597    | chr8  | 9599182  | 9599278  | + | 0 | 0   | 52  | 0   | 10  | 0   | 0   | 0  | 0   | 19  | miRNA |
| hsa-mir-598    | chr8  | 10892716 | 10892812 | - | 0 | 104 | 599 | 0   | 240 | 154 | 130 | 0  | 144 | 240 | miRNA |
| hsa-mir-604    | chr10 | 29833933 | 29834026 | - | 0 | 0   | 0   | 0   | 8   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6069   | chr22 | 35732714 | 35732792 | - | 0 | 1   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-607    | chr10 | 98588426 | 98588521 | - | 0 | 0   | 56  | 0   | 0   | 0   | 0   | 0  | 3   | 0   | miRNA |
| hsa-mir-6074   | chr12 | 66417400 | 66417506 | - | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-6076   | chr14 | 50433117 | 50433229 | + | 0 | 0   | 0   | 0   | 12  | 0   | 0   | 0  | 39  | 0   | miRNA |
| hsa-mir-6080   | chr17 | 62776877 | 62776942 | + | 0 | 0   | 0   | 0   | 2   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6085   | chr15 | 62635228 | 62635337 | + | 0 | 0   | 0   | 0   | 9   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6086   | chrX  | 13608411 | 13608465 | + | 0 | 0   | 0   | 0   | 8   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-610    | chr11 | 28078362 | 28078457 | + | 0 | 0   | 9   | 0   | 0   | 0   | 0   | 0  | 24  | 12  | miRNA |
| hsa-mir-6125   | chr12 | 62654140 | 62654235 | + | 0 | 23  | 83  | 57  | 38  | 59  | 1   | 0  | 4   | 0   | miRNA |
| hsa-mir-6127   | chr1  | 22959751 | 22959859 | - | 0 | 0   | 0   | 1   | 0   | 0   | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6128   | chr11 | 56511349 | 56511457 | + | 0 | 0   | 0   | 0   | 0   | 0   | 0   | 1  | 0   | 0   | miRNA |
| hsa-mir-6130   | chr21 | 24451606 | 24451714 | + | 0 | 0   | 1   | 0   | 4   | 0   | 0   | 0  | 1   | 3   | miRNA |
| hsa-mir-616    | chr12 | 57912946 | 57913042 | - | 0 | 17  | 45  | 3   | 74  | 0   | 34  | 0  | 19  | 16  | miRNA |
| hsa-mir-618    | chr12 | 81329515 | 81329612 | - | 0 | 0   | 0   | 127 | 93  | 33  | 4   | 0  | 0   | 0   | miRNA |



|                |            |          |            |   |    |     |    |     |    |     |    |     |     |       |
|----------------|------------|----------|------------|---|----|-----|----|-----|----|-----|----|-----|-----|-------|
| hsa-mir-622    | chr13      | 90883436 | 90883531 + | 0 | 0  | 0   | 0  | 17  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-624    | chr14      | 31483852 | 31483948 - | 0 | 0  | 11  | 0  | 4   | 0  | 0   | 0  | 29  | 0   | miRNA |
| hsa-mir-627    | chr15      | 42491768 | 42491864 - | 0 | 24 | 127 | 0  | 53  | 0  | 46  | 0  | 60  | 118 | miRNA |
| hsa-mir-632    | chr17      | 30677128 | 30677221 + | 0 | 0  | 0   | 0  | 0   | 0  | 26  | 0  | 0   | 0   | miRNA |
| hsa-mir-634    | chr17      | 64783190 | 64783286 + | 0 | 0  | 0   | 0  | 0   | 0  | 1   | 0  | 0   | 0   | miRNA |
| hsa-mir-636    | chr17      | 74732532 | 74732630 - | 0 | 0  | 0   | 0  | 3   | 0  | 73  | 0  | 20  | 0   | miRNA |
| hsa-mir-638    | chr19      | 10829080 | 10829179 + | 0 | 12 | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-639    | chr19      | 14640355 | 14640452 + | 0 | 0  | 0   | 0  | 7   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-641    | chr19      | 40788450 | 40788548 - | 0 | 27 | 49  | 0  | 35  | 41 | 0   | 0  | 92  | 66  | miRNA |
| hsa-mir-642a   | chr19      | 46178186 | 46178282 + | 0 | 0  | 0   | 57 | 35  | 0  | 0   | 0  | 0   | 51  | miRNA |
| hsa-mir-642b   | chr19      | 46178190 | 46178266 - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 4   | miRNA |
| hsa-mir-643    | chr19      | 52785050 | 52785146 + | 0 | 0  | 0   | 0  | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-645    | chr20      | 49202323 | 49202416 + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 44  | miRNA |
| hsa-mir-647    | chr20      | 62573984 | 62574079 - | 0 | 0  | 6   | 0  | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-648    | chr22      | 18463634 | 18463727 - | 0 | 0  | 0   | 0  | 0   | 1  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6499   | chr5       | 1.51E+08 | 1.51E+08 - | 0 | 1  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6501   | chr21      | 34922968 | 34923034 + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 5   | 0   | miRNA |
| hsa-mir-6505   | chr12      | 48526580 | 48526650 + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 30  | miRNA |
| hsa-mir-6509   | chr7       | 1.35E+08 | 1.35E+08 - | 0 | 0  | 0   | 53 | 9   | 0  | 0   | 0  | 0   | 50  | miRNA |
| hsa-mir-651    | chrX       | 8095006  | 8095102 +  | 0 | 57 | 369 | 0  | 138 | 0  | 42  | 0  | 183 | 71  | miRNA |
| hsa-mir-6513   | chr2       | 2.19E+08 | 2.19E+08 - | 0 | 0  | 46  | 0  | 46  | 1  | 8   | 0  | 0   | 0   | miRNA |
| hsa-mir-6514   | chr11      | 62560174 | 62560243 - | 0 | 15 | 12  | 0  | 0   | 0  | 36  | 0  | 39  | 0   | miRNA |
| hsa-mir-6516   | chr17      | 75085499 | 75085579 + | 0 | 26 | 0   | 0  | 3   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-659    | chr22      | 38243685 | 38243781 - | 0 | 0  | 0   | 0  | 5   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-662    | chr16      | 820183   | 820277 +   | 0 | 1  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-664a   | chr1       | 2.2E+08  | 2.2E+08 -  | 0 | 50 | 140 | 54 | 72  | 1  | 4   | 0  | 44  | 112 | miRNA |
| hsa-mir-664b   | chrX       | 1.54E+08 | 1.54E+08 + | 0 | 0  | 0   | 0  | 5   | 58 | 0   | 0  | 13  | 0   | miRNA |
| hsa-mir-670    | chr11      | 43581206 | 43581303 + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-6715a  | chr10      | 1.14E+08 | 1.14E+08 + | 0 | 0  | 0   | 0  | 7   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6716   | chr11      | 1.19E+08 | 1.19E+08 + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 18  | 0   | miRNA |
| hsa-mir-6717   | chr14      | 21491473 | 21491545 - | 0 | 0  | 0   | 0  | 7   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6720   | chr6       | 1390549  | 1390646 -  | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 2   | 0   | miRNA |
| hsa-mir-6721   | chr6       | 32137807 | 32137893 - | 0 | 0  | 0   | 47 | 43  | 23 | 0   | 0  | 19  | 57  | miRNA |
| hsa-mir-6724-1 | chrUn_gliO | 104732   | 104823 +   | 0 | 14 | 59  | 15 | 23  | 17 | 0   | 22 | 51  | 0   | miRNA |
| hsa-mir-6724-2 | chrUn_gliO | 148704   | 148795 +   | 0 | 14 | 59  | 15 | 23  | 17 | 0   | 22 | 51  | 0   | miRNA |
| hsa-mir-6724-3 | chrUn_gliO | 104732   | 104823 +   | 0 | 14 | 59  | 15 | 23  | 17 | 0   | 22 | 51  | 0   | miRNA |
| hsa-mir-6724-4 | chrUn_gliO | 148704   | 148795 +   | 0 | 14 | 59  | 15 | 23  | 17 | 0   | 22 | 51  | 0   | miRNA |
| hsa-mir-6726   | chr1       | 1231490  | 1231550 -  | 0 | 0  | 0   | 0  | 0   | 0  | 4   | 0  | 0   | 0   | miRNA |
| hsa-mir-6730   | chr1       | 12638985 | 12639051 - | 0 | 0  | 0   | 0  | 1   | 0  | 0   | 0  | 37  | 0   | miRNA |
| hsa-mir-6731   | chr1       | 25245836 | 25245907 - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 15  | 0   | miRNA |
| hsa-mir-6732   | chr1       | 37945831 | 37945890 + | 0 | 0  | 0   | 0  | 6   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6734   | chr1       | 43830319 | 43830386 - | 0 | 0  | 84  | 0  | 22  | 24 | 99  | 0  | 0   | 1   | miRNA |
| hsa-mir-6742   | chr1       | 2.29E+08 | 2.29E+08 - | 0 | 0  | 0   | 0  | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6744   | chr11      | 1277835  | 1277900 +  | 0 | 23 | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6745   | chr11      | 47201162 | 47201288 + | 0 | 1  | 0   | 1  | 0   | 1  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6747   | chr11      | 62334483 | 62334543 - | 0 | 0  | 0   | 0  | 21  | 0  | 0   | 0  | 44  | 0   | miRNA |
| hsa-mir-6748   | chr11      | 62557287 | 62557357 + | 0 | 0  | 0   | 0  | 0   | 42 | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-675    | chr11      | 2017989  | 2018061 -  | 0 | 0  | 13  | 0  | 0   | 0  | 0   | 0  | 0   | 21  | miRNA |
| hsa-mir-6750   | chr11      | 64665835 | 64665909 - | 0 | 15 | 0   | 0  | 0   | 0  | 1   | 0  | 3   | 0   | miRNA |
| hsa-mir-6751   | chr11      | 64897388 | 64897450 - | 0 | 0  | 12  | 0  | 1   | 0  | 19  | 0  | 0   | 0   | miRNA |
| hsa-mir-6752   | chr11      | 67257716 | 67257786 + | 0 | 0  | 1   | 0  | 0   | 0  | 1   | 0  | 0   | 0   | miRNA |
| hsa-mir-6754   | chr11      | 71184549 | 71184614 + | 0 | 0  | 0   | 0  | 0   | 0  | 8   | 0  | 0   | 0   | miRNA |
| hsa-mir-6755   | chr11      | 85989375 | 85989440 + | 0 | 0  | 0   | 0  | 11  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6758   | chr12      | 57906471 | 57906533 + | 0 | 0  | 9   | 0  | 0   | 69 | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6761   | chr12      | 1.12E+08 | 1.12E+08 + | 0 | 0  | 0   | 0  | 5   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6762   | chr12      | 1.14E+08 | 1.14E+08 + | 0 | 0  | 1   | 0  | 0   | 0  | 0   | 0  | 14  | 0   | miRNA |
| hsa-mir-6763   | chr12      | 1.33E+08 | 1.33E+08 + | 0 | 0  | 0   | 0  | 8   | 17 | 0   | 0  | 0   | 47  | miRNA |
| hsa-mir-6764   | chr14      | 1.01E+08 | 1.01E+08 + | 0 | 0  | 0   | 0  | 3   | 0  | 0   | 0  | 0   | 47  | miRNA |
| hsa-mir-6767   | chr16      | 2495393  | 2495458 +  | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 13  | 0   | miRNA |
| hsa-mir-6769a  | chr16      | 4721319  | 4721391 +  | 0 | 0  | 20  | 0  | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6771   | chr16      | 50326527 | 50326586 + | 0 | 1  | 0   | 0  | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6777   | chr17      | 17716794 | 17716859 - | 0 | 0  | 0   | 0  | 5   | 14 | 6   | 0  | 22  | 0   | miRNA |
| hsa-mir-6780a  | chr17      | 40860102 | 40860169 - | 0 | 0  | 35  | 0  | 5   | 0  | 157 | 0  | 57  | 0   | miRNA |
| hsa-mir-6781   | chr17      | 40975898 | 40975961 - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 27  | 0   | miRNA |
| hsa-mir-6783   | chr17      | 43011986 | 43012049 - | 0 | 0  | 0   | 0  | 9   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6785   | chr17      | 73494629 | 73494709 + | 0 | 0  | 14  | 0  | 0   | 0  | 29  | 1  | 27  | 0   | miRNA |
| hsa-mir-6786   | chr17      | 79660787 | 79660899 + | 0 | 0  | 0   | 0  | 3   | 3  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6790   | chr19      | 6392932  | 6392994 -  | 0 | 0  | 0   | 1  | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6791   | chr19      | 6736723  | 6736789 -  | 0 | 0  | 0   | 0  | 0   | 39 | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6793   | chr19      | 10939649 | 10939711 + | 0 | 0  | 64  | 0  | 27  | 23 | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6794   | chr19      | 12963074 | 12963141 + | 0 | 0  | 0   | 0  | 0   | 0  | 36  | 0  | 0   | 0   | miRNA |
| hsa-mir-6800   | chr19      | 50335275 | 50335356 + | 0 | 0  | 1   | 0  | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6802   | chr19      | 55751280 | 55751344 - | 0 | 0  | 53  | 2  | 9   | 0  | 1   | 0  | 0   | 0   | miRNA |
| hsa-mir-6804   | chr19      | 55742253 | 55742320 - | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 43  | 0   | miRNA |
| hsa-mir-6805   | chr19      | 55899549 | 55899610 + | 0 | 13 | 23  | 0  | 2   | 0  | 0   | 0  | 27  | 29  | miRNA |
| hsa-mir-6807   | chr19      | 59061652 | 59061743 + | 0 | 0  | 0   | 0  | 6   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6808   | chr1       | 1275030  | 1275088 -  | 0 | 0  | 0   | 0  | 1   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6810   | chr2       | 2.19E+08 | 2.19E+08 + | 0 | 0  | 0   | 0  | 25  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6812   | chr20      | 44054150 | 44054213 + | 0 | 0  | 0   | 0  | 0   | 0  | 31  | 0  | 0   | 0   | miRNA |
| hsa-mir-6813   | chr20      | 62708308 | 62708363 - | 0 | 0  | 10  | 0  | 30  | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6815   | chr21      | 46898180 | 46898240 + | 0 | 0  | 1   | 0  | 0   | 0  | 0   | 0  | 0   | 0   | miRNA |
| hsa-mir-6817   | chr22      | 25851613 | 25851678 + | 0 | 0  | 0   | 0  | 0   | 0  | 0   | 0  | 1   | 0   | miRNA |
| hsa-mir-6819   | chr22      | 36682893 | 36682953 - | 0 | 0  | 16  | 0  | 6   | 0  | 0   | 1  | 0   | 0   | miRNA |



|              |       |          |          |   |   |    |    |   |    |   |    |   |    |    |       |
|--------------|-------|----------|----------|---|---|----|----|---|----|---|----|---|----|----|-------|
| hsa-mir-95   | chr4  | 8007028  | 8007108  | - | 0 | 0  | 37 | 0 | 27 | 0 | 0  | 0 | 17 | 46 | miRNA |
| hsa-mir-9500 | chr2  | 2.2E+08  | 2.2E+08  | + | 0 | 0  | 0  | 0 | 8  | 0 | 0  | 0 | 0  | 0  | miRNA |
| hsa-mir-96   | chr7  | 1.29E+08 | 1.29E+08 | - | 0 | 0  | 1  | 0 | 10 | 0 | 61 | 0 | 24 | 0  | miRNA |
| hsa-mir-9903 | chr8  | 99405873 | 99405966 | - | 0 | 0  | 0  | 0 | 6  | 0 | 0  | 0 | 0  | 0  | miRNA |
| hsa-mir-9985 | chrY  | 4474161  | 4474269  | + | 0 | 18 | 18 | 0 | 4  | 0 | 2  | 0 | 0  | 1  | miRNA |
| hsa-mir-99a  | chr21 | 17911409 | 17911489 | + | 0 | 0  | 39 | 0 | 0  | 0 | 39 | 1 | 24 | 0  | miRNA |

Supplementary Table-3: mi-RNAs associated with mitochondrial biogenesis:

| Common Identified mi-RNA in our List vs mi-RNA Data Base |
|----------------------------------------------------------|
| hsa-miR-16-5p                                            |
| hsa-miR-22-3p                                            |
| hsa-miR-340-5p                                           |
| hsa-miR-15b-5p                                           |
| hsa-miR-182-5p                                           |
| hsa-miR-203a-3p                                          |
| hsa-miR-433-3p                                           |
| hsa-miR-1291-5p                                          |
| hsa-miR-1291                                             |
| hsa-miR-323a-3p                                          |
| hsa-miR-200a-3p                                          |
| hsa-miR-6876-3p                                          |
| hsa-miR-1185-1-3p                                        |
| hsa-miR-1185-2-3p                                        |
| hsa-miR-132-3p                                           |
| hsa-miR-16-1-3p                                          |
| hsa-miR-181c-3p                                          |
| hsa-miR-195-5p                                           |
| hsa-miR-26b-3p                                           |
| hsa-miR-3120-3p                                          |
| hsa-miR-3146                                             |
| hsa-miR-3158-3p                                          |
| hsa-miR-34a-3p                                           |
| hsa-miR-362-3p                                           |
| hsa-miR-424-5p                                           |
| hsa-miR-4712-3p                                          |
| hsa-miR-4746-3p                                          |
| hsa-miR-497-5p                                           |
| hsa-miR-5001-3p                                          |
| hsa-miR-503-5p                                           |
| hsa-miR-6762-3p                                          |
| hsa-miR-6813-5p                                          |
| hsa-miR-6826-5p                                          |
| hsa-miR-6838-5p                                          |
| hsa-miR-885-5p                                           |
| hsa-miR-3146                                             |
| hsa-miR-5696                                             |