

| Table S6. Average of miRNAs in normal samples |                  |                    |        |
|---|------------------|--------------------|--------|
| miR   | Sample Frequency | Average Expression | Type   |
| hsa-let-7a-2-3p                               | 341              | 9.69930833         | Others |
| hsa-let-7a-3p                                 | 389              | 101.3585922        | Others |
| hsa-let-7a-5p                                 | 399              | 51399.66994        | Others |
| hsa-let-7b-3p                                 | 390              | 133.1229594        | Others |
| hsa-let-7b-5p                                 | 399              | 5402.128124        | Others |
| hsa-let-7c-3p                                 | 275              | 7.546473065        | Others |
| hsa-let-7c-5p                                 | 399              | 1622.181068        | Others |
| hsa-let-7d-3p                                 | 399              | 274.0739463        | Others |
| hsa-let-7d-5p                                 | 399              | 1617.532203        | Others |
| hsa-let-7e-3p                                 | 376              | 24.23152978        | Others |
| hsa-let-7e-5p                                 | 399              | 3751.298704        | Others |
| hsa-let-7f-1-3p                               | 380              | 32.2570405         | Others |
| hsa-let-7f-2-3p                               | 385              | 27.9151465         | Others |
| hsa-let-7f-5p                                 | 399              | 30100.38566        | Others |
| hsa-let-7g-3p                                 | 359              | 10.77628675        | Others |
| hsa-let-7g-5p                                 | 399              | 6972.69882         | Others |
| hsa-let-7i-3p                                 | 385              | 43.32923174        | Others |
| hsa-let-7i-5p                                 | 399              | 11604.10397        | Others |
| hsa-miR-1-3p                                  | 109              | 13.24242531        | Others |
| hsa-miR-1-5p                                  | 9                | 2.260521889        | Others |
| hsa-miR-100-3p                                | 326              | 184.7066254        | Others |
| hsa-miR-100-5p                                | 398              | 113921.9132        | Others |
| hsa-miR-101-3p                                | 399              | 2851.293918        | Others |
| hsa-miR-101-5p                                | 324              | 10.82247732        | Others |
| hsa-miR-103a-2-                               | 357              | 2.483999253        | Others |
| hsa-miR-103a-3p                               | 399              | 5130.045404        | Others |
| hsa-miR-105-3p                                | 41               | 15.38442346        | Others |
| hsa-miR-105-5p                                | 80               | 25.97678546        | Others |
| hsa-miR-106a-3p                               | 45               | 2.133985867        | Others |
| hsa-miR-106a-5p                               | 399              | 23.12110263        | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-106b-3p | 399 | 273.5049862  | Others |
| hsa-miR-106b-5p | 399 | 280.1901032  | Others |
| hsa-miR-107     | 399 | 185.6372066  | Others |
| hsa-miR-10a-3p  | 287 | 27.80490669  | Others |
| hsa-miR-10a-5p  | 399 | 33625.12773  | Others |
| hsa-miR-10b-3p  | 192 | 16.50443779  | Others |
| hsa-miR-10b-5p  | 399 | 41077.80075  | Others |
| hsa-miR-1178-3p | 5   | 0.3973638    | Others |
| hsa-miR-1178-5p | 2   | 2.289385     | Others |
| hsa-miR-1179    | 181 | 2.909595398  | Others |
| hsa-miR-1180-3p | 389 | 53.2346274   | Others |
| hsa-miR-1180-5p | 130 | 1.599999438  | Others |
| hsa-miR-1181    | 30  | 1.342515133  | Others |
| hsa-miR-1181-3p | 47  | 1.774368745  | Others |
| hsa-miR-1185-1- | 313 | 69.57724303  | Others |
| hsa-miR-1185-2- | 313 | 8.848061565  | Others |
| hsa-miR-1185-5p | 297 | 35.15367072  | Others |
| hsa-miR-1193    | 43  | 1.105445535  | Others |
| hsa-miR-1193-3p | 69  | 2.115240971  | Others |
| hsa-miR-1197    | 281 | 27.11590874  | Others |
| hsa-miR-1199-3p | 1   | 0.741915     | Others |
| hsa-miR-1199-5p | 19  | 0.6870378421 | Others |
| hsa-miR-1204    | 7   | 0.4646827875 | Others |
| hsa-miR-1205    | 2   | 7.225365     | Others |
| hsa-miR-1206    | 1   | 8.64596      | Others |
| hsa-miR-1207-5p | 1   | 0.763836     | Others |
| hsa-miR-1208    | 1   | 0.798218     | Others |
| hsa-miR-122-3p  | 29  | 109.7704211  | Others |
| hsa-miR-122-5p  | 182 | 2014.640767  | Others |
| hsa-miR-1224-3p | 14  | 6.870075571  | Others |
| hsa-miR-1224-5p | 54  | 3.295929056  | Others |

|                  |     |              |           |
|------------------|-----|--------------|-----------|
| hsa-miR-1225-3p  | 11  | 1.243310636  | Others    |
| hsa-miR-1225-5p  | 5   | 0.7587872    | Others    |
| hsa-miR-1226-3p  | 388 | 14.84454309  | Others    |
| hsa-miR-1226-5p  | 119 | 1.387680261  | Others    |
| hsa-miR-1227-3p  | 314 | 4.355899576  | Others    |
| hsa-miR-1228-3p  | 234 | 5.18162291   | Others    |
| hsa-miR-1228-5p  | 91  | 1.759724582  | Others    |
| hsa-miR-1229-3p  | 273 | 3.033915723  | Others    |
| hsa-miR-1229-5p  | 15  | 1.855039667  | Others    |
| hsa-miR-1231     | 13  | 1.675606077  | Others    |
| hsa-miR-1231-3p  | 78  | 1.566921205  | Others    |
| hsa-miR-1233-3p  | 222 | 1.92226164   | Others    |
| hsa-miR-1233-5p  | 6   | 0.5037395    | Others    |
| hsa-miR-1236-3p  | 57  | 1.237158344  | Others    |
| hsa-miR-1236-5p  | 8   | 0.530617625  | Others    |
| hsa-miR-1237-3p  | 272 | 2.848867482  | Others    |
| hsa-miR-1237-5p  | 34  | 1.649339176  | Others    |
| hsa-miR-1238-3p  | 19  | 1.400712842  | Others    |
| hsa-miR-124-3p   | 118 | 162.2990618  | Others    |
| hsa-miR-124-5p   | 36  | 10.11276403  | Others    |
| hsa-miR-1243     | 83  | 2.841317952  | Others    |
| hsa-miR-1244     | 51  | 1.985828157  | retro-miR |
| hsa-miR-1244-4p  | 25  | 0.718121788  | Others    |
| hsa-miR-1245a    | 117 | 2.412535795  | Others    |
| hsa-miR-1245a-5p | 158 | 4.529769475  | Others    |
| hsa-miR-1245b-3p | 57  | 1.058513649  | Others    |
| hsa-miR-1245b-5p | 37  | 1.146333351  | Others    |
| hsa-miR-1246     | 314 | 0.1091111603 | Others    |
| hsa-miR-1247-3p  | 89  | 10.77625074  | Others    |
| hsa-miR-1247-5p  | 138 | 71.59906339  | Others    |
| hsa-miR-1248     | 203 | 6.227616598  | Others    |

|                   |     |              |        |
|-------------------|-----|--------------|--------|
| hsa-miR-1249-3p   | 389 | 20.63413938  | Others |
| hsa-miR-1249-5p   | 58  | 1.225401948  | Others |
| hsa-miR-1250-3p   | 1   | 0.249354     | Others |
| hsa-miR-1250-5p   | 43  | 1.479999163  | Others |
| hsa-miR-1251-3p   | 6   | 1.138191167  | Others |
| hsa-miR-1251-5p   | 52  | 8.719202385  | Others |
| hsa-miR-1252-3p   | 6   | 0.4532036667 | Others |
| hsa-miR-1252-5p   | 156 | 2.076527583  | Others |
| hsa-miR-1253      | 8   | 1.73037275   | Others |
| hsa-miR-1254      | 361 | 7.494931366  | Others |
| hsa-miR-1255a     | 295 | 4.853829     | Others |
| hsa-miR-1255b-5p  | 17  | 1.336057706  | Others |
| hsa-miR-1256      | 65  | 1.2314246    | Others |
| hsa-miR-1256-3p   | 228 | 2.005517899  | Others |
| hsa-miR-1257      | 192 | 25.81170009  | Others |
| hsa-miR-1258      | 9   | 1.163589889  | Others |
| hsa-miR-125a-3p   | 393 | 40.2924905   | Others |
| hsa-miR-125a-5p   | 399 | 11922.63171  | Others |
| hsa-miR-125b-1-3p | 357 | 1014.241158  | Others |
| hsa-miR-125b-2-3p | 389 | 306.7938315  | Others |
| hsa-miR-125b-5p   | 398 | 13994.40025  | Others |
| hsa-miR-126-3p    | 388 | 1973.890625  | Others |
| hsa-miR-126-5p    | 392 | 7291.948926  | Others |
| hsa-miR-1260a     | 387 | 21.42050669  | Others |
| hsa-miR-1260b     | 380 | 9.774149903  | Others |
| hsa-miR-1261      | 6   | 0.1493122333 | Others |
| hsa-miR-1262      | 287 | 4.897386983  | Others |
| hsa-miR-1263      | 5   | 11.02735     | Others |
| hsa-miR-1264      | 20  | 3.37516805   | Others |
| hsa-miR-1265      | 16  | 1.409415938  | Others |
| hsa-miR-1266-3p   | 24  | 0.6548189583 | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-1266-5p | 116 | 11.76574879  | Others |
| hsa-miR-1267    | 101 | 1.884358495  | Others |
| hsa-miR-1268a   | 5   | 0.8218696    | Others |
| hsa-miR-1268b   | 5   | 0.7845952    | Others |
| hsa-miR-1269a   | 108 | 65.10650478  | Others |
| hsa-miR-1269b   | 106 | 0.7432535519 | Others |
| hsa-miR-127-3p  | 399 | 20762.69898  | Others |
| hsa-miR-127-5p  | 323 | 95.6359579   | Others |
| hsa-miR-1270    | 277 | 7.927904105  | Others |
| hsa-miR-1271-3p | 91  | 2.976410451  | Others |
| hsa-miR-1271-5p | 391 | 284.546846   | Others |
| hsa-miR-1272    | 14  | 44.25842636  | Others |
| hsa-miR-1273a   | 4   | 1.595197     | Others |
| hsa-miR-1273c   | 138 | 1.464317899  | Others |
| hsa-miR-1273c-3 | 59  | 1.613089407  | Others |
| hsa-miR-1273d   | 47  | 1.116681511  | Others |
| hsa-miR-1273h-3 | 67  | 20.04937094  | Others |
| hsa-miR-1273h-5 | 12  | 0.8170981667 | Others |
| hsa-miR-1275    | 64  | 1.733321625  | Others |
| hsa-miR-1276    | 346 | 9.275367179  | Others |
| hsa-miR-1277-3p | 142 | 1.581013472  | Others |
| hsa-miR-1277-5p | 204 | 6.550013127  | Others |
| hsa-miR-1278    | 208 | 1.628660372  | Others |
| hsa-miR-1278-5p | 52  | 1.110622231  | Others |
| hsa-miR-128-1-5 | 390 | 26.56054758  | Others |
| hsa-miR-128-2-5 | 52  | 6.002896115  | Others |
| hsa-miR-128-3p  | 399 | 981.1413028  | Others |
| hsa-miR-1281    | 2   | 3.729175     | Others |
| hsa-miR-1282    | 1   | 0.379531     | Others |
| hsa-miR-1283    | 77  | 27.15339196  | Others |
| hsa-miR-1283-2- | 43  | 18.05420847  | Others |

|                   |     |               |        |
|-------------------|-----|---------------|--------|
| hsa-miR-1284      | 213 | 2.661632333   | Others |
| hsa-miR-1285-3p   | 363 | 26.64916158   | Others |
| hsa-miR-1285-5p   | 5   | 1.3799188     | Others |
| hsa-miR-1286      | 157 | 7.667502      | Others |
| hsa-miR-1287-3p   | 37  | 1.514605973   | Others |
| hsa-miR-1287-5p   | 325 | 7.260495394   | Others |
| hsa-miR-1288-3p   | 32  | 0.9356834781  | Others |
| hsa-miR-1288-5p   | 22  | 0.9199686818  | Others |
| hsa-miR-1289      | 60  | 0.7582205167  | Others |
| hsa-miR-1289-1-3p | 133 | 1.227749556   | Others |
| hsa-miR-129-1-3p  | 263 | 1.575646622   | Others |
| hsa-miR-129-2-3p  | 266 | 17.14214863   | Others |
| hsa-miR-129-5p    | 241 | 21.58097018   | Others |
| hsa-miR-1290      | 141 | 0.01172496191 | Others |
| hsa-miR-1291      | 228 | 3.382109453   | Others |
| hsa-miR-1292-3p   | 92  | 1.779470804   | Others |
| hsa-miR-1292-5p   | 233 | 2.211445215   | Others |
| hsa-miR-1293      | 218 | 6.960957963   | Others |
| hsa-miR-1293-3p   | 299 | 14.27731788   | Others |
| hsa-miR-1294      | 281 | 2.78817026    | Others |
| hsa-miR-1295a     | 54  | 0.9752857778  | Others |
| hsa-miR-1295b-3p  | 3   | 0.454784      | Others |
| hsa-miR-1295b-5p  | 9   | 6.223094556   | Others |
| hsa-miR-1296-3p   | 117 | 1.467754585   | Others |
| hsa-miR-1296-5p   | 395 | 95.77644163   | Others |
| hsa-miR-1297      | 14  | 0.02808131138 | Others |
| hsa-miR-1298-3p   | 26  | 23.22324969   | Others |
| hsa-miR-1298-5p   | 77  | 97.63570771   | Others |
| hsa-miR-1299      | 126 | 3.618216595   | Others |
| hsa-miR-1301-3p   | 397 | 89.11136244   | Others |
| hsa-miR-1301-5p   | 30  | 1.140302633   | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-1302    | 45  | 0.8762730222 | Others |
| hsa-miR-1303    | 295 | 13.01876662  | Others |
| hsa-miR-1304-3p | 399 | 125.0264012  | Others |
| hsa-miR-1304-5p | 348 | 5.882806489  | Others |
| hsa-miR-1305    | 183 | 6.141864087  | Others |
| hsa-miR-1306-3p | 293 | 2.65030486   | Others |
| hsa-miR-1306-5p | 359 | 8.297043535  | Others |
| hsa-miR-1307-3p | 399 | 268.3750933  | Others |
| hsa-miR-1307-5p | 398 | 683.6662198  | Others |
| hsa-miR-130a-3p | 399 | 1939.812467  | Others |
| hsa-miR-130a-5p | 264 | 5.342975652  | Others |
| hsa-miR-130b-3p | 399 | 720.557412   | Others |
| hsa-miR-130b-5p | 399 | 236.9143433  | Others |
| hsa-miR-132-3p  | 398 | 165.8062778  | Others |
| hsa-miR-132-5p  | 382 | 20.89056157  | Others |
| hsa-miR-1322    | 111 | 1.795348963  | Others |
| hsa-miR-1323    | 67  | 422.0435504  | Others |
| hsa-miR-133a-3p | 268 | 197.1734138  | Others |
| hsa-miR-133a-5p | 33  | 14.48819094  | Others |
| hsa-miR-133b    | 153 | 3.541859487  | Others |
| hsa-miR-134-3p  | 210 | 4.526334429  | Others |
| hsa-miR-134-5p  | 340 | 174.2387118  | Others |
| hsa-miR-1343-3p | 374 | 10.83398745  | Others |
| hsa-miR-1343-5p | 46  | 1.843758087  | Others |
| hsa-miR-135a-3p | 41  | 2.995396268  | Others |
| hsa-miR-135a-5p | 258 | 10.21144576  | Others |
| hsa-miR-135b-3p | 155 | 8.183405826  | Others |
| hsa-miR-135b-5p | 259 | 22.53643232  | Others |
| hsa-miR-136-3p  | 361 | 839.6121462  | Others |
| hsa-miR-136-5p  | 323 | 165.9813524  | Others |
| hsa-miR-137     | 270 | 27.12143061  | Others |

|                 |     |               |        |
|-----------------|-----|---------------|--------|
| hsa-miR-138-1-3 | 256 | 19.48305328   | Others |
| hsa-miR-138-2-3 | 55  | 0.8986811673  | Others |
| hsa-miR-138-5p  | 385 | 1189.814644   | Others |
| hsa-miR-139-3p  | 83  | 12.2290541    | Others |
| hsa-miR-139-5p  | 243 | 51.28733558   | Others |
| hsa-miR-140-3p  | 399 | 1760.381835   | Others |
| hsa-miR-140-5p  | 385 | 50.70355151   | Others |
| hsa-miR-141-3p  | 332 | 3143.284419   | Others |
| hsa-miR-141-5p  | 161 | 155.904508    | Others |
| hsa-miR-142-3p  | 195 | 1195.500539   | Others |
| hsa-miR-142-5p  | 346 | 7507.45401    | Others |
| hsa-miR-143-3p  | 399 | 24016.27384   | Others |
| hsa-miR-143-5p  | 265 | 57.0692496    | Others |
| hsa-miR-144-3p  | 98  | 14.21579719   | Others |
| hsa-miR-144-5p  | 153 | 12.76996      | Others |
| hsa-miR-145-3p  | 330 | 187.6986524   | Others |
| hsa-miR-145-5p  | 349 | 408.5490505   | Others |
| hsa-miR-1468-3p | 1   | 2.15663       | Others |
| hsa-miR-1468-5p | 383 | 22.77886013   | Others |
| hsa-miR-1469    | 11  | 1.521100545   | Others |
| hsa-miR-146a-3p | 152 | 14.99831467   | Others |
| hsa-miR-146a-5p | 392 | 3773.30834    | Others |
| hsa-miR-146b-3p | 370 | 97.21599984   | Others |
| hsa-miR-146b-5p | 399 | 5548.998465   | Others |
| hsa-miR-147a    | 263 | 0.01143810307 | Others |
| hsa-miR-147b    | 277 | 7.902148769   | Others |
| hsa-miR-148a-3p | 399 | 11333.96303   | Others |
| hsa-miR-148a-5p | 394 | 190.5505514   | Others |
| hsa-miR-148b-3p | 399 | 1599.267125   | Others |
| hsa-miR-148b-5p | 396 | 131.6309137   | Others |
| hsa-miR-149-3p  | 107 | 1.951552364   | Others |



|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-149-5p  | 395 | 491.6732782  | Others |
| hsa-miR-150-3p  | 45  | 93.64113989  | Others |
| hsa-miR-150-5p  | 301 | 10602.07122  | Others |
| hsa-miR-151a-3p | 399 | 6630.052148  | Others |
| hsa-miR-151a-5p | 399 | 6543.982985  | Others |
| hsa-miR-151b    | 399 | 14.53287081  | Others |
| hsa-miR-152-3p  | 398 | 278.7958159  | Others |
| hsa-miR-152-5p  | 389 | 40.92609976  | Others |
| hsa-miR-153-3p  | 230 | 9.3796923    | Others |
| hsa-miR-153-5p  | 49  | 3.252664224  | Others |
| hsa-miR-1537-3p | 91  | 3.164635264  | Others |
| hsa-miR-1537-5p | 60  | 1.36505335   | Others |
| hsa-miR-1538    | 255 | 2.793213102  | Others |
| hsa-miR-1539    | 8   | 0.73855325   | Others |
| hsa-miR-154-3p  | 233 | 6.32527715   | Others |
| hsa-miR-154-5p  | 288 | 20.24521873  | Others |
| hsa-miR-155-3p  | 122 | 5.1807795    | Others |
| hsa-miR-155-5p  | 394 | 2897.683043  | Others |
| hsa-miR-1587    | 11  | 0.2418424909 | Others |
| hsa-miR-15a-3p  | 166 | 1.468212295  | Others |
| hsa-miR-15a-5p  | 399 | 600.2889125  | Others |
| hsa-miR-15b-3p  | 397 | 88.02310107  | Others |
| hsa-miR-15b-5p  | 399 | 461.1617318  | Others |
| hsa-miR-16-1-3p | 268 | 2.905715254  | Others |
| hsa-miR-16-2-3p | 398 | 103.5726114  | Others |
| hsa-miR-16-5p   | 399 | 6456.310301  | Others |
| hsa-miR-17-3p   | 399 | 165.6050009  | Others |
| hsa-miR-17-5p   | 399 | 584.0162805  | Others |
| hsa-miR-181a-2- | 397 | 625.431079   | Others |
| hsa-miR-181a-3p | 398 | 555.9112859  | Others |
| hsa-miR-181a-5p | 399 | 21857.48235  | Others |

|                 |     |                |        |
|-----------------|-----|----------------|--------|
| hsa-miR-181b-2- | 359 | 4.102113579    | Others |
| hsa-miR-181b-3p | 358 | 17.91252908    | Others |
| hsa-miR-181b-5p | 399 | 2931.448615    | Others |
| hsa-miR-181c-3p | 397 | 122.1529592    | Others |
| hsa-miR-181c-5p | 399 | 783.4742531    | Others |
| hsa-miR-181d-3p | 119 | 1.443590597    | Others |
| hsa-miR-181d-5p | 399 | 137.1600255    | Others |
| hsa-miR-182-3p  | 91  | 4.753076714    | Others |
| hsa-miR-182-5p  | 395 | 7549.92553     | Others |
| hsa-miR-1825    | 6   | 0.8559405      | Others |
| hsa-miR-1827    | 157 | 0.003981252766 | Others |
| hsa-miR-183-3p  | 177 | 34.43382356    | Others |
| hsa-miR-183-5p  | 368 | 1992.731561    | Others |
| hsa-miR-184     | 183 | 95.91990884    | Others |
| hsa-miR-185-3p  | 391 | 12.02433246    | Others |
| hsa-miR-185-5p  | 395 | 72.38302203    | Others |
| hsa-miR-186-3p  | 251 | 3.170291295    | Others |
| hsa-miR-186-5p  | 399 | 5579.952411    | Others |
| hsa-miR-187-3p  | 199 | 43.97945605    | Others |
| hsa-miR-187-5p  | 25  | 3.9390942      | Others |
| hsa-miR-188-3p  | 259 | 3.484785425    | Others |
| hsa-miR-188-5p  | 376 | 18.07071172    | Others |
| hsa-miR-18a-3p  | 392 | 38.66872724    | Others |
| hsa-miR-18a-5p  | 388 | 91.66927593    | Others |
| hsa-miR-18b-3p  | 59  | 26.38816235    | Others |
| hsa-miR-18b-5p  | 388 | 3.689986428    | Others |
| hsa-miR-1908-3p | 318 | 12.57453752    | Others |
| hsa-miR-1908-5p | 358 | 16.99574293    | Others |
| hsa-miR-1909-3p | 72  | 1.606059903    | Others |
| hsa-miR-1909-5p | 69  | 1.124160609    | Others |
| hsa-miR-190a-3p | 191 | 2.674696515    | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-190a-5p | 380 | 77.49587083  | Others |
| hsa-miR-190b    | 289 | 5.536113564  | Others |
| hsa-miR-191-3p  | 391 | 18.70923188  | Others |
| hsa-miR-191-5p  | 399 | 27426.57972  | Others |
| hsa-miR-1910-3p | 153 | 2.240837137  | Others |
| hsa-miR-1910-5p | 355 | 31.97103163  | Others |
| hsa-miR-1911-3p | 28  | 5.663165786  | Others |
| hsa-miR-1911-5p | 54  | 7.869759981  | Others |
| hsa-miR-1912    | 19  | 14.73308858  | Others |
| hsa-miR-1913    | 180 | 2.322559606  | Others |
| hsa-miR-1914-3p | 35  | 0.6651021714 | Others |
| hsa-miR-1914-5p | 201 | 2.747610557  | Others |
| hsa-miR-1915-3p | 30  | 1.8652417    | Others |
| hsa-miR-1915-5p | 81  | 2.466350691  | Others |
| hsa-miR-192-3p  | 93  | 3.710746462  | Others |
| hsa-miR-192-5p  | 399 | 4245.155166  | Others |
| hsa-miR-193a-3p | 387 | 631.3762329  | Others |
| hsa-miR-193a-5p | 398 | 302.36995    | Others |
| hsa-miR-193b-3p | 397 | 636.064757   | Others |
| hsa-miR-193b-5p | 356 | 13.98677871  | Others |
| hsa-miR-194-3p  | 107 | 4.63636186   | Others |
| hsa-miR-194-5p  | 386 | 100.2821766  | Others |
| hsa-miR-195-3p  | 286 | 11.59356127  | Others |
| hsa-miR-195-5p  | 392 | 79.42209048  | Others |
| hsa-miR-196a-3p | 183 | 30.4294078   | Others |
| hsa-miR-196a-5p | 318 | 202.4525235  | Others |
| hsa-miR-196b-3p | 144 | 2.380206521  | Others |
| hsa-miR-196b-5p | 318 | 144.8233777  | Others |
| hsa-miR-197-3p  | 399 | 686.0983759  | Others |
| hsa-miR-197-5p  | 273 | 2.903306333  | Others |
| hsa-miR-1972-1- | 3   | 0.654421     | Others |

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|-----------------|-----|---------------|--------|
| hsa-miR-1973    | 206 | 0.07743504481 | Others |
| hsa-miR-1976    | 199 | 7.112459879   | Others |
| hsa-miR-198     | 5   | 2.1183798     | Others |
| hsa-miR-199a-3p | 395 | 5568.391574   | Others |
| hsa-miR-199a-5p | 377 | 2070.851954   | Others |
| hsa-miR-199b-3p | 395 | 2415.743507   | Others |
| hsa-miR-199b-5p | 379 | 2060.036128   | Others |
| hsa-miR-19a-3p  | 399 | 216.3989148   | Others |
| hsa-miR-19a-5p  | 278 | 6.400838176   | Others |
| hsa-miR-19b-1-5 | 247 | 2.950212093   | Others |
| hsa-miR-19b-2-5 | 48  | 0.292059811   | Others |
| hsa-miR-19b-3p  | 399 | 616.9823663   | Others |
| hsa-miR-200a-3p | 329 | 214.874201    | Others |
| hsa-miR-200a-5p | 135 | 37.93217513   | Others |
| hsa-miR-200b-3p | 367 | 1285.974055   | Others |
| hsa-miR-200b-5p | 128 | 19.00696205   | Others |
| hsa-miR-200c-3p | 315 | 791.1789382   | Others |
| hsa-miR-200c-5p | 89  | 10.47836843   | Others |
| hsa-miR-202-3p  | 24  | 62.31715596   | Others |
| hsa-miR-202-5p  | 26  | 28.11070558   | Others |
| hsa-miR-203a-3p | 265 | 932.4409093   | Others |
| hsa-miR-203a-5p | 72  | 10.26052836   | Others |
| hsa-miR-203b-3p | 60  | 4.129087417   | Others |
| hsa-miR-203b-5p | 4   | 0.38302875    | Others |
| hsa-miR-204-3p  | 55  | 6.978850618   | Others |
| hsa-miR-204-5p  | 363 | 1086.449912   | Others |
| hsa-miR-205-3p  | 55  | 41.82848093   | Others |
| hsa-miR-205-5p  | 253 | 11106.0826    | Others |
| hsa-miR-206     | 35  | 321.3919431   | Others |
| hsa-miR-208a-3p | 4   | 0.7324279853  | Others |
| hsa-miR-208a-5p | 2   | 0.440267      | Others |

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| hsa-miR-208b-3p | 56  | 5.114529679  | Others |
| hsa-miR-20a-3p  | 337 | 7.434448807  | Others |
| hsa-miR-20a-5p  | 399 | 710.7124231  | Others |
| hsa-miR-20b-3p  | 59  | 13.49828434  | Others |
| hsa-miR-20b-5p  | 355 | 100.9987936  | Others |
| hsa-miR-21-3p   | 399 | 8213.450197  | Others |
| hsa-miR-21-5p   | 399 | 85734.94269  | Others |
| hsa-miR-210-3p  | 399 | 310.7177929  | Others |
| hsa-miR-210-5p  | 384 | 29.89434574  | Others |
| hsa-miR-211-3p  | 11  | 15.09413391  | Others |
| hsa-miR-211-5p  | 172 | 418.2224006  | Others |
| hsa-miR-2110    | 385 | 9.8548522    | Others |
| hsa-miR-2110-3p | 393 | 18.42186592  | Others |
| hsa-miR-2113    | 25  | 11.49124385  | Others |
| hsa-miR-2114-3p | 137 | 4.976139715  | Others |
| hsa-miR-2114-5p | 173 | 6.38484778   | Others |
| hsa-miR-2115-3p | 42  | 5.221084833  | Others |
| hsa-miR-2115-5p | 21  | 4.175269476  | Others |
| hsa-miR-2116-3p | 358 | 10.1692997   | Others |
| hsa-miR-2116-5p | 214 | 1.937088393  | Others |
| hsa-miR-2117-5p | 3   | 0.8840703333 | Others |
| hsa-miR-212-3p  | 376 | 20.87321354  | Others |
| hsa-miR-212-5p  | 380 | 38.61143721  | Others |
| hsa-miR-214-3p  | 312 | 302.3850217  | Others |
| hsa-miR-214-5p  | 278 | 111.2013552  | Others |
| hsa-miR-215-3p  | 20  | 11.9815343   | Others |
| hsa-miR-215-5p  | 394 | 115.7348673  | Others |
| hsa-miR-216a-3p | 118 | 46.22399146  | Others |
| hsa-miR-216a-5p | 143 | 22.0679935   | Others |
| hsa-miR-216b-3p | 74  | 3.126122292  | Others |
| hsa-miR-216b-5p | 109 | 8.395905009  | Others |

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|-----------------|-----|--------------|--------|
| hsa-miR-217     | 114 | 33.5490784   | Others |
| hsa-miR-218-1-3 | 317 | 25.85961102  | Others |
| hsa-miR-218-2-3 | 147 | 0.5501793033 | Others |
| hsa-miR-218-5p  | 372 | 83.75464045  | Others |
| hsa-miR-219a-1- | 352 | 6.431720344  | Others |
| hsa-miR-219a-2- | 32  | 136.9382153  | Others |
| hsa-miR-219a-5p | 224 | 2.782834321  | Others |
| hsa-miR-219b-3p | 224 | 4.807490763  | Others |
| hsa-miR-219b-5p | 202 | 2.00637452   | Others |
| hsa-miR-22-3p   | 399 | 79222.67835  | Others |
| hsa-miR-22-5p   | 396 | 91.92124371  | Others |
| hsa-miR-221-3p  | 399 | 8833.266077  | Others |
| hsa-miR-221-5p  | 398 | 860.8748245  | Others |
| hsa-miR-222-3p  | 399 | 14457.6072   | Others |
| hsa-miR-222-5p  | 379 | 61.0068702   | Others |
| hsa-miR-223-3p  | 163 | 3227.202269  | Others |
| hsa-miR-223-5p  | 50  | 48.51872474  | Others |
| hsa-miR-224-3p  | 273 | 7.43256548   | Others |
| hsa-miR-224-5p  | 374 | 765.5244856  | Others |
| hsa-miR-2276-3p | 149 | 2.84700147   | Others |
| hsa-miR-2276-5p | 27  | 0.7765128889 | Others |
| hsa-miR-2277-3p | 283 | 3.258642505  | Others |
| hsa-miR-2277-5p | 388 | 15.55399306  | Others |
| hsa-miR-2278    | 141 | 1.586680064  | Others |
| hsa-miR-2355-3p | 343 | 4.903585848  | Others |
| hsa-miR-2355-5p | 383 | 26.24450184  | Others |
| hsa-miR-2392    | 15  | 0.3584080667 | Others |
| hsa-miR-23a-3p  | 399 | 2213.905281  | Others |
| hsa-miR-23a-5p  | 387 | 52.50670032  | Others |
| hsa-miR-23b-3p  | 399 | 1025.347839  | Others |
| hsa-miR-23b-5p  | 287 | 4.411192659  | Others |

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| hsa-miR-23c     | 398 | 0.7393842116   | Others |
| hsa-miR-24-1-5p | 305 | 4.309592927    | Others |
| hsa-miR-24-2-5p | 392 | 147.845661     | Others |
| hsa-miR-24-3p   | 399 | 1135.901213    | Others |
| hsa-miR-2467-3p | 40  | 0.91942205     | Others |
| hsa-miR-2467-5p | 386 | 20.25236245    | Others |
| hsa-miR-25-3p   | 399 | 3897.538343    | Others |
| hsa-miR-25-5p   | 394 | 33.20425332    | Others |
| hsa-miR-2681-3p | 14  | 2.121826571    | Others |
| hsa-miR-2681-5p | 19  | 1.534472526    | Others |
| hsa-miR-2682-3p | 209 | 6.950191086    | Others |
| hsa-miR-2682-5p | 266 | 17.3981265     | Others |
| hsa-miR-26a-1-3 | 317 | 4.608300376    | Others |
| hsa-miR-26a-2-3 | 377 | 24.30454622    | Others |
| hsa-miR-26a-5p  | 399 | 25904.75451    | Others |
| hsa-miR-26b-3p  | 390 | 42.65033103    | Others |
| hsa-miR-26b-5p  | 399 | 3040.450326    | Others |
| hsa-miR-27a-3p  | 399 | 4507.518597    | Others |
| hsa-miR-27a-5p  | 396 | 104.7119206    | Others |
| hsa-miR-27b-3p  | 399 | 24242.81582    | Others |
| hsa-miR-27b-5p  | 396 | 120.5845464    | Others |
| hsa-miR-28-3p   | 399 | 5401.715469    | Others |
| hsa-miR-28-5p   | 399 | 552.7809313    | Others |
| hsa-miR-2861    | 2   | 1.410394       | Others |
| hsa-miR-2909-3p | 282 | 0.008245784471 | Others |
| hsa-miR-296-3p  | 351 | 30.8250013     | Others |
| hsa-miR-296-5p  | 367 | 27.46174523    | Others |
| hsa-miR-297     | 2   | 2.64327        | Others |
| hsa-miR-298     | 3   | 3.039524667    | Others |
| hsa-miR-298-3p  | 31  | 1.307927839    | Others |
| hsa-miR-299-3p  | 314 | 91.01194935    | Others |

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| hsa-miR-299-5p  | 294 | 42.54708912  | Others |
| hsa-miR-29a-3p  | 399 | 8025.972505  | Others |
| hsa-miR-29a-5p  | 378 | 47.1144684   | Others |
| hsa-miR-29b-1-5 | 383 | 17.66983345  | Others |
| hsa-miR-29b-2-5 | 257 | 4.335192166  | Others |
| hsa-miR-29b-3p  | 393 | 446.8663022  | Others |
| hsa-miR-29c-3p  | 399 | 495.7244133  | Others |
| hsa-miR-29c-5p  | 362 | 21.01091946  | Others |
| hsa-miR-300     | 143 | 0.0156516654 | Others |
| hsa-miR-301a-3p | 393 | 648.6621295  | Others |
| hsa-miR-301a-5p | 330 | 6.288607624  | Others |
| hsa-miR-301b-3p | 394 | 120.8910974  | Others |
| hsa-miR-301b-5p | 167 | 2.648328677  | Others |
| hsa-miR-302a-3p | 74  | 4204.35228   | Others |
| hsa-miR-302a-5p | 85  | 3229.974271  | Others |
| hsa-miR-302b-3p | 89  | 3910.431933  | Others |
| hsa-miR-302b-5p | 16  | 64.57244475  | Others |
| hsa-miR-302c-3p | 94  | 2102.818679  | Others |
| hsa-miR-302c-5p | 30  | 1588.30855   | Others |
| hsa-miR-302d-3p | 108 | 3472.095705  | Others |
| hsa-miR-302d-5p | 18  | 339.3237064  | Others |
| hsa-miR-302e    | 42  | 0.7394968114 | Others |
| hsa-miR-3064-3p | 99  | 0.9969988788 | Others |
| hsa-miR-3064-5p | 135 | 1.2440214    | Others |
| hsa-miR-3065-3p | 282 | 7.506203262  | Others |
| hsa-miR-3065-5p | 265 | 7.818401894  | Others |
| hsa-miR-3074-3p | 169 | 1.862190763  | Others |
| hsa-miR-3074-5p | 272 | 3.493014268  | Others |
| hsa-miR-30a-3p  | 398 | 266.28293    | Others |
| hsa-miR-30a-5p  | 399 | 13165.00934  | Others |
| hsa-miR-30b-3p  | 343 | 9.133582251  | Others |



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|-----------------|-----|--------------|--------|
| hsa-miR-30b-5p  | 399 | 1020.177108  | Others |
| hsa-miR-30c-1-3 | 396 | 22.21884093  | Others |
| hsa-miR-30c-2-3 | 392 | 40.13264365  | Others |
| hsa-miR-30c-5p  | 399 | 3213.581554  | Others |
| hsa-miR-30d-3p  | 392 | 67.89687388  | Others |
| hsa-miR-30d-5p  | 399 | 8059.111624  | Others |
| hsa-miR-30e-3p  | 398 | 199.7544702  | Others |
| hsa-miR-30e-5p  | 399 | 5139.979835  | Others |
| hsa-miR-31-3p   | 337 | 181.2633521  | Others |
| hsa-miR-31-5p   | 387 | 7349.659624  | Others |
| hsa-miR-3115    | 77  | 0.8610145325 | Others |
| hsa-miR-3116    | 129 | 2.910793527  | Others |
| hsa-miR-3117-3p | 270 | 28.39183725  | Others |
| hsa-miR-3117-5p | 1   | 0.333893     | Others |
| hsa-miR-3118    | 8   | 0.295297875  | Others |
| hsa-miR-3119    | 3   | 1.938389887  | Others |
| hsa-miR-3120-3p | 57  | 1.493188386  | Others |
| hsa-miR-3120-5p | 16  | 0.5704444634 | Others |
| hsa-miR-3121-3p | 74  | 1.012469099  | Others |
| hsa-miR-3121-5p | 5   | 0.5459064    | Others |
| hsa-miR-3122    | 23  | 0.9009868261 | Others |
| hsa-miR-3124-3p | 16  | 3.883619125  | Others |
| hsa-miR-3124-5p | 65  | 0.8609805692 | Others |
| hsa-miR-3125    | 97  | 1.224816907  | Others |
| hsa-miR-3126-3p | 56  | 1.148433339  | Others |
| hsa-miR-3126-5p | 181 | 2.506039552  | Others |
| hsa-miR-3127-3p | 98  | 1.261515071  | Others |
| hsa-miR-3127-5p | 227 | 3.558654019  | Others |
| hsa-miR-3128    | 125 | 1.22178132   | Others |
| hsa-miR-3129-3p | 294 | 8.526999201  | Others |
| hsa-miR-3129-5p | 202 | 2.728541485  | Others |

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| hsa-miR-3130-3p  | 166 | 1.487049627     | Others |
| hsa-miR-3130-5p  | 272 | 2.646780511     | Others |
| hsa-miR-3131     | 59  | 2.215687915     | Others |
| hsa-miR-3132     | 7   | 1.779583857     | Others |
| hsa-miR-3132-3p  | 37  | 1.500663703     | Others |
| hsa-miR-3133     | 166 | 1.382105614     | Others |
| hsa-miR-3134     | 27  | 0.7770093333    | Others |
| hsa-miR-3135a    | 67  | 0.9340981343    | Others |
| hsa-miR-3135b    | 10  | 0.0001596808013 | Others |
| hsa-miR-3136-3p  | 6   | 0.4758383333    | Others |
| hsa-miR-3136-5p  | 193 | 1.766670948     | Others |
| hsa-miR-3137     | 10  | 0.8836588       | Others |
| hsa-miR-3138     | 209 | 2.034936986     | Others |
| hsa-miR-3138-5p  | 216 | 2.032479505     | Others |
| hsa-miR-3139     | 119 | 1.690463538     | Others |
| hsa-miR-3140-3p  | 138 | 1.447719833     | Others |
| hsa-miR-3140-5p  | 40  | 0.85587565      | Others |
| hsa-miR-3141     | 72  | 0.8180657083    | Others |
| hsa-miR-3142     | 41  | 0.365023439     | Others |
| hsa-miR-3142-5p  | 42  | 0.3893102619    | Others |
| hsa-miR-3143     | 177 | 2.481039599     | Others |
| hsa-miR-3144-3p  | 52  | 1.917420923     | Others |
| hsa-miR-3144-5p  | 63  | 1.903519206     | Others |
| hsa-miR-3145-3p  | 152 | 1.522395125     | Others |
| hsa-miR-3145-5p  | 155 | 1.479470832     | Others |
| hsa-miR-3146     | 37  | 0.9020275946    | Others |
| hsa-miR-3147     | 2   | 1.1419585       | Others |
| hsa-miR-3148     | 7   | 0.3920821429    | Others |
| hsa-miR-3148-3p  | 5   | 0.3931848       | Others |
| hsa-miR-3149     | 32  | 0.4506243125    | Others |
| hsa-miR-3150a-3p | 128 | 1.823394086     | Others |

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| hsa-miR-3150a-5p | 172 | 1.652343424  | Others |
| hsa-miR-3150b-3p | 110 | 5.110145125  | Others |
| hsa-miR-3150b-5p | 22  | 0.8149491855 | Others |
| hsa-miR-3151-3p  | 79  | 2.220559582  | Others |
| hsa-miR-3151-5p  | 32  | 1.191384656  | Others |
| hsa-miR-3152-3p  | 60  | 1.43200785   | Others |
| hsa-miR-3152-5p  | 238 | 15.3148295   | Others |
| hsa-miR-3153     | 2   | 4.004015     | Others |
| hsa-miR-3153-5p  | 41  | 1.549851146  | Others |
| hsa-miR-3154     | 76  | 1.756951539  | Others |
| hsa-miR-3155a    | 183 | 2.320692699  | Others |
| hsa-miR-3155b    | 25  | 0.1590819309 | Others |
| hsa-miR-3156-3p  | 15  | 0.6957314667 | Others |
| hsa-miR-3156-5p  | 9   | 0.316216     | Others |
| hsa-miR-3157-3p  | 232 | 2.199774307  | Others |
| hsa-miR-3157-5p  | 193 | 1.45152915   | Others |
| hsa-miR-3158-3p  | 389 | 16.72572922  | Others |
| hsa-miR-3158-5p  | 67  | 0.8450193433 | Others |
| hsa-miR-3159     | 167 | 1.359548838  | Others |
| hsa-miR-3160-3p  | 145 | 1.339974497  | Others |
| hsa-miR-3160-5p  | 16  | 0.3829088125 | Others |
| hsa-miR-3161     | 110 | 5.292284873  | Others |
| hsa-miR-3162-3p  | 16  | 1.227486125  | Others |
| hsa-miR-3162-5p  | 26  | 0.9650093462 | Others |
| hsa-miR-3163     | 139 | 1.996691165  | Others |
| hsa-miR-3164     | 27  | 0.8178066667 | Others |
| hsa-miR-3164-3p  | 58  | 0.8691167241 | Others |
| hsa-miR-3165     | 61  | 0.8534149508 | Others |
| hsa-miR-3166     | 58  | 2.666157276  | Others |
| hsa-miR-3167     | 74  | 1.590775581  | Others |
| hsa-miR-3168     | 343 | 10.40711875  | Others |

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|-----------------|-----|--------------|--------|
| hsa-miR-3170    | 35  | 1.336704057  | Others |
| hsa-miR-3170-3p | 118 | 1.563605415  | Others |
| hsa-miR-3171    | 20  | 1.7950816    | Others |
| hsa-miR-3173-3p | 96  | 1.333801385  | Others |
| hsa-miR-3173-5p | 294 | 3.806767656  | Others |
| hsa-miR-3174    | 282 | 3.513586085  | Others |
| hsa-miR-3175    | 169 | 1.780504053  | Others |
| hsa-miR-3176    | 384 | 24.17547086  | Others |
| hsa-miR-3177-3p | 292 | 4.118425445  | Others |
| hsa-miR-3177-5p | 146 | 1.326280877  | Others |
| hsa-miR-3178    | 18  | 1.482428333  | Others |
| hsa-miR-3178-3p | 10  | 1.4686941    | Others |
| hsa-miR-3179    | 84  | 1.304711833  | Others |
| hsa-miR-3180    | 274 | 3.044441841  | Others |
| hsa-miR-3180-3p | 274 | 4.579103471  | Others |
| hsa-miR-3180-5p | 134 | 1.8439033    | Others |
| hsa-miR-3181    | 128 | 1.454698648  | Others |
| hsa-miR-3182    | 2   | 1.1869085    | Others |
| hsa-miR-3183    | 67  | 1.066230806  | Others |
| hsa-miR-3184-3p | 12  | 1.250346833  | Others |
| hsa-miR-3184-5p | 31  | 1.070664806  | Others |
| hsa-miR-3185    | 1   | 0.256387     | Others |
| hsa-miR-3186-3p | 4   | 0.855905     | Others |
| hsa-miR-3186-5p | 1   | 0.240645     | Others |
| hsa-miR-3187-3p | 261 | 4.113860644  | Others |
| hsa-miR-3187-5p | 62  | 0.7548381823 | Others |
| hsa-miR-3188    | 134 | 2.044047694  | Others |
| hsa-miR-3189-3p | 54  | 1.177610481  | Others |
| hsa-miR-3189-5p | 10  | 2.1783842    | Others |
| hsa-miR-3190-3p | 128 | 1.324931914  | Others |
| hsa-miR-3190-5p | 64  | 0.8554430228 | Others |

|                   |     |               |        |
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| hsa-miR-3191-3p   | 52  | 0.9406881538  | Others |
| hsa-miR-3191-5p   | 60  | 0.9477231667  | Others |
| hsa-miR-3192-3p   | 28  | 0.5914040357  | Others |
| hsa-miR-3192-5p   | 75  | 0.9410772831  | Others |
| hsa-miR-3193      | 115 | 1.7847108     | Others |
| hsa-miR-3194-3p   | 75  | 1.64224836    | Others |
| hsa-miR-3194-5p   | 159 | 4.782274031   | Others |
| hsa-miR-3195      | 9   | 1.760378333   | Others |
| hsa-miR-3196      | 3   | 2.703523333   | Others |
| hsa-miR-3197      | 23  | 0.7790962174  | Others |
| hsa-miR-3198      | 13  | 0.6602796154  | Others |
| hsa-miR-3199      | 226 | 1.753113606   | Others |
| hsa-miR-3199-1-3p | 136 | 0.5724298391  | Others |
| hsa-miR-32-3p     | 336 | 7.994208818   | Others |
| hsa-miR-32-5p     | 360 | 33.55130569   | Others |
| hsa-miR-3200-3p   | 373 | 20.88499021   | Others |
| hsa-miR-3200-5p   | 161 | 2.081417255   | Others |
| hsa-miR-3201      | 6   | 1.0862645     | Others |
| hsa-miR-3202      | 59  | 2.454416559   | Others |
| hsa-miR-320a      | 399 | 1419.698291   | Others |
| hsa-miR-320b      | 399 | 7.085470571   | Others |
| hsa-miR-320c      | 399 | 1.87645315    | Others |
| hsa-miR-320d      | 397 | 4.324257348   | Others |
| hsa-miR-320e      | 388 | 0.03007109061 | Others |
| hsa-miR-323a-3p   | 333 | 107.7407293   | Others |
| hsa-miR-323a-5p   | 187 | 4.134194358   | Others |
| hsa-miR-323b-3p   | 316 | 53.10160894   | Others |
| hsa-miR-323b-5p   | 26  | 1.952834923   | Others |
| hsa-miR-324-3p    | 399 | 54.91154326   | Others |
| hsa-miR-324-5p    | 396 | 33.48071165   | Others |
| hsa-miR-326       | 365 | 52.79722048   | Others |

|                |     |             |        |
|----------------|-----|-------------|--------|
| hsa-miR-328-3p | 397 | 67.72649665 | Others |
| hsa-miR-328-5p | 78  | 1.028403936 | Others |
| hsa-miR-329-3p | 314 | 68.31637827 | Others |
| hsa-miR-329-5p | 178 | 3.619307393 | Others |
| hsa-miR-330-3p | 398 | 34.70826244 | Others |
| hsa-miR-330-5p | 396 | 63.69006389 | Others |
| hsa-miR-331-3p | 398 | 330.0460598 | Others |
| hsa-miR-331-5p | 385 | 12.84558577 | Others |
| hsa-miR-335-3p | 384 | 612.8460868 | Others |
| hsa-miR-335-5p | 372 | 214.7047858 | Others |
| hsa-miR-337-3p | 308 | 89.61204502 | Others |
| hsa-miR-337-5p | 285 | 22.65548732 | Others |
| hsa-miR-338-3p | 224 | 140.7777263 | Others |
| hsa-miR-338-5p | 147 | 43.43516647 | Others |
| hsa-miR-339-3p | 399 | 181.9811554 | Others |
| hsa-miR-339-5p | 397 | 112.1011685 | Others |
| hsa-miR-33a-3p | 334 | 8.694057832 | Others |
| hsa-miR-33a-5p | 372 | 35.71086104 | Others |
| hsa-miR-33b-3p | 355 | 12.03591843 | Others |
| hsa-miR-33b-5p | 373 | 30.42687739 | Others |
| hsa-miR-340-3p | 385 | 27.02979013 | Others |
| hsa-miR-340-5p | 398 | 623.7147266 | Others |
| hsa-miR-342-3p | 399 | 941.1939872 | Others |
| hsa-miR-342-5p | 372 | 29.07929826 | Others |
| hsa-miR-345-3p | 175 | 3.73957912  | Others |
| hsa-miR-345-5p | 399 | 756.6411358 | Others |
| hsa-miR-346    | 61  | 8.363493262 | Others |
| hsa-miR-34a-3p | 363 | 17.5764296  | Others |
| hsa-miR-34a-5p | 399 | 609.8419622 | Others |
| hsa-miR-34b-3p | 295 | 10.20401633 | Others |
| hsa-miR-34b-5p | 326 | 28.82680229 | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-34c-3p  | 242 | 5.126712864  | Others |
| hsa-miR-34c-5p  | 390 | 319.1484476  | Others |
| hsa-miR-3529-3p | 7   | 0.5660562857 | Others |
| hsa-miR-3529-5p | 25  | 1.89778496   | Others |
| hsa-miR-3591-3p | 2   | 0.4656425    | Others |
| hsa-miR-3591-5p | 43  | 1.2866935    | Others |
| hsa-miR-3605-3p | 385 | 18.44564519  | Others |
| hsa-miR-3605-5p | 374 | 13.34001427  | Others |
| hsa-miR-3606-3p | 4   | 1.15514      | Others |
| hsa-miR-3606-5p | 26  | 0.8784254231 | Others |
| hsa-miR-3607-3p | 394 | 83.33646279  | Others |
| hsa-miR-3607-5p | 132 | 2.529625826  | Others |
| hsa-miR-3609    | 236 | 6.179552831  | Others |
| hsa-miR-361-3p  | 399 | 342.8743817  | Others |
| hsa-miR-361-5p  | 393 | 303.9988229  | Others |
| hsa-miR-3610    | 48  | 1.115829125  | Others |
| hsa-miR-3611    | 197 | 1.667768289  | Others |
| hsa-miR-3611-5p | 30  | 1.082509267  | Others |
| hsa-miR-3612    | 14  | 1.128830489  | Others |
| hsa-miR-3612-3p | 5   | 2.8511394    | Others |
| hsa-miR-3613-3p | 327 | 6.643155382  | Others |
| hsa-miR-3613-5p | 361 | 15.59065582  | Others |
| hsa-miR-3614-3p | 90  | 1.654677656  | Others |
| hsa-miR-3614-5p | 184 | 9.579144783  | Others |
| hsa-miR-3615    | 378 | 24.90124354  | Others |
| hsa-miR-3616-3p | 27  | 1.120136481  | Others |
| hsa-miR-3616-5p | 51  | 1.003964255  | Others |
| hsa-miR-3617-3p | 24  | 1.476499375  | Others |
| hsa-miR-3617-5p | 81  | 1.468486379  | Others |
| hsa-miR-3618    | 9   | 0.5837326667 | Others |
| hsa-miR-3619-3p | 85  | 1.684502941  | Others |

|                  |     |              |           |
|------------------|-----|--------------|-----------|
| hsa-miR-3619-5p  | 155 | 1.885315071  | Others    |
| hsa-miR-362-3p   | 299 | 5.931888933  | Others    |
| hsa-miR-362-5p   | 382 | 26.94103781  | Others    |
| hsa-miR-3620-3p  | 309 | 3.927902052  | Others    |
| hsa-miR-3620-5p  | 119 | 1.319866134  | Others    |
| hsa-miR-3621     | 2   | 0.395634     | Others    |
| hsa-miR-3622a-3p | 89  | 2.291267481  | Others    |
| hsa-miR-3622a-5p | 120 | 2.633581525  | Others    |
| hsa-miR-3622b-3p | 36  | 1.071064056  | Others    |
| hsa-miR-3622b-5p | 16  | 0.6853446687 | Others    |
| hsa-miR-363-3p   | 265 | 240.9587437  | Others    |
| hsa-miR-363-5p   | 22  | 5.189669045  | Others    |
| hsa-miR-3646     | 12  | 0.9524416667 | Others    |
| hsa-miR-3649-5p  | 2   | 0.1203260476 | Others    |
| hsa-miR-3651     | 364 | 12.87841427  | Others    |
| hsa-miR-3652     | 68  | 1.510659412  | Others    |
| hsa-miR-3653-3p  | 219 | 6.245959828  | Others    |
| hsa-miR-3653-5p  | 110 | 3.857644973  | Others    |
| hsa-miR-3654     | 56  | 1.609513946  | retro-miR |
| hsa-miR-3655     | 20  | 1.2867777    | Others    |
| hsa-miR-3656     | 4   | 0.949584     | Others    |
| hsa-miR-3657     | 19  | 0.9105378421 | Others    |
| hsa-miR-3657-5p  | 20  | 0.9494336    | Others    |
| hsa-miR-3658     | 1   | 0.273223     | Others    |
| hsa-miR-3658-3p  | 8   | 0.69927075   | Others    |
| hsa-miR-3659     | 50  | 3.2756445    | Others    |
| hsa-miR-365a-3p  | 399 | 126.6857484  | Others    |
| hsa-miR-365a-5p  | 303 | 5.575964205  | Others    |
| hsa-miR-365b-3p  | 399 | 126.7780924  | Others    |
| hsa-miR-365b-5p  | 355 | 10.50362257  | Others    |
| hsa-miR-3660     | 35  | 1.105655857  | Others    |



|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-3661    | 367 | 8.270914531  | Others |
| hsa-miR-3662    | 169 | 11.84137778  | Others |
| hsa-miR-3663-3p | 25  | 3.77658276   | Others |
| hsa-miR-3663-5p | 4   | 2.6537015    | Others |
| hsa-miR-3664-3p | 146 | 3.315094808  | Others |
| hsa-miR-3664-5p | 51  | 1.231129765  | Others |
| hsa-miR-3665    | 12  | 1.200361917  | Others |
| hsa-miR-3666    | 1   | 0.838687     | Others |
| hsa-miR-3667-3p | 49  | 2.785006061  | Others |
| hsa-miR-3667-5p | 43  | 1.338921488  | Others |
| hsa-miR-3668    | 2   | 0.8641195    | Others |
| hsa-miR-367-3p  | 24  | 88.82093503  | Others |
| hsa-miR-367-5p  | 6   | 6.51757      | Others |
| hsa-miR-3671    | 2   | 3.83188      | Others |
| hsa-miR-3672    | 6   | 0.2081558333 | Others |
| hsa-miR-3674    | 1   | 0.501772     | Others |
| hsa-miR-3675-3p | 29  | 2.098539207  | Others |
| hsa-miR-3675-5p | 65  | 2.559521723  | Others |
| hsa-miR-3677-3p | 348 | 10.51923519  | Others |
| hsa-miR-3677-5p | 60  | 0.975146     | Others |
| hsa-miR-3678-3p | 98  | 1.068830684  | Others |
| hsa-miR-3678-5p | 92  | 0.9535461196 | Others |
| hsa-miR-3679-3p | 59  | 0.8253634407 | Others |
| hsa-miR-3679-5p | 165 | 2.38478322   | Others |
| hsa-miR-3680-3p | 24  | 1.558685833  | Others |
| hsa-miR-3680-5p | 30  | 0.8220174333 | Others |
| hsa-miR-3681-3p | 5   | 0.6024132    | Others |
| hsa-miR-3681-5p | 96  | 2.527921813  | Others |
| hsa-miR-3682-3p | 25  | 1.0585146    | Others |
| hsa-miR-3682-5p | 13  | 1.369745231  | Others |
| hsa-miR-3684    | 205 | 1.56723582   | Others |

|                  |     |              |        |
|------------------|-----|--------------|--------|
| hsa-miR-3685     | 77  | 1.019236805  | Others |
| hsa-miR-3686     | 1   | 0.208666     | Others |
| hsa-miR-3688-3p  | 216 | 2.147493227  | Others |
| hsa-miR-3688-5p  | 2   | 0.5716835    | Others |
| hsa-miR-3689a-3p | 1   | 1.13601      | Others |
| hsa-miR-3689a-5p | 1   | 0.000743822  | Others |
| hsa-miR-3689b-3p | 1   | 0.000743822  | Others |
| hsa-miR-3689b-5p | 1   | 0.000743822  | Others |
| hsa-miR-3689c    | 1   | 0.000743822  | Others |
| hsa-miR-3689e    | 1   | 0.00148764   | Others |
| hsa-miR-3689f    | 2   | 0.182555375  | Others |
| hsa-miR-369-3p   | 330 | 87.27747981  | Others |
| hsa-miR-369-5p   | 324 | 68.46908798  | Others |
| hsa-miR-3690     | 66  | 30.65259158  | Others |
| hsa-miR-3691-3p  | 85  | 1.510079906  | Others |
| hsa-miR-3691-5p  | 261 | 4.016019632  | Others |
| hsa-miR-3692-3p  | 21  | 0.4277535781 | Others |
| hsa-miR-3692-5p  | 7   | 0.2619531629 | Others |
| hsa-miR-370-3p   | 326 | 152.134047   | Others |
| hsa-miR-370-5p   | 257 | 10.20087548  | Others |
| hsa-miR-3714     | 2   | 0.754528     | Others |
| hsa-miR-371a-3p  | 28  | 603.4715203  | Others |
| hsa-miR-371a-5p  | 68  | 3142.861364  | Others |
| hsa-miR-371b-3p  | 21  | 5.629834571  | Others |
| hsa-miR-371b-5p  | 69  | 16.86097542  | Others |
| hsa-miR-372-3p   | 47  | 2454.207068  | Others |
| hsa-miR-372-5p   | 13  | 28.009732    | Others |
| hsa-miR-373-3p   | 100 | 934.9699979  | Others |
| hsa-miR-373-5p   | 18  | 27.44076544  | Others |
| hsa-miR-374a-3p  | 385 | 173.8187425  | Others |
| hsa-miR-374a-5p  | 390 | 77.0869589   | Others |

|                 |     |                |        |
|-----------------|-----|----------------|--------|
| hsa-miR-374b-3p | 362 | 14.53721077    | Others |
| hsa-miR-374b-5p | 394 | 64.96644726    | Others |
| hsa-miR-374c-3p | 206 | 0.04126080809  | Others |
| hsa-miR-374c-5p | 174 | 0.0139619128   | Others |
| hsa-miR-375     | 219 | 976.2933309    | Others |
| hsa-miR-376a-2- | 218 | 4.649600506    | Others |
| hsa-miR-376a-3p | 312 | 53.6851615     | Others |
| hsa-miR-376a-5p | 301 | 87.19746063    | Others |
| hsa-miR-376b-3p | 309 | 37.32570046    | Others |
| hsa-miR-376b-5p | 133 | 0.8151510487   | Others |
| hsa-miR-376c-3p | 332 | 144.2529402    | Others |
| hsa-miR-376c-5p | 133 | 1.015277898    | Others |
| hsa-miR-377-3p  | 290 | 29.88878967    | Others |
| hsa-miR-377-5p  | 309 | 72.59762352    | Others |
| hsa-miR-378a-3p | 399 | 3402.40901     | Others |
| hsa-miR-378a-5p | 333 | 19.7648879     | Others |
| hsa-miR-378b    | 369 | 0.123658952    | Others |
| hsa-miR-378c    | 398 | 2.847999156    | Others |
| hsa-miR-378d    | 394 | 2.419389571    | Others |
| hsa-miR-378e    | 296 | 0.03952447893  | Others |
| hsa-miR-378f    | 394 | 0.4670751271   | Others |
| hsa-miR-378g    | 375 | 0.2150070827   | Others |
| hsa-miR-378h    | 195 | 0.01856025327  | Others |
| hsa-miR-378i    | 398 | 0.5976769787   | Others |
| hsa-miR-378j    | 150 | 0.007560106174 | Others |
| hsa-miR-379-3p  | 324 | 40.43663622    | Others |
| hsa-miR-379-5p  | 321 | 58.15157226    | Others |
| hsa-miR-380-3p  | 317 | 36.2477442     | Others |
| hsa-miR-380-5p  | 134 | 2.453504037    | Others |
| hsa-miR-381-3p  | 375 | 1528.68202     | Others |
| hsa-miR-381-5p  | 211 | 5.635079365    | Others |

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|-----------------|-----|--------------|--------|
| hsa-miR-382-3p  | 295 | 25.30467148  | Others |
| hsa-miR-382-5p  | 332 | 89.19919092  | Others |
| hsa-miR-383-3p  | 12  | 1.75233625   | Others |
| hsa-miR-383-5p  | 60  | 12.7621567   | Others |
| hsa-miR-384     | 8   | 0.401598     | Others |
| hsa-miR-3907    | 22  | 1.756259682  | Others |
| hsa-miR-3908    | 11  | 5.730428455  | Others |
| hsa-miR-3909    | 393 | 31.03565394  | Others |
| hsa-miR-3910    | 15  | 0.9827662    | Others |
| hsa-miR-3911    | 67  | 0.9217009104 | Others |
| hsa-miR-3912-3p | 329 | 6.248749793  | Others |
| hsa-miR-3912-5p | 40  | 0.98251825   | Others |
| hsa-miR-3913-3p | 114 | 0.9459867281 | Others |
| hsa-miR-3913-5p | 296 | 3.614709382  | Others |
| hsa-miR-3914    | 15  | 1.7304798    | Others |
| hsa-miR-3915    | 4   | 0.45489625   | Others |
| hsa-miR-3916    | 135 | 1.5174732    | Others |
| hsa-miR-3917    | 100 | 1.63861072   | Others |
| hsa-miR-3917-5p | 11  | 4.283075364  | Others |
| hsa-miR-3918    | 119 | 1.389390706  | Others |
| hsa-miR-3918-3p | 77  | 1.74768513   | Others |
| hsa-miR-3919    | 37  | 4.38196473   | Others |
| hsa-miR-3920    | 16  | 0.3930684375 | Others |
| hsa-miR-3921    | 20  | 0.79820075   | Others |
| hsa-miR-3922-3p | 213 | 2.86480923   | Others |
| hsa-miR-3922-5p | 13  | 1.214760231  | Others |
| hsa-miR-3923    | 8   | 0.96996875   | Others |
| hsa-miR-3924    | 5   | 0.5792498    | Others |
| hsa-miR-3924-5p | 1   | 0.9267       | Others |
| hsa-miR-3925-3p | 40  | 1.4860044    | Others |
| hsa-miR-3925-5p | 33  | 1.563703364  | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-3926    | 30  | 0.5972615333 | Others |
| hsa-miR-3926-1- | 15  | 0.3899293693 | Others |
| hsa-miR-3927-3p | 13  | 2.053228538  | Others |
| hsa-miR-3927-5p | 1   | 0.80223      | Others |
| hsa-miR-3928-3p | 352 | 6.191703898  | Others |
| hsa-miR-3928-5p | 58  | 0.9416747586 | Others |
| hsa-miR-3929    | 133 | 23.38299498  | Others |
| hsa-miR-3934-3p | 35  | 1.264185886  | Others |
| hsa-miR-3934-5p | 244 | 2.982473041  | Others |
| hsa-miR-3935    | 93  | 11.84346973  | Others |
| hsa-miR-3936    | 20  | 1.43016555   | Others |
| hsa-miR-3937    | 10  | 14.3951413   | Others |
| hsa-miR-3938    | 118 | 6.469621788  | Others |
| hsa-miR-3939    | 192 | 2.940908257  | Others |
| hsa-miR-3940-3p | 339 | 5.956613027  | Others |
| hsa-miR-3940-5p | 70  | 1.236909057  | Others |
| hsa-miR-3941    | 71  | 1.309429592  | Others |
| hsa-miR-3942-3p | 122 | 1.313797148  | Others |
| hsa-miR-3942-5p | 248 | 2.481885859  | Others |
| hsa-miR-3943    | 56  | 6.489881179  | Others |
| hsa-miR-3944-3p | 156 | 2.166033694  | Others |
| hsa-miR-3944-5p | 83  | 1.007151036  | Others |
| hsa-miR-3945    | 6   | 0.4972398892 | Others |
| hsa-miR-3945-3p | 21  | 2.825441381  | Others |
| hsa-miR-3960    | 6   | 0.2788568333 | Others |
| hsa-miR-3960-5p | 2   | 1.655625     | Others |
| hsa-miR-3978    | 1   | 0.654692     | Others |
| hsa-miR-409-3p  | 380 | 2432.080773  | Others |
| hsa-miR-409-5p  | 353 | 591.2117869  | Others |
| hsa-miR-410-3p  | 390 | 866.5497006  | Others |
| hsa-miR-410-5p  | 132 | 2.645325091  | Others |

|                |     |                |        |
|----------------|-----|----------------|--------|
| hsa-miR-411-3p | 323 | 60.50982326    | Others |
| hsa-miR-411-5p | 379 | 1672.353392    | Others |
| hsa-miR-412-3p | 123 | 2.826046252    | Others |
| hsa-miR-412-5p | 258 | 20.18310529    | Others |
| hsa-miR-421    | 399 | 279.7224108    | Others |
| hsa-miR-422a   | 241 | 0.03995714896  | Others |
| hsa-miR-423-3p | 399 | 3967.665213    | Others |
| hsa-miR-423-5p | 399 | 2294.11146     | Others |
| hsa-miR-424-3p | 389 | 162.4278903    | Others |
| hsa-miR-424-5p | 390 | 402.4306872    | Others |
| hsa-miR-425-3p | 394 | 39.1541602     | Others |
| hsa-miR-425-5p | 399 | 487.3116153    | Others |
| hsa-miR-4254   | 51  | 1.463598157    | Others |
| hsa-miR-4256   | 1   | 0.355789       | Others |
| hsa-miR-4258   | 1   | 0.19328        | Others |
| hsa-miR-4259   | 2   | 0.0003094375   | Others |
| hsa-miR-4262   | 1   | 1.00608        | Others |
| hsa-miR-4263   | 1   | 0.528524       | Others |
| hsa-miR-4264   | 1   | 1.45672        | Others |
| hsa-miR-4265   | 3   | 0.1052336083   | Others |
| hsa-miR-4266   | 1   | 0.763836       | Others |
| hsa-miR-4269   | 2   | 0.159493       | Others |
| hsa-miR-4280   | 1   | 1.70152        | Others |
| hsa-miR-4282   | 1   | 0.763836       | Others |
| hsa-miR-4284   | 9   | 0.8539171944   | Others |
| hsa-miR-4286   | 99  | 1.468858277    | Others |
| hsa-miR-4287   | 1   | 9.05E-07       | Others |
| hsa-miR-4288   | 1   | 1.31877        | Others |
| hsa-miR-4289   | 46  | 0.007034936503 | Others |
| hsa-miR-429    | 241 | 330.911523     | Others |
| hsa-miR-4290   | 5   | 0.5472516      | Others |

|                  |     |              |        |
|------------------|-----|--------------|--------|
| hsa-miR-4291     | 1   | 0.529784     | Others |
| hsa-miR-4295     | 1   | 0.181962     | Others |
| hsa-miR-4297     | 1   | 2.25014      | Others |
| hsa-miR-4300     | 1   | 5.11336      | Others |
| hsa-miR-4301     | 1   | 0.355789     | Others |
| hsa-miR-4306     | 5   | 0.1014546881 | Others |
| hsa-miR-431-3p   | 325 | 73.92111478  | Others |
| hsa-miR-431-5p   | 337 | 275.8898421  | Others |
| hsa-miR-4310     | 1   | 0.306442     | Others |
| hsa-miR-4310-5p  | 7   | 1.014683571  | Others |
| hsa-miR-4312     | 2   | 0.1871025    | Others |
| hsa-miR-4313     | 1   | 2.19172      | Others |
| hsa-miR-4315     | 4   | 0.528658     | Others |
| hsa-miR-4317     | 1   | 0.528524     | Others |
| hsa-miR-4318     | 1   | 0.209001     | Others |
| hsa-miR-432-3p   | 190 | 3.25756754   | Others |
| hsa-miR-432-5p   | 321 | 177.0500566  | Others |
| hsa-miR-4321-5p  | 4   | 2.018132     | Others |
| hsa-miR-4322     | 1   | 0.392872     | Others |
| hsa-miR-4323     | 10  | 0.2761901423 | Others |
| hsa-miR-4324     | 137 | 0.1438556831 | Others |
| hsa-miR-4325     | 6   | 1.36E-06     | Others |
| hsa-miR-4326     | 339 | 32.16021308  | Others |
| hsa-miR-4328     | 2   | 0.0008318419 | Others |
| hsa-miR-433-3p   | 302 | 26.7173306   | Others |
| hsa-miR-433-5p   | 217 | 4.472641912  | Others |
| hsa-miR-4417     | 3   | 1.123049667  | Others |
| hsa-miR-4419a-5p | 1   | 0.209557     | Others |
| hsa-miR-4419b    | 6   | 0.8651761667 | Others |
| hsa-miR-4420     | 13  | 5.443229769  | Others |
| hsa-miR-4421     | 140 | 5.318054     | Others |

|                   |     |               |           |
|-------------------|-----|---------------|-----------|
| hsa-miR-4422      | 62  | 1.140247177   | Others    |
| hsa-miR-4423-3p   | 140 | 2.3119509     | Others    |
| hsa-miR-4423-5p   | 142 | 2.536916042   | Others    |
| hsa-miR-4424      | 134 | 2.383839851   | Others    |
| hsa-miR-4425      | 25  | 3.36142872    | Others    |
| hsa-miR-4426      | 41  | 1.211764902   | retro-miR |
| hsa-miR-4427      | 7   | 0.8774964286  | Others    |
| hsa-miR-4428      | 4   | 0.6233075     | Others    |
| hsa-miR-4429      | 305 | 0.1230023008  | Others    |
| hsa-miR-4430      | 2   | 0.602044      | Others    |
| hsa-miR-4431      | 12  | 7.284779358   | Others    |
| hsa-miR-4432      | 5   | 0.5549108584  | Others    |
| hsa-miR-4433a-3p  | 11  | 0.9190772727  | Others    |
| hsa-miR-4433a-5p  | 20  | 3.1123678     | Others    |
| hsa-miR-4433b-3p  | 12  | 2.538481167   | Others    |
| hsa-miR-4433b-5p  | 44  | 15.33618957   | Others    |
| hsa-miR-4434      | 14  | 1.3891785     | Others    |
| hsa-miR-4435      | 317 | 7.153847823   | Others    |
| hsa-miR-4436a-5p  | 8   | 0.04486932616 | Others    |
| hsa-miR-4436b-3p  | 24  | 1.381611792   | Others    |
| hsa-miR-4436b-5p  | 18  | 2.2003185     | Others    |
| hsa-miR-4437      | 4   | 0.5446625     | Others    |
| hsa-miR-4438      | 3   | 0.2164496667  | Others    |
| hsa-miR-4438-5p   | 4   | 0.35148975    | Others    |
| hsa-miR-4439      | 16  | 0.8589685     | Others    |
| hsa-miR-4440      | 69  | 1.898146474   | Others    |
| hsa-miR-4441      | 1   | 0.108276      | Others    |
| hsa-miR-4442      | 22  | 2.495117186   | Others    |
| hsa-miR-4443      | 170 | 2.693817331   | Others    |
| hsa-miR-4444      | 80  | 1.932859063   | retro-miR |
| hsa-miR-4444-1-3p | 19  | 1.429692816   | Others    |



|                 |     |              |           |
|-----------------|-----|--------------|-----------|
| hsa-miR-4445-3p | 2   | 0.651022     | Others    |
| hsa-miR-4445-5p | 6   | 0.5966388333 | Others    |
| hsa-miR-4446-3p | 72  | 9.858388222  | Others    |
| hsa-miR-4446-5p | 37  | 1.158123784  | Others    |
| hsa-miR-4447    | 6   | 5.50E-05     | Others    |
| hsa-miR-4448    | 4   | 0.2887123613 | Others    |
| hsa-miR-4449    | 171 | 6.263878708  | Others    |
| hsa-miR-4450-3p | 1   | 13.2084      | Others    |
| hsa-miR-4451    | 1   | 0.0793474    | Others    |
| hsa-miR-4452-5p | 30  | 1.2670545    | Others    |
| hsa-miR-4453    | 36  | 0.5888463056 | Others    |
| hsa-miR-4454    | 33  | 7.671105239  | Others    |
| hsa-miR-4455    | 13  | 0.173085672  | Others    |
| hsa-miR-4457    | 11  | 0.4952870909 | Others    |
| hsa-miR-4458    | 28  | 1.744355798  | Others    |
| hsa-miR-4459    | 5   | 1.003543584  | Others    |
| hsa-miR-4461    | 327 | 0.2579736366 | Others    |
| hsa-miR-4461-5p | 175 | 0.5590602888 | Others    |
| hsa-miR-4463    | 10  | 0.5935980299 | Others    |
| hsa-miR-4464    | 7   | 12.95655743  | Others    |
| hsa-miR-4465    | 11  | 0.5210944545 | Others    |
| hsa-miR-4466    | 14  | 1.035724286  | Others    |
| hsa-miR-4467    | 81  | 1.743859358  | Others    |
| hsa-miR-4467-3p | 58  | 3.163507362  | Others    |
| hsa-miR-4468    | 2   | 1.077271     | retro-miR |
| hsa-miR-4469    | 20  | 0.9117886    | Others    |
| hsa-miR-4469-5p | 8   | 1.10362575   | Others    |
| hsa-miR-4470    | 16  | 0.6341033125 | Others    |
| hsa-miR-4471    | 2   | 0.7649865    | Others    |
| hsa-miR-4472    | 5   | 0.5351874    | Others    |
| hsa-miR-4472-2- | 1   | 0.984929     | Others    |

|                 |     |                |        |
|-----------------|-----|----------------|--------|
| hsa-miR-4473    | 218 | 2.001455991    | Others |
| hsa-miR-4474-3p | 61  | 0.9480609672   | Others |
| hsa-miR-4474-5p | 7   | 0.5515217143   | Others |
| hsa-miR-4475    | 30  | 0.8685977311   | Others |
| hsa-miR-4476    | 4   | 0.84179025     | Others |
| hsa-miR-4477b   | 131 | 1.404536076    | Others |
| hsa-miR-4478    | 42  | 1.251032167    | Others |
| hsa-miR-4479    | 111 | 1.225130946    | Others |
| hsa-miR-448     | 55  | 19.92471596    | Others |
| hsa-miR-4480    | 2   | 0.8799925      | Others |
| hsa-miR-4482-3p | 123 | 3.660993423    | Others |
| hsa-miR-4482-5p | 17  | 0.9475787647   | Others |
| hsa-miR-4483    | 15  | 0.009977477593 | Others |
| hsa-miR-4484    | 282 | 0.2663348589   | Others |
| hsa-miR-4485-3p | 383 | 1.36880238     | Others |
| hsa-miR-4485-5p | 310 | 0.7505221053   | Others |
| hsa-miR-4487    | 18  | 0.8285983389   | Others |
| hsa-miR-4487-5p | 18  | 0.94595945     | Others |
| hsa-miR-4488    | 1   | 0.150642       | Others |
| hsa-miR-4489    | 25  | 0.69559032     | Others |
| hsa-miR-4489-3p | 63  | 1.383102619    | Others |
| hsa-miR-4490    | 2   | 0.67031        | Others |
| hsa-miR-4491    | 6   | 4.521328667    | Others |
| hsa-miR-4492    | 8   | 5.775828375    | Others |
| hsa-miR-4493    | 8   | 1.2599875      | Others |
| hsa-miR-4494    | 13  | 1.276380154    | Others |
| hsa-miR-4495    | 2   | 0.203714       | Others |
| hsa-miR-4495-3p | 3   | 0.273508       | Others |
| hsa-miR-4496    | 8   | 1.19784825     | Others |
| hsa-miR-4497    | 5   | 0.8263956      | Others |
| hsa-miR-4498    | 33  | 1.084584515    | Others |

|                   |     |              |        |
|-------------------|-----|--------------|--------|
| hsa-miR-4499      | 1   | 0.240645     | Others |
| hsa-miR-449a      | 259 | 30.50425765  | Others |
| hsa-miR-449b-3p   | 28  | 1.593190679  | Others |
| hsa-miR-449b-5p   | 229 | 15.72356344  | Others |
| hsa-miR-449c-3p   | 18  | 1.188808889  | Others |
| hsa-miR-449c-5p   | 254 | 35.51549236  | Others |
| hsa-miR-4500      | 18  | 0.0446238897 | Others |
| hsa-miR-4501      | 47  | 1.28097634   | Others |
| hsa-miR-4502      | 9   | 1.983378444  | Others |
| hsa-miR-4503      | 6   | 1.123985     | Others |
| hsa-miR-4504      | 86  | 1.07782936   | Others |
| hsa-miR-4505      | 21  | 1.471004286  | Others |
| hsa-miR-4506      | 7   | 1.145892143  | Others |
| hsa-miR-4507      | 26  | 0.6202810283 | Others |
| hsa-miR-4508      | 2   | 0.4772915    | Others |
| hsa-miR-4509      | 3   | 0.8039883333 | Others |
| hsa-miR-450a-1-3p | 65  | 0.9365308689 | Others |
| hsa-miR-450a-2-3p | 182 | 1.744914638  | Others |
| hsa-miR-450a-5p   | 383 | 124.7119388  | Others |
| hsa-miR-450b-3p   | 26  | 0.5509428144 | Others |
| hsa-miR-450b-5p   | 381 | 230.6249318  | Others |
| hsa-miR-4510      | 391 | 0.1015279951 | Others |
| hsa-miR-4511      | 209 | 1.816049627  | Others |
| hsa-miR-4512      | 137 | 1.537853788  | Others |
| hsa-miR-4513      | 11  | 0.8949122727 | Others |
| hsa-miR-4514      | 1   | 0.763836     | Others |
| hsa-miR-4515      | 75  | 1.54240852   | Others |
| hsa-miR-4516      | 2   | 1.677845     | Others |
| hsa-miR-4517      | 32  | 1.518025844  | Others |
| hsa-miR-4518      | 22  | 14.65837317  | Others |
| hsa-miR-4519      | 49  | 1.92923949   | Others |

|                   |     |               |        |
|-------------------|-----|---------------|--------|
| hsa-miR-451a      | 231 | 212.9270808   | Others |
| hsa-miR-451b      | 6   | 0.1824100754  | Others |
| hsa-miR-452-3p    | 296 | 26.28168601   | Others |
| hsa-miR-452-5p    | 338 | 151.0517695   | Others |
| hsa-miR-4520-2-3p | 97  | 0.6323675765  | Others |
| hsa-miR-4520-3p   | 116 | 3.122577352   | Others |
| hsa-miR-4520-5p   | 16  | 1.975017688   | Others |
| hsa-miR-4521      | 388 | 20.5079966    | Others |
| hsa-miR-4522      | 43  | 0.9578970465  | Others |
| hsa-miR-4523      | 163 | 2.07185311    | Others |
| hsa-miR-4524a-3p  | 99  | 2.101289202   | Others |
| hsa-miR-4524a-5p  | 145 | 3.047822221   | Others |
| hsa-miR-4524b-3p  | 2   | 0.973133      | Others |
| hsa-miR-4524b-5p  | 3   | 1.667353333   | Others |
| hsa-miR-4525      | 28  | 0.8745911071  | Others |
| hsa-miR-4525-3p   | 104 | 1.274460541   | Others |
| hsa-miR-4526      | 68  | 1.048903544   | Others |
| hsa-miR-4527      | 1   | 0.350325      | Others |
| hsa-miR-4528      | 3   | 0.3710293567  | Others |
| hsa-miR-4529-3p   | 81  | 1.75969137    | Others |
| hsa-miR-4529-5p   | 2   | 0.1987005     | Others |
| hsa-miR-4530      | 4   | 0.41154575    | Others |
| hsa-miR-4531      | 3   | 0.5250417233  | Others |
| hsa-miR-4532      | 1   | 2.2504        | Others |
| hsa-miR-4533      | 4   | 0.413319      | Others |
| hsa-miR-4534-5p   | 12  | 0.02913097307 | Others |
| hsa-miR-4536-3p   | 55  | 1.244683891   | Others |
| hsa-miR-4536-5p   | 22  | 0.9762780909  | Others |
| hsa-miR-4537      | 2   | 0.494435      | Others |
| hsa-miR-4537-3p   | 4   | 0.76807425    | Others |
| hsa-miR-4538      | 3   | 0.411694      | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-4538-3p | 2   | 0.3554245    | Others |
| hsa-miR-4539    | 6   | 0.5671024667 | Others |
| hsa-miR-454-3p  | 397 | 243.7832088  | Others |
| hsa-miR-454-5p  | 387 | 33.74912288  | Others |
| hsa-miR-455-3p  | 381 | 142.7107786  | Others |
| hsa-miR-455-5p  | 383 | 115.300434   | Others |
| hsa-miR-4632-3p | 38  | 1.287034211  | Others |
| hsa-miR-4632-5p | 1   | 1.24233      | Others |
| hsa-miR-4633-3p | 8   | 0.27755075   | Others |
| hsa-miR-4633-5p | 12  | 0.9646343333 | Others |
| hsa-miR-4634    | 4   | 2.480723     | Others |
| hsa-miR-4635    | 65  | 0.9574480462 | Others |
| hsa-miR-4636    | 200 | 3.40785973   | Others |
| hsa-miR-4637    | 18  | 0.7987698889 | Others |
| hsa-miR-4638-3p | 202 | 2.008438079  | Others |
| hsa-miR-4638-5p | 43  | 0.5493529535 | Others |
| hsa-miR-4639-3p | 27  | 0.5433010741 | Others |
| hsa-miR-4639-5p | 42  | 0.6124904286 | Others |
| hsa-miR-4640-3p | 154 | 2.861243786  | Others |
| hsa-miR-4640-5p | 57  | 1.557629263  | Others |
| hsa-miR-4641    | 31  | 0.4323270323 | Others |
| hsa-miR-4642    | 88  | 1.341796545  | Others |
| hsa-miR-4643    | 9   | 0.3478201111 | Others |
| hsa-miR-4643-5p | 1   | 0.946671     | Others |
| hsa-miR-4644    | 21  | 0.7415872381 | Others |
| hsa-miR-4645-3p | 263 | 5.175177768  | Others |
| hsa-miR-4645-5p | 20  | 0.54351525   | Others |
| hsa-miR-4646-3p | 91  | 0.9799666593 | Others |
| hsa-miR-4646-5p | 17  | 1.079143941  | Others |
| hsa-miR-4647    | 99  | 1.035109242  | Others |
| hsa-miR-4648    | 87  | 1.114338379  | Others |

|                  |     |               |        |
|------------------|-----|---------------|--------|
| hsa-miR-4649-3p  | 98  | 1.572753092   | Others |
| hsa-miR-4649-5p  | 30  | 1.282716867   | Others |
| hsa-miR-4650-3p  | 11  | 0.6842177273  | Others |
| hsa-miR-4651     | 54  | 1.205612611   | Others |
| hsa-miR-4652-3p  | 20  | 0.5785128     | Others |
| hsa-miR-4652-5p  | 34  | 2.482533853   | Others |
| hsa-miR-4653-3p  | 9   | 0.6712373333  | Others |
| hsa-miR-4653-5p  | 53  | 1.393112038   | Others |
| hsa-miR-4654     | 51  | 3.197692137   | Others |
| hsa-miR-4655-3p  | 3   | 0.788799      | Others |
| hsa-miR-4655-5p  | 25  | 0.7250236     | Others |
| hsa-miR-4656     | 6   | 0.4152583333  | Others |
| hsa-miR-4657     | 42  | 0.8144523095  | Others |
| hsa-miR-4658     | 27  | 0.3098165755  | Others |
| hsa-miR-4659a-3p | 97  | 0.8409669711  | Others |
| hsa-miR-4659a-5p | 22  | 1.015927364   | Others |
| hsa-miR-4659b-3p | 58  | 0.04670625678 | Others |
| hsa-miR-4659b-5p | 11  | 0.2452460698  | Others |
| hsa-miR-466      | 8   | 0.750637375   | Others |
| hsa-miR-466-5p   | 74  | 0.9113846622  | Others |
| hsa-miR-4660     | 62  | 1.063041484   | Others |
| hsa-miR-4661-3p  | 104 | 1.648981183   | Others |
| hsa-miR-4661-5p  | 266 | 4.797623199   | Others |
| hsa-miR-4662a-3p | 66  | 0.758888832   | Others |
| hsa-miR-4662a-5p | 326 | 11.66533219   | Others |
| hsa-miR-4662b    | 66  | 0.3757335577  | Others |
| hsa-miR-4663     | 5   | 0.3316906     | Others |
| hsa-miR-4664-3p  | 105 | 4.7908852     | Others |
| hsa-miR-4664-5p  | 27  | 1.360569333   | Others |
| hsa-miR-4665-3p  | 13  | 1.277477      | Others |
| hsa-miR-4665-5p  | 79  | 0.999773038   | Others |

|                   |     |              |        |
|-------------------|-----|--------------|--------|
| hsa-miR-4666a-3p  | 14  | 0.4910097857 | Others |
| hsa-miR-4666a-5p  | 74  | 1.076682405  | Others |
| hsa-miR-4666b     | 1   | 1.26094      | Others |
| hsa-miR-4667-3p   | 34  | 0.7985812941 | Others |
| hsa-miR-4667-5p   | 80  | 1.135158519  | Others |
| hsa-miR-4668-3p   | 23  | 1.089727087  | Others |
| hsa-miR-4668-5p   | 103 | 1.232579806  | Others |
| hsa-miR-4669      | 56  | 0.7559675536 | Others |
| hsa-miR-4670-3p   | 76  | 0.6445580658 | Others |
| hsa-miR-4670-5p   | 31  | 0.7128296774 | Others |
| hsa-miR-4671-3p   | 85  | 2.869220965  | Others |
| hsa-miR-4671-5p   | 41  | 1.670923293  | Others |
| hsa-miR-4672      | 90  | 1.032114967  | Others |
| hsa-miR-4673      | 30  | 1.1416275    | Others |
| hsa-miR-4674      | 33  | 0.6579341515 | Others |
| hsa-miR-4674-5p   | 4   | 4.52580225   | Others |
| hsa-miR-4675      | 23  | 0.5104743478 | Others |
| hsa-miR-4676-3p   | 132 | 1.20518353   | Others |
| hsa-miR-4676-5p   | 24  | 0.9246504583 | Others |
| hsa-miR-4677-3p   | 389 | 28.71170357  | Others |
| hsa-miR-4677-5p   | 192 | 1.51481213   | Others |
| hsa-miR-4679      | 18  | 0.5471797778 | Others |
| hsa-miR-4679-1-3p | 6   | 0.3783974    | Others |
| hsa-miR-4679-2-3p | 6   | 0.3783974    | Others |
| hsa-miR-4680-3p   | 38  | 1.354153921  | Others |
| hsa-miR-4680-5p   | 24  | 1.30595775   | Others |
| hsa-miR-4681      | 4   | 0.34058875   | Others |
| hsa-miR-4682      | 91  | 1.353049978  | Others |
| hsa-miR-4683      | 46  | 1.003090457  | Others |
| hsa-miR-4684-3p   | 28  | 0.8394697143 | Others |
| hsa-miR-4684-5p   | 10  | 0.9251175    | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-4685-3p | 233 | 2.446810764  | Others |
| hsa-miR-4685-5p | 7   | 0.6721191429 | Others |
| hsa-miR-4686    | 7   | 0.9959191429 | Others |
| hsa-miR-4687-3p | 109 | 1.272246312  | Others |
| hsa-miR-4687-5p | 216 | 2.17668081   | Others |
| hsa-miR-4688    | 121 | 1.773997669  | Others |
| hsa-miR-4689    | 87  | 1.062250299  | Others |
| hsa-miR-4690-3p | 125 | 1.449848416  | Others |
| hsa-miR-4690-5p | 65  | 0.8894065692 | Others |
| hsa-miR-4691-3p | 31  | 0.6848644839 | Others |
| hsa-miR-4691-5p | 5   | 0.7249668    | Others |
| hsa-miR-4693-5p | 2   | 0.3502635    | Others |
| hsa-miR-4694-3p | 21  | 0.9806804762 | Others |
| hsa-miR-4695-3p | 126 | 0.2310238337 | Others |
| hsa-miR-4695-5p | 13  | 1.016242538  | Others |
| hsa-miR-4696    | 1   | 0.996989     | Others |
| hsa-miR-4697-3p | 61  | 4.77659918   | Others |
| hsa-miR-4697-5p | 4   | 0.32882625   | Others |
| hsa-miR-4698    | 33  | 1.999269818  | Others |
| hsa-miR-4699-3p | 36  | 0.9138611111 | Others |
| hsa-miR-4699-5p | 54  | 1.120308259  | Others |
| hsa-miR-4700-3p | 27  | 0.8574158889 | Others |
| hsa-miR-4700-5p | 28  | 0.4692835357 | Others |
| hsa-miR-4701-3p | 9   | 0.3596386667 | Others |
| hsa-miR-4701-5p | 25  | 0.69100304   | Others |
| hsa-miR-4703-3p | 30  | 0.6085022276 | Others |
| hsa-miR-4704-3p | 13  | 0.6281153077 | Others |
| hsa-miR-4704-5p | 6   | 1.048826833  | Others |
| hsa-miR-4705    | 20  | 1.8855778    | Others |
| hsa-miR-4706    | 45  | 1.422905889  | Others |
| hsa-miR-4707-3p | 172 | 2.55464814   | Others |



|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-4707-5p | 58  | 1.151177759  | Others |
| hsa-miR-4708-3p | 37  | 1.070314514  | Others |
| hsa-miR-4708-5p | 13  | 0.5046746923 | Others |
| hsa-miR-4709-3p | 60  | 0.83669925   | Others |
| hsa-miR-4709-5p | 94  | 1.233840032  | Others |
| hsa-miR-4710    | 15  | 1.261061933  | Others |
| hsa-miR-4711-3p | 3   | 0.290131     | Others |
| hsa-miR-4711-5p | 18  | 0.6124218889 | Others |
| hsa-miR-4712-3p | 94  | 1.021539596  | Others |
| hsa-miR-4712-5p | 8   | 0.88963475   | Others |
| hsa-miR-4713-3p | 5   | 0.6008308    | Others |
| hsa-miR-4713-5p | 40  | 6.95681035   | Others |
| hsa-miR-4714-3p | 116 | 1.424060009  | Others |
| hsa-miR-4714-5p | 53  | 0.7803641698 | Others |
| hsa-miR-4715-3p | 12  | 0.8041994167 | Others |
| hsa-miR-4715-5p | 16  | 0.8184778313 | Others |
| hsa-miR-4716-3p | 7   | 0.4272888571 | Others |
| hsa-miR-4716-5p | 18  | 0.5825317778 | Others |
| hsa-miR-4717-3p | 157 | 1.303489522  | Others |
| hsa-miR-4717-5p | 6   | 0.8624993333 | Others |
| hsa-miR-4718    | 5   | 0.4501262    | Others |
| hsa-miR-4720-3p | 5   | 0.1853066    | Others |
| hsa-miR-4720-5p | 64  | 1.114624391  | Others |
| hsa-miR-4721    | 13  | 0.4461602308 | Others |
| hsa-miR-4722-3p | 5   | 1.2849664    | Others |
| hsa-miR-4722-5p | 81  | 1.027960845  | Others |
| hsa-miR-4723-3p | 46  | 0.8287427391 | Others |
| hsa-miR-4723-5p | 51  | 0.6963082549 | Others |
| hsa-miR-4724-3p | 4   | 0.45025475   | Others |
| hsa-miR-4724-5p | 63  | 1.183452397  | Others |
| hsa-miR-4725-3p | 123 | 1.489857813  | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-4725-5p | 94  | 1.824217128  | Others |
| hsa-miR-4726-3p | 9   | 1.066730556  | Others |
| hsa-miR-4726-5p | 115 | 1.089290159  | Others |
| hsa-miR-4727-3p | 39  | 1.254557974  | Others |
| hsa-miR-4727-5p | 16  | 0.7247614375 | Others |
| hsa-miR-4728-3p | 186 | 2.733016795  | Others |
| hsa-miR-4728-5p | 32  | 1.052481313  | Others |
| hsa-miR-4729    | 23  | 1.607661565  | Others |
| hsa-miR-4730    | 27  | 0.7027021481 | Others |
| hsa-miR-4731-3p | 115 | 1.394610817  | Others |
| hsa-miR-4731-5p | 88  | 1.353549773  | Others |
| hsa-miR-4732-3p | 10  | 3.6400388    | Others |
| hsa-miR-4732-5p | 3   | 1.558781     | Others |
| hsa-miR-4733-3p | 25  | 1.11682      | Others |
| hsa-miR-4733-5p | 52  | 0.8347599288 | Others |
| hsa-miR-4734    | 26  | 0.7674672308 | Others |
| hsa-miR-4735-3p | 4   | 1.177403     | Others |
| hsa-miR-4735-5p | 12  | 1.406105167  | Others |
| hsa-miR-4736    | 13  | 2.340900615  | Others |
| hsa-miR-4737    | 39  | 1.795720721  | Others |
| hsa-miR-4738-3p | 108 | 1.117282806  | Others |
| hsa-miR-4738-5p | 3   | 0.263053     | Others |
| hsa-miR-4739    | 15  | 0.4822870667 | Others |
| hsa-miR-4739-3p | 5   | 0.6634092    | Others |
| hsa-miR-4740-3p | 5   | 1.0948158    | Others |
| hsa-miR-4740-5p | 22  | 0.5850329545 | Others |
| hsa-miR-4741    | 198 | 3.056040263  | Others |
| hsa-miR-4742-3p | 225 | 2.039914191  | Others |
| hsa-miR-4742-5p | 164 | 1.423608213  | Others |
| hsa-miR-4743-3p | 25  | 0.94217088   | Others |
| hsa-miR-4743-5p | 55  | 1.139546036  | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-4744    | 9   | 0.8605125556 | Others |
| hsa-miR-4745-3p | 134 | 2.004919619  | Others |
| hsa-miR-4745-5p | 234 | 5.776414544  | Others |
| hsa-miR-4746-3p | 9   | 1.027521244  | Others |
| hsa-miR-4746-5p | 336 | 11.14177462  | Others |
| hsa-miR-4747-3p | 74  | 1.04134277   | Others |
| hsa-miR-4747-5p | 46  | 0.9523310435 | Others |
| hsa-miR-4748    | 61  | 1.213817951  | Others |
| hsa-miR-4749-3p | 140 | 1.765339036  | Others |
| hsa-miR-4749-5p | 41  | 1.460900756  | Others |
| hsa-miR-4750-3p | 38  | 1.5249195    | Others |
| hsa-miR-4750-5p | 81  | 0.8119688148 | Others |
| hsa-miR-4751    | 43  | 0.704947     | Others |
| hsa-miR-4752    | 7   | 0.77731      | Others |
| hsa-miR-4753-3p | 57  | 0.9698001579 | Others |
| hsa-miR-4753-5p | 143 | 1.349589937  | Others |
| hsa-miR-4754    | 25  | 2.95815468   | Others |
| hsa-miR-4754-3p | 24  | 3.537592667  | Others |
| hsa-miR-4755-3p | 159 | 1.404811679  | Others |
| hsa-miR-4755-5p | 91  | 1.002583835  | Others |
| hsa-miR-4756-3p | 12  | 0.37550525   | Others |
| hsa-miR-4756-5p | 13  | 0.3670746154 | Others |
| hsa-miR-4757-3p | 128 | 0.9575376875 | Others |
| hsa-miR-4757-5p | 66  | 0.9576987879 | Others |
| hsa-miR-4758-3p | 115 | 6.102259043  | Others |
| hsa-miR-4758-5p | 16  | 0.3366945    | Others |
| hsa-miR-4760-3p | 18  | 0.3188204444 | Others |
| hsa-miR-4760-5p | 34  | 2.893616853  | Others |
| hsa-miR-4761-3p | 152 | 1.73500539   | Others |
| hsa-miR-4761-5p | 37  | 1.315686973  | Others |
| hsa-miR-4762-3p | 30  | 1.258714333  | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-4762-5p | 254 | 1.790989106  | Others |
| hsa-miR-4763-3p | 31  | 0.7668338387 | Others |
| hsa-miR-4763-5p | 58  | 1.014683793  | Others |
| hsa-miR-4764-3p | 5   | 0.4170076    | Others |
| hsa-miR-4764-5p | 13  | 0.7782179906 | Others |
| hsa-miR-4765    | 17  | 0.8852387059 | Others |
| hsa-miR-4765-5p | 14  | 0.9593071429 | Others |
| hsa-miR-4766-3p | 152 | 1.387597849  | Others |
| hsa-miR-4766-5p | 35  | 1.037644029  | Others |
| hsa-miR-4767    | 267 | 3.041312543  | Others |
| hsa-miR-4768-3p | 9   | 0.4670341111 | Others |
| hsa-miR-4768-5p | 131 | 2.535888466  | Others |
| hsa-miR-4769-3p | 46  | 2.064938848  | Others |
| hsa-miR-4769-5p | 25  | 1.48925332   | Others |
| hsa-miR-4770    | 71  | 0.2602610042 | Others |
| hsa-miR-4771    | 1   | 0.14069      | Others |
| hsa-miR-4771-1- | 96  | 0.6225832677 | Others |
| hsa-miR-4771-2- | 96  | 0.6227150385 | Others |
| hsa-miR-4772-3p | 30  | 10.22387797  | Others |
| hsa-miR-4772-5p | 42  | 31.61867607  | Others |
| hsa-miR-4773    | 34  | 0.9755693824 | Others |
| hsa-miR-4773-1- | 121 | 1.148356654  | Others |
| hsa-miR-4773-2- | 121 | 1.08410448   | Others |
| hsa-miR-4774-3p | 4   | 1.164379     | Others |
| hsa-miR-4774-5p | 14  | 0.8903917143 | Others |
| hsa-miR-4775    | 373 | 19.76445313  | Others |
| hsa-miR-4776-3p | 3   | 0.349516     | Others |
| hsa-miR-4776-5p | 10  | 4.8728227    | Others |
| hsa-miR-4777-3p | 20  | 1.3737852    | Others |
| hsa-miR-4777-5p | 6   | 0.834189     | Others |
| hsa-miR-4778-3p | 15  | 0.3354146667 | Others |

|                 |     |              |           |
|-----------------|-----|--------------|-----------|
| hsa-miR-4778-5p | 14  | 0.2960734286 | Others    |
| hsa-miR-4779    | 7   | 0.4417848571 | Others    |
| hsa-miR-4779-5p | 41  | 0.6075909756 | Others    |
| hsa-miR-4780    | 3   | 11.24391667  | Others    |
| hsa-miR-4781-3p | 226 | 2.378962487  | Others    |
| hsa-miR-4781-5p | 18  | 0.5431053889 | Others    |
| hsa-miR-4782-3p | 5   | 0.8658222    | Others    |
| hsa-miR-4782-5p | 12  | 0.38655925   | Others    |
| hsa-miR-4783-3p | 49  | 0.8715404898 | Others    |
| hsa-miR-4783-5p | 1   | 0.216552     | Others    |
| hsa-miR-4784    | 22  | 0.9064211818 | Others    |
| hsa-miR-4785    | 251 | 2.417025432  | Others    |
| hsa-miR-4786-3p | 35  | 0.9305124    | Others    |
| hsa-miR-4786-5p | 194 | 1.918157052  | Others    |
| hsa-miR-4787-3p | 225 | 6.601025458  | Others    |
| hsa-miR-4787-5p | 13  | 1.073653     | Others    |
| hsa-miR-4788    | 70  | 1.6979504    | retro-miR |
| hsa-miR-4789-3p | 9   | 0.5794727778 | Others    |
| hsa-miR-4789-5p | 1   | 0.356786     | Others    |
| hsa-miR-4790-3p | 2   | 0.703792     | Others    |
| hsa-miR-4790-5p | 4   | 0.612334     | Others    |
| hsa-miR-4791    | 104 | 2.509214165  | Others    |
| hsa-miR-4792    | 2   | 4.140975     | Others    |
| hsa-miR-4793-3p | 36  | 1.807923778  | Others    |
| hsa-miR-4793-5p | 1   | 1.25578      | Others    |
| hsa-miR-4794    | 22  | 1.15025      | Others    |
| hsa-miR-4794-3p | 15  | 1.023788533  | Others    |
| hsa-miR-4795-3p | 50  | 1.11720688   | Others    |
| hsa-miR-4795-5p | 8   | 0.7940205    | Others    |
| hsa-miR-4796-3p | 82  | 1.246360305  | Others    |
| hsa-miR-4796-5p | 33  | 0.7735599091 | Others    |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-4797-3p | 218 | 2.320428789  | Others |
| hsa-miR-4797-5p | 51  | 1.110854765  | Others |
| hsa-miR-4798-3p | 1   | 0.203419     | Others |
| hsa-miR-4798-5p | 24  | 0.4310162917 | Others |
| hsa-miR-4799-3p | 3   | 0.904833     | Others |
| hsa-miR-4799-5p | 67  | 1.334412746  | Others |
| hsa-miR-4800-3p | 50  | 0.77400984   | Others |
| hsa-miR-4800-5p | 12  | 0.5258713333 | Others |
| hsa-miR-4801    | 4   | 0.97232775   | Others |
| hsa-miR-4802-3p | 63  | 2.28787327   | Others |
| hsa-miR-4802-5p | 50  | 1.19052424   | Others |
| hsa-miR-4803    | 63  | 1.450340873  | Others |
| hsa-miR-4804-3p | 88  | 0.8933735909 | Others |
| hsa-miR-4804-5p | 199 | 2.19849006   | Others |
| hsa-miR-483-3p  | 221 | 162.3326542  | Others |
| hsa-miR-483-5p  | 219 | 93.40271281  | Others |
| hsa-miR-484     | 399 | 1053.990036  | Others |
| hsa-miR-485-3p  | 319 | 83.91070036  | Others |
| hsa-miR-485-5p  | 323 | 94.62021982  | Others |
| hsa-miR-486-3p  | 305 | 21.11276793  | Others |
| hsa-miR-486-5p  | 399 | 4442.470275  | Others |
| hsa-miR-487a-3p | 287 | 38.28952305  | Others |
| hsa-miR-487a-5p | 198 | 4.799274803  | Others |
| hsa-miR-487b-3p | 345 | 265.0403671  | Others |
| hsa-miR-487b-5p | 176 | 3.565147693  | Others |
| hsa-miR-488-3p  | 80  | 7.383641038  | Others |
| hsa-miR-488-5p  | 57  | 7.715636421  | Others |
| hsa-miR-489-3p  | 109 | 196.5229398  | Others |
| hsa-miR-489-5p  | 29  | 1.302946172  | Others |
| hsa-miR-490-3p  | 187 | 70.34159168  | Others |
| hsa-miR-490-5p  | 74  | 13.42676055  | Others |

|                 |     |              |           |
|-----------------|-----|--------------|-----------|
| hsa-miR-491-3p  | 214 | 2.100827366  | Others    |
| hsa-miR-491-5p  | 303 | 3.236268927  | Others    |
| hsa-miR-492     | 10  | 1.0508913    | retro-miR |
| hsa-miR-493-3p  | 326 | 216.3081924  | Others    |
| hsa-miR-493-5p  | 328 | 194.0287088  | Others    |
| hsa-miR-494-3p  | 315 | 136.8470218  | Others    |
| hsa-miR-494-5p  | 178 | 2.781522989  | Others    |
| hsa-miR-495-3p  | 322 | 77.81452416  | Others    |
| hsa-miR-495-5p  | 108 | 1.80354588   | Others    |
| hsa-miR-496     | 296 | 21.8224022   | Others    |
| hsa-miR-497-3p  | 93  | 1.149467753  | Others    |
| hsa-miR-497-5p  | 376 | 93.44758245  | Others    |
| hsa-miR-498     | 23  | 60.33932174  | Others    |
| hsa-miR-4999-3p | 27  | 0.7801326296 | Others    |
| hsa-miR-4999-5p | 142 | 1.357186225  | Others    |
| hsa-miR-499a-3p | 37  | 1.840533946  | Others    |
| hsa-miR-499a-5p | 242 | 16.24460305  | Others    |
| hsa-miR-499b-3p | 12  | 0.8692346667 | Others    |
| hsa-miR-499b-5p | 8   | 0.508651875  | Others    |
| hsa-miR-5000-3p | 268 | 3.247936642  | Others    |
| hsa-miR-5000-5p | 43  | 0.9300578837 | Others    |
| hsa-miR-5001-3p | 303 | 3.935293001  | Others    |
| hsa-miR-5001-5p | 127 | 1.955032787  | Others    |
| hsa-miR-5002-3p | 11  | 1.174107909  | Others    |
| hsa-miR-5002-5p | 144 | 4.318268382  | Others    |
| hsa-miR-5003-3p | 39  | 0.9054516154 | Others    |
| hsa-miR-5003-5p | 10  | 0.3824712    | Others    |
| hsa-miR-5004-3p | 24  | 0.5309484708 | Others    |
| hsa-miR-5004-5p | 18  | 0.7196540722 | Others    |
| hsa-miR-5006-3p | 129 | 1.515455256  | Others    |
| hsa-miR-5006-5p | 13  | 0.4221226154 | Others    |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-5007-3p | 1   | 6.50542      | Others |
| hsa-miR-5007-5p | 1   | 6.50542      | Others |
| hsa-miR-5008-3p | 93  | 2.77156028   | Others |
| hsa-miR-5008-5p | 16  | 2.115443     | Others |
| hsa-miR-5009-3p | 7   | 0.6661415714 | Others |
| hsa-miR-5009-5p | 103 | 1.146541641  | Others |
| hsa-miR-500a-3p | 399 | 826.7732504  | Others |
| hsa-miR-500a-5p | 373 | 5.261249011  | Others |
| hsa-miR-500b-3p | 336 | 5.540308323  | Others |
| hsa-miR-500b-5p | 373 | 5.545305099  | Others |
| hsa-miR-501-3p  | 399 | 438.9482622  | Others |
| hsa-miR-501-5p  | 370 | 12.59900481  | Others |
| hsa-miR-5010-3p | 310 | 4.451204719  | Others |
| hsa-miR-5010-5p | 138 | 1.36597908   | Others |
| hsa-miR-5011-3p | 8   | 6.23893825   | Others |
| hsa-miR-5011-5p | 8   | 4.779299875  | Others |
| hsa-miR-502-3p  | 399 | 34.22428753  | Others |
| hsa-miR-502-5p  | 330 | 5.37387478   | Others |
| hsa-miR-503-3p  | 279 | 5.936073717  | Others |
| hsa-miR-503-5p  | 374 | 40.86919095  | Others |
| hsa-miR-504-3p  | 45  | 1.140683956  | Others |
| hsa-miR-504-5p  | 266 | 33.72166982  | Others |
| hsa-miR-5047    | 3   | 5.93003      | Others |
| hsa-miR-505-3p  | 396 | 85.15025432  | Others |
| hsa-miR-505-5p  | 337 | 4.899711243  | Others |
| hsa-miR-506-3p  | 53  | 62.44328092  | Others |
| hsa-miR-506-5p  | 7   | 1.745476714  | Others |
| hsa-miR-507     | 12  | 7.445805667  | Others |
| hsa-miR-508-3p  | 89  | 47.04303946  | Others |
| hsa-miR-508-5p  | 21  | 30.33261071  | Others |
| hsa-miR-5087    | 25  | 1.43585188   | Others |



|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-5088-3p | 16  | 0.7227343125 | Others |
| hsa-miR-5088-5p | 55  | 0.7789396364 | Others |
| hsa-miR-5089-3p | 11  | 0.6742474545 | Others |
| hsa-miR-5089-5p | 7   | 0.437755     | Others |
| hsa-miR-509-3-5 | 24  | 16.84690996  | Others |
| hsa-miR-509-3p  | 130 | 84.39256709  | Others |
| hsa-miR-509-5p  | 23  | 20.25308565  | Others |
| hsa-miR-5090    | 58  | 0.8061041414 | Others |
| hsa-miR-5091    | 180 | 5.170495811  | Others |
| hsa-miR-5092    | 100 | 1.51008311   | Others |
| hsa-miR-5093    | 6   | 0.2539196667 | Others |
| hsa-miR-5094    | 249 | 4.731525008  | Others |
| hsa-miR-510-3p  | 5   | 1.6483402    | Others |
| hsa-miR-510-5p  | 6   | 12.20387333  | Others |
| hsa-miR-5100    | 23  | 0.6139257084 | Others |
| hsa-miR-511-3p  | 53  | 72.90236843  | Others |
| hsa-miR-511-5p  | 68  | 87.6724991   | Others |
| hsa-miR-512-3p  | 100 | 465.5486709  | Others |
| hsa-miR-512-5p  | 16  | 72.37233731  | Others |
| hsa-miR-513a-3p | 10  | 1.72550833   | Others |
| hsa-miR-513a-5p | 46  | 10.32105283  | Others |
| hsa-miR-513b-3p | 3   | 1.522537     | Others |
| hsa-miR-513b-5p | 47  | 2.993438143  | Others |
| hsa-miR-513c-3p | 10  | 2.6262095    | Others |
| hsa-miR-513c-5p | 36  | 13.71595047  | Others |
| hsa-miR-514a-3p | 69  | 53.55812501  | Others |
| hsa-miR-514a-5p | 17  | 17.04016083  | Others |
| hsa-miR-514b-3p | 13  | 3.135848237  | Others |
| hsa-miR-514b-5p | 8   | 8.61042125   | Others |
| hsa-miR-515-3p  | 18  | 62.30680367  | Others |
| hsa-miR-515-5p  | 80  | 143.6381989  | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-516a-3p | 33  | 1.175162027  | Others |
| hsa-miR-516a-5p | 115 | 607.1401304  | Others |
| hsa-miR-516b-3p | 31  | 1.43798759   | Others |
| hsa-miR-516b-5p | 82  | 181.1078953  | Others |
| hsa-miR-517-5p  | 43  | 26.7983995   | Others |
| hsa-miR-517a-3p | 49  | 100.9841705  | Others |
| hsa-miR-517b-3p | 49  | 100.7204501  | Others |
| hsa-miR-517c-3p | 48  | 27.3247243   | Others |
| hsa-miR-5187-3p | 67  | 1.18192697   | Others |
| hsa-miR-5187-5p | 56  | 1.167168161  | Others |
| hsa-miR-5188    | 62  | 0.8745955    | Others |
| hsa-miR-5189-3p | 73  | 1.230527534  | Others |
| hsa-miR-5189-5p | 92  | 1.044902685  | Others |
| hsa-miR-518a-3p | 37  | 141.6556032  | Others |
| hsa-miR-518a-5p | 54  | 71.86840332  | Others |
| hsa-miR-518b    | 54  | 227.8614189  | Others |
| hsa-miR-518c-3p | 47  | 69.66336317  | Others |
| hsa-miR-518c-5p | 43  | 4.260721241  | Others |
| hsa-miR-518d-3p | 7   | 16.85999851  | Others |
| hsa-miR-518d-5p | 51  | 1.714216728  | Others |
| hsa-miR-518e-3p | 28  | 128.0889652  | Others |
| hsa-miR-518e-5p | 51  | 4.70180392   | Others |
| hsa-miR-518f-3p | 36  | 108.0893783  | Others |
| hsa-miR-518f-5p | 28  | 11.47414036  | Others |
| hsa-miR-5190    | 20  | 0.34293605   | Others |
| hsa-miR-5191    | 31  | 1.178091226  | Others |
| hsa-miR-5192    | 1   | 0.19328      | Others |
| hsa-miR-5192-5p | 1   | 0.240645     | Others |
| hsa-miR-5193    | 58  | 1.241471603  | Others |
| hsa-miR-5194    | 12  | 0.7233998333 | Others |
| hsa-miR-5195-3p | 1   | 0.529784     | Others |

|                 |    |              |        |
|-----------------|----|--------------|--------|
| hsa-miR-5195-5p | 2  | 0.3033375    | Others |
| hsa-miR-5196-3p | 13 | 9.693189923  | Others |
| hsa-miR-5196-5p | 2  | 0.2741035    | Others |
| hsa-miR-5197-5p | 3  | 0.8401136667 | Others |
| hsa-miR-519a-3p | 53 | 76.39641195  | Others |
| hsa-miR-519a-5p | 49 | 30.47384334  | Others |
| hsa-miR-519b-3p | 21 | 32.32746313  | Others |
| hsa-miR-519b-5p | 51 | 3.650009243  | Others |
| hsa-miR-519c-3p | 56 | 95.29706327  | Others |
| hsa-miR-519c-5p | 51 | 3.204082953  | Others |
| hsa-miR-519d-3p | 41 | 45.9391101   | Others |
| hsa-miR-519d-5p | 27 | 18.28238581  | Others |
| hsa-miR-519e-3p | 59 | 1.346879453  | Others |
| hsa-miR-519e-5p | 8  | 22.31090325  | Others |
| hsa-miR-520a-3p | 59 | 267.217843   | Others |
| hsa-miR-520a-5p | 33 | 78.06834533  | Others |
| hsa-miR-520b    | 58 | 17.51159345  | Others |
| hsa-miR-520c-3p | 58 | 16.99367966  | Others |
| hsa-miR-520c-5p | 51 | 1.438447864  | Others |
| hsa-miR-520d-3p | 30 | 62.67452134  | Others |
| hsa-miR-520d-5p | 50 | 29.6946112   | Others |
| hsa-miR-520e    | 32 | 11.14482743  | Others |
| hsa-miR-520f-3p | 55 | 48.20771808  | Others |
| hsa-miR-520f-5p | 40 | 0.2711950968 | Others |
| hsa-miR-520g-3p | 46 | 52.21830785  | Others |
| hsa-miR-520g-5p | 15 | 8.399412632  | Others |
| hsa-miR-520h    | 31 | 2.953298795  | Others |
| hsa-miR-521     | 14 | 61.78078694  | Others |
| hsa-miR-522-3p  | 76 | 34.74603138  | Others |
| hsa-miR-522-5p  | 51 | 4.330165697  | Others |
| hsa-miR-523-3p  | 19 | 150.5292286  | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-523-5p  | 51  | 3.672819048  | Others |
| hsa-miR-524-3p  | 18  | 70.38335622  | Others |
| hsa-miR-524-5p  | 23  | 24.4272261   | Others |
| hsa-miR-525-3p  | 12  | 47.11981955  | Others |
| hsa-miR-525-5p  | 37  | 95.01702721  | Others |
| hsa-miR-526a    | 51  | 3.032560928  | Others |
| hsa-miR-526a-1- | 17  | 9.885510134  | Others |
| hsa-miR-526b-3p | 37  | 1.520380557  | Others |
| hsa-miR-526b-5p | 44  | 48.6555079   | Others |
| hsa-miR-527     | 53  | 43.72197616  | Others |
| hsa-miR-532-3p  | 399 | 49.92595243  | Others |
| hsa-miR-532-5p  | 399 | 666.5792539  | Others |
| hsa-miR-539-3p  | 311 | 97.4889684   | Others |
| hsa-miR-539-5p  | 283 | 17.162019    | Others |
| hsa-miR-541-3p  | 192 | 6.60305025   | Others |
| hsa-miR-541-5p  | 238 | 6.497512584  | Others |
| hsa-miR-542-3p  | 376 | 56.84862241  | Others |
| hsa-miR-542-5p  | 361 | 12.0066448   | Others |
| hsa-miR-543     | 317 | 53.73955734  | Others |
| hsa-miR-544a    | 75  | 1.698909     | Others |
| hsa-miR-544a-5p | 69  | 5.26175158   | Others |
| hsa-miR-544b    | 89  | 2.932160292  | Others |
| hsa-miR-545-3p  | 136 | 1.555746765  | Others |
| hsa-miR-545-5p  | 249 | 2.411431791  | Others |
| hsa-miR-548a-3p | 113 | 1.70685323   | Others |
| hsa-miR-548a-5p | 108 | 1.660391694  | Others |
| hsa-miR-548aa   | 2   | 0.787388     | Others |
| hsa-miR-548ab   | 137 | 0.6253626604 | Others |
| hsa-miR-548ac   | 69  | 1.112897893  | Others |
| hsa-miR-548ad-3 | 6   | 0.2666298623 | Others |
| hsa-miR-548ad-5 | 45  | 0.6594988256 | Others |

|                 |     |               |        |
|-----------------|-----|---------------|--------|
| hsa-miR-548ae-3 | 17  | 0.07873065504 | Others |
| hsa-miR-548ae-5 | 282 | 0.5722058963  | Others |
| hsa-miR-548ag   | 50  | 2.99487437    | Others |
| hsa-miR-548ag-2 | 54  | 4.497806241   | Others |
| hsa-miR-548ah-3 | 264 | 2.652727467   | Others |
| hsa-miR-548ah-5 | 63  | 6.472612786   | Others |
| hsa-miR-548ai   | 126 | 0.7102943376  | Others |
| hsa-miR-548aj-3 | 19  | 0.1074614637  | Others |
| hsa-miR-548aj-5 | 18  | 0.2114988615  | Others |
| hsa-miR-548ak   | 89  | 0.5971953135  | Others |
| hsa-miR-548al   | 274 | 2.39167692    | Others |
| hsa-miR-548am-3 | 193 | 0.3500178069  | Others |
| hsa-miR-548am-5 | 30  | 1.159596134   | Others |
| hsa-miR-548an   | 18  | 0.5328078309  | Others |
| hsa-miR-548an-3 | 3   | 1.443195667   | Others |
| hsa-miR-548ao-3 | 148 | 1.658158822   | Others |
| hsa-miR-548ao-5 | 8   | 1.214114859   | Others |
| hsa-miR-548ap-5 | 66  | 0.2332925723  | Others |
| hsa-miR-548aq-3 | 91  | 0.01592110243 | Others |
| hsa-miR-548aq-5 | 87  | 1.491246384   | Others |
| hsa-miR-548ar-3 | 131 | 1.621520374   | Others |
| hsa-miR-548ar-5 | 26  | 0.3404051906  | Others |
| hsa-miR-548as-3 | 15  | 0.7515211333  | Others |
| hsa-miR-548as-5 | 116 | 1.00465535    | Others |
| hsa-miR-548at-3 | 23  | 0.785089899   | Others |
| hsa-miR-548at-5 | 155 | 1.472179006   | Others |
| hsa-miR-548au-3 | 8   | 1.0461655     | Others |
| hsa-miR-548au-5 | 229 | 2.726017647   | Others |
| hsa-miR-548av-3 | 67  | 0.3512326748  | Others |
| hsa-miR-548av-5 | 175 | 0.01068860689 | Others |
| hsa-miR-548aw   | 102 | 0.967537902   | Others |

|                  |     |               |        |
|------------------|-----|---------------|--------|
| hsa-miR-548aw-3p | 60  | 0.8641132833  | Others |
| hsa-miR-548ax    | 59  | 1.510179224   | Others |
| hsa-miR-548ay-3p | 253 | 2.047729348   | Others |
| hsa-miR-548ay-5p | 74  | 0.8240398145  | Others |
| hsa-miR-548az-3p | 27  | 0.5309820741  | Others |
| hsa-miR-548az-5p | 129 | 3.002459504   | Others |
| hsa-miR-548b-3p  | 108 | 1.762193009   | Others |
| hsa-miR-548b-5p  | 95  | 2.721795726   | Others |
| hsa-miR-548ba    | 83  | 1.972115952   | Others |
| hsa-miR-548bb-3p | 4   | 0.3001044103  | Others |
| hsa-miR-548bb-5p | 1   | 0.210381      | Others |
| hsa-miR-548c-3p  | 1   | 0.763836      | Others |
| hsa-miR-548c-5p  | 6   | 4.845994833   | Others |
| hsa-miR-548d-3p  | 145 | 1.427978194   | Others |
| hsa-miR-548d-5p  | 97  | 0.8926428436  | Others |
| hsa-miR-548e-3p  | 382 | 43.04143913   | Others |
| hsa-miR-548e-5p  | 366 | 10.00982844   | Others |
| hsa-miR-548f-3p  | 224 | 40.43452048   | Others |
| hsa-miR-548f-5p  | 18  | 0.5905553501  | Others |
| hsa-miR-548g-3p  | 113 | 0.07491754126 | Others |
| hsa-miR-548g-5p  | 3   | 0.4057483333  | Others |
| hsa-miR-548h-3p  | 3   | 1.112553333   | Others |
| hsa-miR-548h-5p  | 353 | 11.55375225   | Others |
| hsa-miR-548i     | 308 | 0.8561137101  | Others |
| hsa-miR-548j-3p  | 147 | 2.198373027   | Others |
| hsa-miR-548j-5p  | 214 | 2.366727483   | Others |
| hsa-miR-548k     | 395 | 70.35074248   | Others |
| hsa-miR-548l     | 217 | 1.938909562   | Others |
| hsa-miR-548m     | 11  | 0.124288255   | Others |
| hsa-miR-548n     | 279 | 2.830124608   | Others |
| hsa-miR-548o-3p  | 383 | 22.16310935   | Others |

|                 |     |               |        |
|-----------------|-----|---------------|--------|
| hsa-miR-548o-5p | 8   | 1.702277875   | Others |
| hsa-miR-548p    | 268 | 2.768707096   | Others |
| hsa-miR-548q    | 106 | 0.9299389481  | Others |
| hsa-miR-548s    | 324 | 3.849953464   | Others |
| hsa-miR-548t-3p | 2   | 0.863171      | Others |
| hsa-miR-548t-5p | 38  | 0.4152152693  | Others |
| hsa-miR-548u    | 200 | 2.19417542    | Others |
| hsa-miR-548v    | 69  | 2.111648826   | Others |
| hsa-miR-548w    | 294 | 4.638374973   | Others |
| hsa-miR-548x-2- | 33  | 0.8283829424  | Others |
| hsa-miR-548x-3p | 17  | 1.631971      | Others |
| hsa-miR-548x-5p | 3   | 0.5912616667  | Others |
| hsa-miR-548y    | 54  | 2.266498151   | Others |
| hsa-miR-548y-3p | 98  | 1.830633928   | Others |
| hsa-miR-548z    | 3   | 0.9638253333  | Others |
| hsa-miR-549a    | 167 | 6.580966216   | Others |
| hsa-miR-549a-5p | 241 | 18.9728598    | Others |
| hsa-miR-550a-3- | 377 | 0.3680542838  | Others |
| hsa-miR-550a-3p | 382 | 15.88476943   | Others |
| hsa-miR-550a-5p | 377 | 13.66018616   | Others |
| hsa-miR-550b-2- | 82  | 0.0386011199  | Others |
| hsa-miR-550b-3p | 85  | 0.05982718305 | Others |
| hsa-miR-551a    | 120 | 4.8256812     | Others |
| hsa-miR-551b-3p | 151 | 8.628199119   | Others |
| hsa-miR-551b-5p | 54  | 1.849961981   | Others |
| hsa-miR-552-3p  | 15  | 2.594183667   | Others |
| hsa-miR-552-5p  | 13  | 1.833655538   | Others |
| hsa-miR-553     | 1   | 0.250886      | Others |
| hsa-miR-555     | 2   | 0.936168      | Others |
| hsa-miR-556-3p  | 109 | 2.847187229   | Others |
| hsa-miR-556-5p  | 141 | 5.013814014   | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-557     | 1   | 1.52567      | Others |
| hsa-miR-5571-3p | 7   | 0.6531234286 | Others |
| hsa-miR-5571-5p | 1   | 0.752658     | Others |
| hsa-miR-5572    | 1   | 0.000515509  | Others |
| hsa-miR-5579-3p | 107 | 2.199027561  | Others |
| hsa-miR-5579-5p | 84  | 1.581532131  | Others |
| hsa-miR-558     | 2   | 1.491515     | Others |
| hsa-miR-5580-3p | 31  | 0.778739129  | Others |
| hsa-miR-5580-5p | 33  | 0.4751071818 | Others |
| hsa-miR-5581-3p | 263 | 2.074908441  | Others |
| hsa-miR-5581-5p | 6   | 1.115051667  | Others |
| hsa-miR-5582-3p | 151 | 1.340683974  | Others |
| hsa-miR-5582-5p | 7   | 3.344051429  | Others |
| hsa-miR-5583-3p | 58  | 1.37089331   | Others |
| hsa-miR-5583-5p | 24  | 1.633744375  | Others |
| hsa-miR-5584-3p | 4   | 1.59346525   | Others |
| hsa-miR-5584-5p | 13  | 0.68289      | Others |
| hsa-miR-5585-3p | 1   | 0.14069      | Others |
| hsa-miR-5585-5p | 40  | 1.25903205   | Others |
| hsa-miR-5586-3p | 15  | 0.7134098667 | Others |
| hsa-miR-5586-5p | 40  | 1.748897575  | Others |
| hsa-miR-5587-3p | 173 | 1.657570121  | Others |
| hsa-miR-5587-5p | 86  | 1.359164012  | Others |
| hsa-miR-5588-3p | 46  | 1.319387826  | Others |
| hsa-miR-5588-5p | 140 | 1.6082063    | Others |
| hsa-miR-5589-3p | 5   | 9.5746118    | Others |
| hsa-miR-5589-5p | 4   | 2.18048      | Others |
| hsa-miR-559     | 4   | 0.61123325   | Others |
| hsa-miR-559-3p  | 39  | 1.483122821  | Others |
| hsa-miR-5590-3p | 3   | 1.532485     | Others |
| hsa-miR-5590-5p | 4   | 1.936674     | Others |



|                  |     |               |        |
|------------------|-----|---------------|--------|
| hsa-miR-5591-3p  | 8   | 0.5812635     | Others |
| hsa-miR-5591-5p  | 2   | 0.6346395     | Others |
| hsa-miR-561-3p   | 157 | 2.385895465   | Others |
| hsa-miR-561-5p   | 347 | 90.70397476   | Others |
| hsa-miR-563-5p   | 1   | 0.232656      | Others |
| hsa-miR-564      | 3   | 1.240739333   | Others |
| hsa-miR-564-3p   | 30  | 0.9829816333  | Others |
| hsa-miR-567      | 2   | 0.8468475     | Others |
| hsa-miR-5680     | 130 | 2.459832046   | Others |
| hsa-miR-5681a-5p | 1   | 0.209006      | Others |
| hsa-miR-5682     | 10  | 1.1436576     | Others |
| hsa-miR-5682-5p  | 22  | 1.662321727   | Others |
| hsa-miR-5683     | 131 | 3.032249595   | Others |
| hsa-miR-5684     | 48  | 0.7444787708  | Others |
| hsa-miR-5685     | 9   | 0.7695624444  | Others |
| hsa-miR-5687     | 6   | 0.47223       | Others |
| hsa-miR-5687-5p  | 32  | 0.6079116875  | Others |
| hsa-miR-5688     | 15  | 1.3062076     | Others |
| hsa-miR-5689     | 25  | 0.660948      | Others |
| hsa-miR-5689-3p  | 25  | 0.58555084    | Others |
| hsa-miR-5690     | 299 | 6.380699225   | Others |
| hsa-miR-5691     | 40  | 3.105157275   | Others |
| hsa-miR-5692a    | 2   | 0.211426      | Others |
| hsa-miR-5692b    | 12  | 0.02907880983 | Others |
| hsa-miR-5692c    | 14  | 0.4358952143  | Others |
| hsa-miR-5692c-2  | 5   | 0.2574764     | Others |
| hsa-miR-5693     | 14  | 0.2599520462  | Others |
| hsa-miR-5694     | 5   | 0.1969622     | Others |
| hsa-miR-5694-3p  | 3   | 0.2433086667  | Others |
| hsa-miR-5695     | 139 | 1.892594827   | Others |
| hsa-miR-5696     | 147 | 1.241964531   | Others |

|                 |     |              |           |
|-----------------|-----|--------------|-----------|
| hsa-miR-5696-3p | 211 | 2.142941237  | Others    |
| hsa-miR-5697    | 67  | 0.8857517463 | Others    |
| hsa-miR-5698    | 39  | 0.6385018205 | Others    |
| hsa-miR-5699-3p | 250 | 3.493901812  | Others    |
| hsa-miR-5699-5p | 301 | 4.256652827  | Others    |
| hsa-miR-570-3p  | 171 | 1.484070801  | Others    |
| hsa-miR-570-5p  | 124 | 0.7247689887 | Others    |
| hsa-miR-5700    | 24  | 1.161829333  | Others    |
| hsa-miR-5701    | 396 | 0.4108240339 | Others    |
| hsa-miR-5702    | 11  | 2.023371545  | Others    |
| hsa-miR-5703    | 15  | 0.6977982667 | Others    |
| hsa-miR-5704-3p | 3   | 1.005021333  | Others    |
| hsa-miR-5705    | 16  | 0.331557875  | Others    |
| hsa-miR-5706    | 136 | 1.351892463  | Others    |
| hsa-miR-5707    | 4   | 0.18886225   | Others    |
| hsa-miR-5708    | 10  | 0.317792     | Others    |
| hsa-miR-5708-3p | 1   | 0.965028     | Others    |
| hsa-miR-571     | 3   | 0.6469233333 | Others    |
| hsa-miR-571-5p  | 3   | 3.740306333  | Others    |
| hsa-miR-572     | 20  | 1.2939693    | retro-miR |
| hsa-miR-572-5p  | 6   | 2.596655167  | Others    |
| hsa-miR-573     | 206 | 32.10639757  | Others    |
| hsa-miR-5739    | 2   | 0.1942145    | Others    |
| hsa-miR-574-3p  | 398 | 546.8329514  | Others    |
| hsa-miR-574-5p  | 348 | 17.39053     | Others    |
| hsa-miR-576-3p  | 327 | 5.235578563  | Others    |
| hsa-miR-576-5p  | 388 | 34.91666173  | Others    |
| hsa-miR-577     | 210 | 36.22969178  | Others    |
| hsa-miR-578     | 24  | 0.5636692083 | Others    |
| hsa-miR-578-5p  | 80  | 2.390843825  | Others    |
| hsa-miR-579-3p  | 127 | 1.158583037  | Others    |

|                |     |              |        |
|----------------|-----|--------------|--------|
| hsa-miR-579-5p | 228 | 1.659279349  | Others |
| hsa-miR-580-3p | 274 | 3.257363518  | Others |
| hsa-miR-580-5p | 37  | 1.238873189  | Others |
| hsa-miR-581    | 56  | 0.8309283929 | Others |
| hsa-miR-582-3p | 364 | 75.51603595  | Others |
| hsa-miR-582-5p | 346 | 46.25925401  | Others |
| hsa-miR-583    | 1   | 2.06739      | Others |
| hsa-miR-583-3p | 18  | 1.055670152  | Others |
| hsa-miR-584-3p | 122 | 2.178712355  | Others |
| hsa-miR-584-5p | 382 | 155.0222128  | Others |
| hsa-miR-585-3p | 174 | 6.838303374  | Others |
| hsa-miR-585-5p | 119 | 3.353350269  | Others |
| hsa-miR-586    | 69  | 0.9881528551 | Others |
| hsa-miR-587    | 3   | 3.211489333  | Others |
| hsa-miR-588    | 53  | 1.335034321  | Others |
| hsa-miR-589-3p | 388 | 34.08967983  | Others |
| hsa-miR-589-5p | 399 | 279.3181358  | Others |
| hsa-miR-590-3p | 377 | 48.73547629  | Others |
| hsa-miR-590-5p | 308 | 3.89613011   | Others |
| hsa-miR-592    | 99  | 6.715159384  | Others |
| hsa-miR-595    | 1   | 0.00282086   | Others |
| hsa-miR-596    | 2   | 1.126903     | Others |
| hsa-miR-597-3p | 183 | 1.349217355  | Others |
| hsa-miR-597-5p | 134 | 1.855842627  | Others |
| hsa-miR-598-3p | 366 | 24.97776801  | Others |
| hsa-miR-598-5p | 21  | 1.045647048  | Others |
| hsa-miR-599    | 12  | 0.6304654715 | Others |
| hsa-miR-599-5p | 29  | 0.7936171379 | Others |
| hsa-miR-600    | 45  | 1.514248156  | Others |
| hsa-miR-600-5p | 65  | 1.730824738  | Others |
| hsa-miR-602    | 47  | 0.8568929491 | Others |

|                 |     |                |        |
|-----------------|-----|----------------|--------|
| hsa-miR-603     | 3   | 0.229216       | Others |
| hsa-miR-605-3p  | 201 | 5.505928328    | Others |
| hsa-miR-605-5p  | 169 | 2.137721627    | Others |
| hsa-miR-606     | 6   | 0.5938643333   | Others |
| hsa-miR-607     | 37  | 1.044322703    | Others |
| hsa-miR-607-5p  | 101 | 1.290693574    | Others |
| hsa-miR-6071    | 1   | 0.150642       | Others |
| hsa-miR-6073    | 1   | 0.144069       | Others |
| hsa-miR-6073-5p | 3   | 0.5705063333   | Others |
| hsa-miR-6078    | 1   | 1.97258        | Others |
| hsa-miR-6080    | 3   | 1.609733333    | Others |
| hsa-miR-6081    | 1   | 0.240645       | Others |
| hsa-miR-6084    | 4   | 0.733203       | Others |
| hsa-miR-6086    | 1   | 0.168138       | Others |
| hsa-miR-6087    | 1   | 2.8264         | Others |
| hsa-miR-6089    | 9   | 1.156661889    | Others |
| hsa-miR-609     | 8   | 1.027718375    | Others |
| hsa-miR-6090    | 2   | 0.7623785      | Others |
| hsa-miR-610     | 89  | 1.338151056    | Others |
| hsa-miR-611     | 35  | 1.054793543    | Others |
| hsa-miR-612     | 21  | 1.669386381    | Others |
| hsa-miR-612-3p  | 21  | 2.82456349     | Others |
| hsa-miR-6125    | 131 | 1.770904511    | Others |
| hsa-miR-6128    | 21  | 0.001202178072 | Others |
| hsa-miR-6129    | 118 | 0.03206413098  | Others |
| hsa-miR-613     | 1   | 0.63118        | Others |
| hsa-miR-6130    | 298 | 0.002438327888 | Others |
| hsa-miR-6131    | 40  | 0.05275916525  | Others |
| hsa-miR-6132    | 31  | 1.161493387    | Others |
| hsa-miR-6132-3p | 167 | 2.453960826    | Others |
| hsa-miR-6133    | 7   | 0.02342297437  | Others |

|                |     |                |           |
|----------------|-----|----------------|-----------|
| hsa-miR-6134   | 88  | 0.002052281866 | Others    |
| hsa-miR-614-5p | 9   | 0.264707       | Others    |
| hsa-miR-615-3p | 309 | 331.8445301    | Others    |
| hsa-miR-615-5p | 180 | 7.762015361    | Others    |
| hsa-miR-616-3p | 151 | 1.337215291    | Others    |
| hsa-miR-616-5p | 372 | 10.02716059    | Others    |
| hsa-miR-617    | 3   | 1.083242333    | Others    |
| hsa-miR-618    | 268 | 12.18824605    | Others    |
| hsa-miR-619-3p | 5   | 1.1199856      | Others    |
| hsa-miR-619-5p | 1   | 3.12408        | Others    |
| hsa-miR-622    | 6   | 2.873285333    | retro-miR |
| hsa-miR-623    | 1   | 0.410595       | Others    |
| hsa-miR-624-3p | 191 | 1.582593749    | Others    |
| hsa-miR-624-5p | 311 | 3.892916215    | Others    |
| hsa-miR-625-3p | 392 | 46.98344861    | Others    |
| hsa-miR-625-5p | 386 | 32.05640873    | Others    |
| hsa-miR-627-3p | 294 | 3.441126082    | Others    |
| hsa-miR-627-5p | 306 | 3.926648725    | Others    |
| hsa-miR-628-3p | 356 | 8.656561652    | Others    |
| hsa-miR-628-5p | 365 | 14.07683494    | Others    |
| hsa-miR-629-3p | 340 | 5.279917815    | Others    |
| hsa-miR-629-5p | 394 | 50.44277909    | Others    |
| hsa-miR-630    | 3   | 4.091016667    | Others    |
| hsa-miR-631    | 1   | 0.168537       | Others    |
| hsa-miR-631-3p | 1   | 15.3401        | Others    |
| hsa-miR-632    | 14  | 2.199904929    | Others    |
| hsa-miR-633    | 6   | 0.6888491667   | Others    |
| hsa-miR-635    | 2   | 0.4731405      | Others    |
| hsa-miR-636    | 259 | 3.369001876    | Others    |
| hsa-miR-637    | 2   | 0.409581       | Others    |
| hsa-miR-638    | 5   | 0.02903805298  | Others    |

|                 |     |               |        |
|-----------------|-----|---------------|--------|
| hsa-miR-639     | 26  | 2.423087846   | Others |
| hsa-miR-641     | 392 | 20.79058964   | Others |
| hsa-miR-642a-3p | 133 | 3.594555397   | Others |
| hsa-miR-642a-5p | 142 | 4.296155158   | Others |
| hsa-miR-642b-3p | 131 | 0.2716757789  | Others |
| hsa-miR-642b-5p | 142 | 0.03659293695 | Others |
| hsa-miR-643     | 243 | 2.491687556   | Others |
| hsa-miR-644a    | 1   | 3.3021        | Others |
| hsa-miR-6499-5p | 35  | 7.952848857   | Others |
| hsa-miR-650     | 2   | 0.7143065     | Others |
| hsa-miR-650-3p  | 11  | 5.534803818   | Others |
| hsa-miR-6500-3p | 139 | 5.988320549   | Others |
| hsa-miR-6500-5p | 11  | 0.6430802727  | Others |
| hsa-miR-6501-3p | 54  | 0.7804914815  | Others |
| hsa-miR-6501-5p | 117 | 2.319520171   | Others |
| hsa-miR-6502-3p | 3   | 0.7289703333  | Others |
| hsa-miR-6502-5p | 74  | 2.584223095   | Others |
| hsa-miR-6503-3p | 48  | 45.95104565   | Others |
| hsa-miR-6503-5p | 39  | 26.66147262   | Others |
| hsa-miR-6504-5p | 27  | 0.7476414074  | Others |
| hsa-miR-6505-3p | 71  | 1.044531187   | Others |
| hsa-miR-6505-5p | 122 | 1.171867847   | Others |
| hsa-miR-6506-3p | 1   | 0.132119      | Others |
| hsa-miR-6506-5p | 11  | 0.5846309091  | Others |
| hsa-miR-6507-3p | 4   | 0.62389575    | Others |
| hsa-miR-6507-5p | 18  | 1.703598333   | Others |
| hsa-miR-6508-3p | 57  | 0.6590161228  | Others |
| hsa-miR-6508-5p | 49  | 0.5681014286  | Others |
| hsa-miR-6509-3p | 69  | 0.9376398696  | Others |
| hsa-miR-6509-5p | 92  | 1.125725587   | Others |
| hsa-miR-651-3p  | 5   | 0.8143718     | Others |

|                  |     |              |        |
|------------------|-----|--------------|--------|
| hsa-miR-651-5p   | 292 | 6.005315658  | Others |
| hsa-miR-6510-3p  | 90  | 14.64901321  | Others |
| hsa-miR-6510-5p  | 3   | 3.026723333  | Others |
| hsa-miR-6511a-3p | 391 | 6.834367035  | Others |
| hsa-miR-6511a-5p | 240 | 1.894070988  | Others |
| hsa-miR-6511b-3p | 392 | 6.971450971  | Others |
| hsa-miR-6511b-5p | 240 | 0.9593031408 | Others |
| hsa-miR-6512-3p  | 3   | 0.5111066667 | Others |
| hsa-miR-6512-5p  | 19  | 1.335087526  | Others |
| hsa-miR-6513-3p  | 193 | 2.133483078  | Others |
| hsa-miR-6513-5p  | 140 | 1.604408214  | Others |
| hsa-miR-6514-3p  | 84  | 1.074792468  | Others |
| hsa-miR-6514-5p  | 143 | 1.257037042  | Others |
| hsa-miR-6515-3p  | 85  | 1.723061918  | Others |
| hsa-miR-6515-5p  | 120 | 1.441634983  | Others |
| hsa-miR-6516-3p  | 270 | 6.038130511  | Others |
| hsa-miR-6516-5p  | 186 | 2.631139016  | Others |
| hsa-miR-652-3p   | 398 | 129.4949538  | Others |
| hsa-miR-652-5p   | 326 | 10.20141928  | Others |
| hsa-miR-653-3p   | 52  | 32.80675419  | Others |
| hsa-miR-653-5p   | 146 | 199.4584049  | Others |
| hsa-miR-654-3p   | 375 | 1971.877031  | Others |
| hsa-miR-654-5p   | 299 | 42.80139782  | Others |
| hsa-miR-655-3p   | 276 | 17.07762765  | Others |
| hsa-miR-655-5p   | 158 | 2.369404775  | Others |
| hsa-miR-656-3p   | 289 | 35.78706046  | Others |
| hsa-miR-656-5p   | 115 | 1.810472843  | Others |
| hsa-miR-657      | 4   | 0.1113329256 | Others |
| hsa-miR-657-5p   | 2   | 0.2339835    | Others |
| hsa-miR-658      | 16  | 0.9936884375 | Others |
| hsa-miR-659-3p   | 69  | 1.53552542   | Others |

|                  |     |              |        |
|------------------|-----|--------------|--------|
| hsa-miR-659-5p   | 346 | 6.275584483  | Others |
| hsa-miR-660-3p   | 297 | 3.630102347  | Others |
| hsa-miR-660-5p   | 395 | 351.138974   | Others |
| hsa-miR-661      | 7   | 0.4235821429 | Others |
| hsa-miR-661-5p   | 3   | 0.505429     | Others |
| hsa-miR-662      | 4   | 0.5331125    | Others |
| hsa-miR-664a-3p  | 384 | 37.87359378  | Others |
| hsa-miR-664a-5p  | 310 | 7.421457497  | Others |
| hsa-miR-664b-3p  | 304 | 3.240405073  | Others |
| hsa-miR-664b-5p  | 195 | 2.036169082  | Others |
| hsa-miR-665      | 310 | 59.09233769  | Others |
| hsa-miR-668-3p   | 271 | 11.10753037  | Others |
| hsa-miR-668-5p   | 7   | 0.967701     | Others |
| hsa-miR-670-3p   | 30  | 4.763128     | Others |
| hsa-miR-670-5p   | 3   | 2.017554333  | Others |
| hsa-miR-671-3p   | 399 | 178.7705702  | Others |
| hsa-miR-671-5p   | 397 | 37.9699661   | Others |
| hsa-miR-6715a-3p | 48  | 1.21687184   | Others |
| hsa-miR-6715b-3p | 9   | 0.4647553333 | Others |
| hsa-miR-6715b-5p | 3   | 0.4645116667 | Others |
| hsa-miR-6716-3p  | 305 | 4.430439413  | Others |
| hsa-miR-6716-5p  | 14  | 1.536805286  | Others |
| hsa-miR-6717-5p  | 3   | 1.152432667  | Others |
| hsa-miR-6718-5p  | 21  | 4.391227857  | Others |
| hsa-miR-6719-3p  | 5   | 0.043922198  | Others |
| hsa-miR-6719-5p  | 1   | 0.649049     | Others |
| hsa-miR-6720-3p  | 53  | 1.127315383  | Others |
| hsa-miR-6720-5p  | 72  | 1.874750611  | Others |
| hsa-miR-6721-5p  | 78  | 1.109150923  | Others |
| hsa-miR-6722-3p  | 1   | 0.233608     | Others |
| hsa-miR-6722-5p  | 2   | 1.63572      | Others |



|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-6723-3p | 57  | 0.7372832045 | Others |
| hsa-miR-6723-5p | 311 | 0.4998204831 | Others |
| hsa-miR-6726-3p | 168 | 1.491964012  | Others |
| hsa-miR-6726-5p | 12  | 0.7099996667 | Others |
| hsa-miR-6727-3p | 34  | 0.9546122059 | Others |
| hsa-miR-6727-5p | 47  | 1.519564255  | Others |
| hsa-miR-6728-3p | 8   | 0.84533025   | Others |
| hsa-miR-6728-5p | 42  | 0.6668281667 | Others |
| hsa-miR-6729-3p | 84  | 1.319946119  | Others |
| hsa-miR-6729-5p | 45  | 1.272233511  | Others |
| hsa-miR-6730-3p | 38  | 1.361841368  | Others |
| hsa-miR-6730-5p | 58  | 1.019261034  | Others |
| hsa-miR-6731-3p | 58  | 3.756400845  | Others |
| hsa-miR-6731-5p | 8   | 0.715684625  | Others |
| hsa-miR-6732-3p | 199 | 2.404332734  | Others |
| hsa-miR-6732-5p | 22  | 0.8300161818 | Others |
| hsa-miR-6733-3p | 90  | 0.9992996278 | Others |
| hsa-miR-6733-5p | 146 | 1.276838185  | Others |
| hsa-miR-6734-3p | 55  | 1.499537964  | Others |
| hsa-miR-6734-5p | 152 | 1.591201831  | Others |
| hsa-miR-6735-3p | 102 | 0.8904905588 | Others |
| hsa-miR-6735-5p | 166 | 1.441244496  | Others |
| hsa-miR-6736-3p | 19  | 0.8123031053 | Others |
| hsa-miR-6736-5p | 16  | 0.52813375   | Others |
| hsa-miR-6737-3p | 231 | 3.43024497   | Others |
| hsa-miR-6737-5p | 8   | 0.959446     | Others |
| hsa-miR-6738-3p | 95  | 1.104447147  | Others |
| hsa-miR-6738-5p | 4   | 1.1452495    | Others |
| hsa-miR-6739-3p | 69  | 0.913240029  | Others |
| hsa-miR-6739-5p | 14  | 1.144313929  | Others |
| hsa-miR-6740-3p | 27  | 0.7947346407 | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-6740-5p | 50  | 0.59655928   | Others |
| hsa-miR-6741-3p | 254 | 2.470206717  | Others |
| hsa-miR-6741-5p | 6   | 1.017745833  | Others |
| hsa-miR-6742-3p | 191 | 1.722913152  | Others |
| hsa-miR-6742-5p | 10  | 1.2511394    | Others |
| hsa-miR-6743-3p | 61  | 1.456167852  | Others |
| hsa-miR-6743-5p | 7   | 1.777548     | Others |
| hsa-miR-6744-3p | 7   | 0.2554534286 | Others |
| hsa-miR-6744-5p | 26  | 0.9600524231 | Others |
| hsa-miR-6745    | 2   | 0.9784225    | Others |
| hsa-miR-6746-3p | 135 | 1.608234239  | Others |
| hsa-miR-6746-5p | 36  | 0.6631587583 | Others |
| hsa-miR-6747-3p | 322 | 3.901954332  | Others |
| hsa-miR-6747-5p | 12  | 1.497456     | Others |
| hsa-miR-6748-3p | 39  | 0.7103583333 | Others |
| hsa-miR-6748-5p | 13  | 1.269186615  | Others |
| hsa-miR-6749-3p | 202 | 1.87092296   | Others |
| hsa-miR-6749-5p | 14  | 0.800578     | Others |
| hsa-miR-675-3p  | 158 | 35.25570887  | Others |
| hsa-miR-675-5p  | 176 | 22.07296506  | Others |
| hsa-miR-6750-3p | 125 | 1.881436304  | Others |
| hsa-miR-6750-5p | 29  | 1.163747862  | Others |
| hsa-miR-6751-3p | 47  | 1.017897021  | Others |
| hsa-miR-6751-5p | 63  | 0.8050803968 | Others |
| hsa-miR-6752-3p | 60  | 1.15635275   | Others |
| hsa-miR-6752-5p | 1   | 0.877487     | Others |
| hsa-miR-6753-3p | 102 | 1.619819649  | Others |
| hsa-miR-6753-5p | 12  | 0.8829690833 | Others |
| hsa-miR-6754-3p | 47  | 0.9179875745 | Others |
| hsa-miR-6754-5p | 23  | 0.7463055217 | Others |
| hsa-miR-6755-3p | 20  | 0.3612695    | Others |

|                  |     |              |        |
|------------------|-----|--------------|--------|
| hsa-miR-6755-5p  | 72  | 0.8341351806 | Others |
| hsa-miR-6756-3p  | 131 | 2.002834934  | Others |
| hsa-miR-6756-5p  | 15  | 0.7762504667 | Others |
| hsa-miR-6757-3p  | 65  | 1.416042446  | Others |
| hsa-miR-6757-5p  | 53  | 1.403034321  | Others |
| hsa-miR-6758-3p  | 78  | 0.9843076154 | Others |
| hsa-miR-6758-5p  | 22  | 0.8299130909 | Others |
| hsa-miR-6759-3p  | 11  | 0.7176180909 | Others |
| hsa-miR-6759-5p  | 18  | 0.6121528333 | Others |
| hsa-miR-676-3p   | 181 | 2.631695199  | Others |
| hsa-miR-676-5p   | 48  | 1.188000354  | Others |
| hsa-miR-6760-3p  | 6   | 3.856257333  | Others |
| hsa-miR-6761-3p  | 25  | 1.41674832   | Others |
| hsa-miR-6761-5p  | 86  | 1.564006655  | Others |
| hsa-miR-6762-3p  | 148 | 1.741208845  | Others |
| hsa-miR-6762-5p  | 12  | 0.7719083333 | Others |
| hsa-miR-6763-3p  | 78  | 1.206247205  | Others |
| hsa-miR-6763-5p  | 37  | 0.8924620811 | Others |
| hsa-miR-6764-3p  | 131 | 1.076352117  | Others |
| hsa-miR-6764-5p  | 58  | 1.497554724  | Others |
| hsa-miR-6765-3p  | 97  | 2.099261969  | Others |
| hsa-miR-6765-5p  | 14  | 0.598212     | Others |
| hsa-miR-6766-3p  | 95  | 1.113160337  | Others |
| hsa-miR-6766-5p  | 7   | 0.3744447143 | Others |
| hsa-miR-6767-3p  | 4   | 0.362904     | Others |
| hsa-miR-6767-5p  | 35  | 0.6707715429 | Others |
| hsa-miR-6768-3p  | 12  | 0.6447488658 | Others |
| hsa-miR-6768-5p  | 35  | 1.066383771  | Others |
| hsa-miR-6769a-3p | 12  | 0.9349339167 | Others |
| hsa-miR-6769a-5p | 12  | 0.80220075   | Others |
| hsa-miR-6769b-3p | 275 | 3.255254855  | Others |

|                  |     |              |        |
|------------------|-----|--------------|--------|
| hsa-miR-6769b-5p | 9   | 0.7121738889 | Others |
| hsa-miR-6770-3p  | 258 | 2.394134178  | Others |
| hsa-miR-6770-5p  | 98  | 1.108968921  | Others |
| hsa-miR-6771-3p  | 18  | 1.940850087  | Others |
| hsa-miR-6771-5p  | 15  | 1.661506467  | Others |
| hsa-miR-6772-3p  | 176 | 1.56353775   | Others |
| hsa-miR-6772-5p  | 3   | 0.5098333333 | Others |
| hsa-miR-6773-3p  | 17  | 0.4966851765 | Others |
| hsa-miR-6773-5p  | 54  | 3.20980763   | Others |
| hsa-miR-6774-3p  | 33  | 2.570472818  | Others |
| hsa-miR-6774-5p  | 22  | 1.031983364  | Others |
| hsa-miR-6775-3p  | 252 | 4.107017948  | Others |
| hsa-miR-6775-5p  | 5   | 1.200441     | Others |
| hsa-miR-6776-3p  | 61  | 1.114343803  | Others |
| hsa-miR-6776-5p  | 10  | 0.7435323    | Others |
| hsa-miR-6777-3p  | 189 | 2.878902905  | Others |
| hsa-miR-6777-5p  | 80  | 1.039409538  | Others |
| hsa-miR-6778-3p  | 25  | 0.4410066532 | Others |
| hsa-miR-6778-5p  | 3   | 0.178633     | Others |
| hsa-miR-6779-3p  | 25  | 0.92893208   | Others |
| hsa-miR-6779-5p  | 55  | 1.154275218  | Others |
| hsa-miR-6780a-3p | 38  | 0.5910773421 | Others |
| hsa-miR-6780a-5p | 78  | 1.1924875    | Others |
| hsa-miR-6780b-3p | 71  | 0.8615620704 | Others |
| hsa-miR-6780b-5p | 22  | 0.4516715455 | Others |
| hsa-miR-6781-3p  | 53  | 0.7790619623 | Others |
| hsa-miR-6781-5p  | 26  | 0.7192356538 | Others |
| hsa-miR-6782-3p  | 69  | 0.8125780435 | Others |
| hsa-miR-6782-5p  | 25  | 1.24712884   | Others |
| hsa-miR-6783-3p  | 166 | 1.846290663  | Others |
| hsa-miR-6783-5p  | 81  | 1.133592593  | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-6784-3p | 194 | 2.436442649  | Others |
| hsa-miR-6784-5p | 10  | 0.4605954    | Others |
| hsa-miR-6785-3p | 23  | 1.086424478  | Others |
| hsa-miR-6785-5p | 12  | 1.61196375   | Others |
| hsa-miR-6786-3p | 215 | 1.663403014  | Others |
| hsa-miR-6786-5p | 17  | 0.8952447647 | Others |
| hsa-miR-6787-3p | 129 | 1.712935674  | Others |
| hsa-miR-6787-5p | 26  | 0.9893592308 | Others |
| hsa-miR-6788-3p | 45  | 1.900689311  | Others |
| hsa-miR-6788-5p | 25  | 0.99063312   | Others |
| hsa-miR-6789-3p | 120 | 1.642944044  | Others |
| hsa-miR-6789-5p | 45  | 1.4817638    | Others |
| hsa-miR-6790-3p | 33  | 1.323741576  | Others |
| hsa-miR-6790-5p | 5   | 1.0197436    | Others |
| hsa-miR-6791-3p | 121 | 1.426954314  | Others |
| hsa-miR-6791-5p | 3   | 0.672603     | Others |
| hsa-miR-6792-3p | 4   | 1.2393125    | Others |
| hsa-miR-6792-5p | 8   | 1.98737175   | Others |
| hsa-miR-6793-3p | 157 | 1.503911389  | Others |
| hsa-miR-6793-5p | 57  | 0.9737851579 | Others |
| hsa-miR-6794-3p | 30  | 1.532346067  | Others |
| hsa-miR-6794-5p | 16  | 1.052246688  | Others |
| hsa-miR-6795-3p | 43  | 2.088462023  | Others |
| hsa-miR-6795-5p | 13  | 0.4245690769 | Others |
| hsa-miR-6796-3p | 40  | 1.8097166    | Others |
| hsa-miR-6796-5p | 27  | 1.587083037  | Others |
| hsa-miR-6797-3p | 208 | 2.489148338  | Others |
| hsa-miR-6797-5p | 27  | 1.857501889  | Others |
| hsa-miR-6798-3p | 306 | 4.061118497  | Others |
| hsa-miR-6798-5p | 3   | 1.148554333  | Others |
| hsa-miR-6799-3p | 62  | 1.054125419  | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-6799-5p | 16  | 1.500202375  | Others |
| hsa-miR-6800-3p | 79  | 1.065434101  | Others |
| hsa-miR-6800-5p | 15  | 0.9921334    | Others |
| hsa-miR-6801-3p | 58  | 1.218307138  | Others |
| hsa-miR-6801-5p | 14  | 0.8325263571 | Others |
| hsa-miR-6802-3p | 172 | 1.552536448  | Others |
| hsa-miR-6802-5p | 27  | 0.6171114074 | Others |
| hsa-miR-6803-3p | 259 | 3.674809788  | Others |
| hsa-miR-6803-5p | 3   | 0.5656203333 | Others |
| hsa-miR-6804-3p | 56  | 0.8333237321 | Others |
| hsa-miR-6804-5p | 55  | 1.590567782  | Others |
| hsa-miR-6805-3p | 130 | 1.505201569  | Others |
| hsa-miR-6805-5p | 51  | 1.304465451  | Others |
| hsa-miR-6806-3p | 145 | 1.108711924  | Others |
| hsa-miR-6806-5p | 6   | 0.2783481667 | Others |
| hsa-miR-6807-3p | 165 | 1.836783042  | Others |
| hsa-miR-6807-5p | 25  | 0.85551604   | Others |
| hsa-miR-6808-3p | 27  | 0.7853410741 | Others |
| hsa-miR-6809-3p | 17  | 1.431767193  | Others |
| hsa-miR-6809-5p | 56  | 1.08112375   | Others |
| hsa-miR-6810-3p | 119 | 2.084977739  | Others |
| hsa-miR-6810-5p | 41  | 0.8338660732 | Others |
| hsa-miR-6811-3p | 6   | 0.3196811667 | Others |
| hsa-miR-6811-5p | 57  | 4.399002404  | Others |
| hsa-miR-6812-3p | 210 | 1.659303095  | Others |
| hsa-miR-6812-5p | 19  | 0.7151931579 | Others |
| hsa-miR-6813-3p | 23  | 0.913054087  | Others |
| hsa-miR-6813-5p | 69  | 0.9392810145 | Others |
| hsa-miR-6814-3p | 42  | 0.9388433333 | Others |
| hsa-miR-6814-5p | 23  | 0.6982665217 | Others |
| hsa-miR-6815-3p | 41  | 0.609708122  | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-6815-5p | 90  | 0.9638544778 | Others |
| hsa-miR-6816-3p | 77  | 0.9680011299 | Others |
| hsa-miR-6816-5p | 1   | 1.35807      | Others |
| hsa-miR-6817-3p | 117 | 0.9791003846 | Others |
| hsa-miR-6817-5p | 2   | 0.270847603  | Others |
| hsa-miR-6818-3p | 94  | 1.054699191  | Others |
| hsa-miR-6818-5p | 135 | 1.323201607  | Others |
| hsa-miR-6819-3p | 289 | 3.435859391  | Others |
| hsa-miR-6819-5p | 21  | 1.274026238  | Others |
| hsa-miR-6820-3p | 57  | 1.835826702  | Others |
| hsa-miR-6820-5p | 144 | 1.500943368  | Others |
| hsa-miR-6821-3p | 44  | 0.651216     | Others |
| hsa-miR-6821-5p | 23  | 0.6450862609 | Others |
| hsa-miR-6822-3p | 2   | 0.5157275    | Others |
| hsa-miR-6822-5p | 21  | 0.774460619  | Others |
| hsa-miR-6823-3p | 15  | 1.576535467  | Others |
| hsa-miR-6823-5p | 10  | 2.0365523    | Others |
| hsa-miR-6824-3p | 254 | 1.971117988  | Others |
| hsa-miR-6824-5p | 16  | 0.9587214375 | Others |
| hsa-miR-6825-3p | 16  | 1.474776438  | Others |
| hsa-miR-6825-5p | 69  | 0.8135452899 | Others |
| hsa-miR-6826-3p | 19  | 0.5473038947 | Others |
| hsa-miR-6826-5p | 56  | 0.8735521786 | Others |
| hsa-miR-6827-3p | 142 | 1.379682474  | Others |
| hsa-miR-6827-5p | 26  | 0.585899269  | Others |
| hsa-miR-6828-3p | 22  | 1.046563364  | Others |
| hsa-miR-6828-5p | 36  | 0.9617932778 | Others |
| hsa-miR-6829-3p | 16  | 0.66636025   | Others |
| hsa-miR-6829-5p | 30  | 1.058864633  | Others |
| hsa-miR-6830-3p | 6   | 0.6124305    | Others |
| hsa-miR-6830-5p | 8   | 1.6797475    | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-6831-3p | 10  | 0.7524629    | Others |
| hsa-miR-6831-5p | 8   | 0.765524125  | Others |
| hsa-miR-6832-3p | 38  | 1.012352816  | Others |
| hsa-miR-6832-5p | 43  | 0.5290930465 | Others |
| hsa-miR-6833-3p | 93  | 0.9315050645 | Others |
| hsa-miR-6833-5p | 27  | 0.8416995185 | Others |
| hsa-miR-6834-3p | 25  | 1.1099898    | Others |
| hsa-miR-6834-5p | 6   | 0.36398      | Others |
| hsa-miR-6835-3p | 2   | 0.621722     | Others |
| hsa-miR-6835-5p | 10  | 1.3947975    | Others |
| hsa-miR-6836-3p | 74  | 1.337949392  | Others |
| hsa-miR-6836-5p | 123 | 1.33638187   | Others |
| hsa-miR-6837-3p | 167 | 1.564236263  | Others |
| hsa-miR-6837-5p | 40  | 0.98840135   | Others |
| hsa-miR-6838-3p | 5   | 0.7035516    | Others |
| hsa-miR-6838-5p | 72  | 0.8112755556 | Others |
| hsa-miR-6839-3p | 5   | 0.397625     | Others |
| hsa-miR-6839-5p | 61  | 0.9317165574 | Others |
| hsa-miR-6840-3p | 85  | 1.905427788  | Others |
| hsa-miR-6840-5p | 196 | 3.153449362  | Others |
| hsa-miR-6841-3p | 2   | 2.5698535    | Others |
| hsa-miR-6841-5p | 3   | 3.658115     | Others |
| hsa-miR-6842-3p | 270 | 12.05044172  | Others |
| hsa-miR-6842-5p | 31  | 0.954443129  | Others |
| hsa-miR-6843-3p | 46  | 1.055935848  | Others |
| hsa-miR-6844    | 148 | 1.697639446  | Others |
| hsa-miR-6845-3p | 41  | 1.314577073  | Others |
| hsa-miR-6845-5p | 72  | 1.415026476  | Others |
| hsa-miR-6846-3p | 11  | 1.598987545  | Others |
| hsa-miR-6846-5p | 4   | 0.482073325  | Others |
| hsa-miR-6847-3p | 13  | 0.7128152308 | Others |



|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-6847-5p | 121 | 1.051826438  | Others |
| hsa-miR-6848-3p | 13  | 0.884973     | Others |
| hsa-miR-6848-5p | 17  | 0.7998577647 | Others |
| hsa-miR-6849-3p | 63  | 0.8853564762 | Others |
| hsa-miR-6849-5p | 7   | 0.6703037143 | Others |
| hsa-miR-6850-3p | 112 | 1.848382732  | Others |
| hsa-miR-6850-5p | 68  | 0.9859247353 | Others |
| hsa-miR-6851-3p | 56  | 1.000348952  | Others |
| hsa-miR-6851-5p | 35  | 0.9471233429 | Others |
| hsa-miR-6852-3p | 60  | 1.093634383  | Others |
| hsa-miR-6852-5p | 336 | 4.046805756  | Others |
| hsa-miR-6853-3p | 166 | 1.545497289  | Others |
| hsa-miR-6853-5p | 7   | 0.6252202857 | Others |
| hsa-miR-6854-3p | 29  | 0.7579451828 | Others |
| hsa-miR-6854-5p | 78  | 1.129423205  | Others |
| hsa-miR-6855-3p | 118 | 1.474295839  | Others |
| hsa-miR-6855-5p | 41  | 0.6090183659 | Others |
| hsa-miR-6856-3p | 20  | 0.49627135   | Others |
| hsa-miR-6856-5p | 7   | 0.4365061429 | Others |
| hsa-miR-6857-3p | 163 | 1.610120215  | Others |
| hsa-miR-6857-5p | 9   | 0.4008684444 | Others |
| hsa-miR-6858-3p | 165 | 1.763319061  | Others |
| hsa-miR-6858-5p | 64  | 1.089301906  | Others |
| hsa-miR-6859-3p | 91  | 1.590245868  | Others |
| hsa-miR-6859-5p | 185 | 1.787965141  | Others |
| hsa-miR-6860    | 31  | 0.902259     | Others |
| hsa-miR-6861-3p | 30  | 0.6801367333 | Others |
| hsa-miR-6861-5p | 7   | 1.011613571  | Others |
| hsa-miR-6862-3p | 80  | 1.331684988  | Others |
| hsa-miR-6862-5p | 122 | 1.246326418  | Others |
| hsa-miR-6864-5p | 46  | 0.5702757826 | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-6865-3p | 26  | 1.228980038  | Others |
| hsa-miR-6865-5p | 60  | 0.7316244667 | Others |
| hsa-miR-6866-3p | 58  | 0.9919469138 | Others |
| hsa-miR-6866-5p | 169 | 1.376550456  | Others |
| hsa-miR-6867-3p | 2   | 1.0602375    | Others |
| hsa-miR-6867-5p | 13  | 0.4615766923 | Others |
| hsa-miR-6868-3p | 154 | 2.183286584  | Others |
| hsa-miR-6868-5p | 2   | 0.2263115    | Others |
| hsa-miR-6869-3p | 9   | 1.841583111  | Others |
| hsa-miR-6869-5p | 68  | 1.494708235  | Others |
| hsa-miR-6870-3p | 61  | 2.007501984  | Others |
| hsa-miR-6870-5p | 7   | 0.9032052857 | Others |
| hsa-miR-6871-3p | 56  | 0.6146321607 | Others |
| hsa-miR-6871-5p | 66  | 0.9938352879 | Others |
| hsa-miR-6872-3p | 20  | 0.56823795   | Others |
| hsa-miR-6872-5p | 12  | 0.3511851667 | Others |
| hsa-miR-6873-3p | 54  | 0.7950677963 | Others |
| hsa-miR-6873-5p | 13  | 0.5336131538 | Others |
| hsa-miR-6874-3p | 25  | 0.68194996   | Others |
| hsa-miR-6874-5p | 1   | 0.33742      | Others |
| hsa-miR-6875-3p | 74  | 1.099464763  | Others |
| hsa-miR-6875-5p | 159 | 1.63947066   | Others |
| hsa-miR-6876-3p | 14  | 0.8623387857 | Others |
| hsa-miR-6876-5p | 28  | 0.7787158929 | Others |
| hsa-miR-6877-3p | 121 | 1.250399893  | Others |
| hsa-miR-6877-5p | 94  | 1.146010479  | Others |
| hsa-miR-6878-3p | 13  | 0.5315456154 | Others |
| hsa-miR-6878-5p | 15  | 0.4365824    | Others |
| hsa-miR-6879-3p | 137 | 1.626890905  | Others |
| hsa-miR-6879-5p | 2   | 0.269826     | Others |
| hsa-miR-6880-3p | 82  | 1.247083073  | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-6880-5p | 19  | 0.8647111053 | Others |
| hsa-miR-6881-3p | 101 | 2.239227072  | Others |
| hsa-miR-6881-5p | 12  | 1.496851167  | Others |
| hsa-miR-6882-3p | 33  | 0.6671319394 | Others |
| hsa-miR-6882-5p | 114 | 1.181705456  | Others |
| hsa-miR-6883-3p | 46  | 0.8152090217 | Others |
| hsa-miR-6883-5p | 2   | 1.27E-06     | Others |
| hsa-miR-6884-3p | 29  | 1.610216759  | Others |
| hsa-miR-6884-5p | 50  | 1.22824366   | Others |
| hsa-miR-6885-3p | 106 | 1.62976966   | Others |
| hsa-miR-6885-5p | 13  | 0.4834825385 | Others |
| hsa-miR-6886-3p | 82  | 1.186021244  | Others |
| hsa-miR-6886-5p | 209 | 3.057572344  | Others |
| hsa-miR-6887-3p | 38  | 1.234176237  | Others |
| hsa-miR-6887-5p | 11  | 0.7422627273 | Others |
| hsa-miR-6888-3p | 68  | 1.132815618  | Others |
| hsa-miR-6888-5p | 4   | 0.77229425   | Others |
| hsa-miR-6889-3p | 181 | 3.053309138  | Others |
| hsa-miR-6889-5p | 28  | 2.579627464  | Others |
| hsa-miR-6890-3p | 15  | 0.8957044667 | Others |
| hsa-miR-6890-5p | 21  | 0.6582334286 | Others |
| hsa-miR-6891-3p | 18  | 1.796169611  | Others |
| hsa-miR-6891-5p | 39  | 1.107595641  | Others |
| hsa-miR-6892-3p | 27  | 2.505494889  | Others |
| hsa-miR-6892-5p | 177 | 1.775024621  | Others |
| hsa-miR-6893-3p | 20  | 0.95047065   | Others |
| hsa-miR-6893-5p | 8   | 0.893117375  | Others |
| hsa-miR-6894-3p | 245 | 2.090336461  | Others |
| hsa-miR-6894-5p | 67  | 1.306789333  | Others |
| hsa-miR-6895-3p | 132 | 1.428277538  | Others |
| hsa-miR-6895-5p | 61  | 1.059419607  | Others |

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|-----------------|-----|--------------|--------|
| hsa-miR-7-1-3p  | 377 | 22.02607549  | Others |
| hsa-miR-7-2-3p  | 96  | 2.936442654  | Others |
| hsa-miR-7-5p    | 389 | 98.43787284  | Others |
| hsa-miR-708-3p  | 329 | 89.07758433  | Others |
| hsa-miR-708-5p  | 338 | 117.8204803  | Others |
| hsa-miR-7106-3p | 43  | 0.7076193488 | Others |
| hsa-miR-7106-5p | 24  | 0.5921009167 | Others |
| hsa-miR-7107-3p | 24  | 0.6172546667 | Others |
| hsa-miR-7107-5p | 5   | 0.5843716    | Others |
| hsa-miR-7108-3p | 117 | 1.433373     | Others |
| hsa-miR-7108-5p | 27  | 2.098394185  | Others |
| hsa-miR-7109-3p | 40  | 1.055124025  | Others |
| hsa-miR-7109-5p | 50  | 1.12434574   | Others |
| hsa-miR-711     | 2   | 0.4434145    | Others |
| hsa-miR-711-5p  | 5   | 1.0533748    | Others |
| hsa-miR-7110-3p | 94  | 1.353680415  | Others |
| hsa-miR-7110-5p | 16  | 0.5704292113 | Others |
| hsa-miR-7111-3p | 131 | 1.92293086   | Others |
| hsa-miR-7111-5p | 61  | 1.089760213  | Others |
| hsa-miR-7112-3p | 49  | 1.703102306  | Others |
| hsa-miR-7112-5p | 5   | 0.8404918    | Others |
| hsa-miR-7113-3p | 15  | 0.797122     | Others |
| hsa-miR-7113-5p | 43  | 0.6438156047 | Others |
| hsa-miR-7114-3p | 230 | 2.239895878  | Others |
| hsa-miR-7114-5p | 30  | 1.203843167  | Others |
| hsa-miR-7150    | 1   | 0.250886     | Others |
| hsa-miR-7151-3p | 44  | 0.6296236364 | Others |
| hsa-miR-7151-5p | 40  | 0.4668288    | Others |
| hsa-miR-7152-3p | 10  | 0.8364441    | Others |
| hsa-miR-7152-5p | 4   | 0.7132125    | Others |
| hsa-miR-7153-5p | 2   | 2.024147     | Others |

|                 |     |              |           |
|-----------------|-----|--------------|-----------|
| hsa-miR-7154-3p | 2   | 2.70457      | Others    |
| hsa-miR-7154-5p | 2   | 1.7672805    | Others    |
| hsa-miR-7155-3p | 187 | 2.542877397  | Others    |
| hsa-miR-7155-5p | 44  | 1.029244636  | Others    |
| hsa-miR-7156-5p | 9   | 0.9883312222 | Others    |
| hsa-miR-7158-3p | 18  | 9.962884889  | Others    |
| hsa-miR-7158-5p | 4   | 2.38849775   | Others    |
| hsa-miR-7159-3p | 1   | 3.32418      | Others    |
| hsa-miR-7160-3p | 4   | 0.3738005    | Others    |
| hsa-miR-7160-5p | 1   | 1.01153      | Others    |
| hsa-miR-7161-3p | 6   | 0.362514     | retro-miR |
| hsa-miR-7161-5p | 3   | 1.111821     | retro-miR |
| hsa-miR-718     | 6   | 1.328346833  | Others    |
| hsa-miR-744-3p  | 369 | 9.925125959  | Others    |
| hsa-miR-744-5p  | 399 | 303.1509707  | Others    |
| hsa-miR-7515    | 1   | 0.232342     | Others    |
| hsa-miR-758-3p  | 330 | 176.5578976  | Others    |
| hsa-miR-758-5p  | 259 | 8.404609965  | Others    |
| hsa-miR-760     | 304 | 7.033290467  | Others    |
| hsa-miR-761     | 1   | 0.273223     | Others    |
| hsa-miR-762     | 14  | 0.7428785286 | Others    |
| hsa-miR-764     | 1   | 0.545939     | Others    |
| hsa-miR-7641    | 397 | 0.459646111  | Others    |
| hsa-miR-7641-2- | 398 | 0.4429293413 | Others    |
| hsa-miR-765     | 101 | 0.9347350891 | Others    |
| hsa-miR-766-3p  | 387 | 23.54438161  | Others    |
| hsa-miR-766-5p  | 89  | 1.946812337  | Others    |
| hsa-miR-767-3p  | 49  | 4.018941612  | Others    |
| hsa-miR-767-5p  | 139 | 83.16612842  | Others    |
| hsa-miR-769-3p  | 357 | 6.210243232  | Others    |
| hsa-miR-769-5p  | 399 | 835.9643386  | Others    |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-770-5p  | 239 | 6.685503707  | Others |
| hsa-miR-7702    | 12  | 2.73601425   | Others |
| hsa-miR-7703    | 182 | 1.863601462  | Others |
| hsa-miR-7704    | 7   | 0.8773461429 | Others |
| hsa-miR-7705    | 244 | 7.567523661  | Others |
| hsa-miR-7706    | 398 | 100.4797793  | Others |
| hsa-miR-7843-3p | 3   | 1.661210667  | Others |
| hsa-miR-7843-5p | 1   | 0.320996     | Others |
| hsa-miR-7844-5p | 7   | 0.6506335714 | Others |
| hsa-miR-7845-5p | 122 | 1.324668803  | Others |
| hsa-miR-7846-3p | 56  | 1.594142054  | Others |
| hsa-miR-7847-3p | 1   | 0.240645     | Others |
| hsa-miR-7848-3p | 21  | 1.884524143  | Others |
| hsa-miR-7849-3p | 36  | 1.345623833  | Others |
| hsa-miR-7850-5p | 18  | 1.183310556  | Others |
| hsa-miR-7851-3p | 75  | 0.8560479067 | Others |
| hsa-miR-7852-3p | 20  | 0.58539505   | Others |
| hsa-miR-7852-5p | 13  | 0.9984540769 | Others |
| hsa-miR-7853-5p | 3   | 1.035296333  | Others |
| hsa-miR-7854-3p | 153 | 1.936698908  | Others |
| hsa-miR-7855-5p | 6   | 0.4404286667 | Others |
| hsa-miR-7973    | 32  | 0.8943087188 | Others |
| hsa-miR-7974    | 370 | 1576.546845  | Others |
| hsa-miR-7975    | 43  | 4.728626674  | Others |
| hsa-miR-7976    | 366 | 11.79225927  | Others |
| hsa-miR-7977    | 334 | 5.468736009  | Others |
| hsa-miR-7978    | 4   | 2.515406     | Others |
| hsa-miR-802     | 7   | 0.9173781429 | Others |
| hsa-miR-8052    | 1   | 1.82466      | Others |
| hsa-miR-8056-5p | 3   | 2.724561667  | Others |
| hsa-miR-8058    | 3   | 1.320528333  | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-8061    | 3   | 0.397602     | Others |
| hsa-miR-8066    | 3   | 0.639715     | Others |
| hsa-miR-8069    | 1   | 2.7285       | Others |
| hsa-miR-8072    | 86  | 1.142304349  | Others |
| hsa-miR-8072-3p | 64  | 1.187446094  | Others |
| hsa-miR-8075    | 1   | 0.419344     | Others |
| hsa-miR-8077    | 13  | 1.162372385  | Others |
| hsa-miR-8078    | 3   | 1.149470333  | Others |
| hsa-miR-8078-5p | 8   | 1.614212625  | Others |
| hsa-miR-8079    | 2   | 2.07394      | Others |
| hsa-miR-8080    | 2   | 0.500041     | Others |
| hsa-miR-8082    | 1   | 0.185529     | Others |
| hsa-miR-8083    | 1   | 5.87161      | Others |
| hsa-miR-8085    | 3   | 0.211248     | Others |
| hsa-miR-8085-3p | 5   | 0.7522722    | Others |
| hsa-miR-873-3p  | 231 | 45.68708827  | Others |
| hsa-miR-873-5p  | 235 | 42.73002319  | Others |
| hsa-miR-874-3p  | 397 | 88.57133555  | Others |
| hsa-miR-874-5p  | 316 | 7.828132997  | Others |
| hsa-miR-875-3p  | 6   | 0.6336568333 | Others |
| hsa-miR-875-5p  | 1   | 1.23762      | Others |
| hsa-miR-876-3p  | 48  | 1.855581917  | Others |
| hsa-miR-876-5p  | 50  | 9.3159822    | Others |
| hsa-miR-877-3p  | 304 | 3.179262458  | Others |
| hsa-miR-877-5p  | 398 | 76.88321492  | Others |
| hsa-miR-885-3p  | 23  | 5.310865783  | Others |
| hsa-miR-885-5p  | 99  | 25.36954831  | Others |
| hsa-miR-887-3p  | 345 | 75.70619117  | Others |
| hsa-miR-887-5p  | 324 | 15.08474472  | Others |
| hsa-miR-888-3p  | 3   | 1.340146     | Others |
| hsa-miR-888-5p  | 35  | 1.4083362    | Others |

|                 |     |              |        |
|-----------------|-----|--------------|--------|
| hsa-miR-889-3p  | 337 | 248.7586428  | Others |
| hsa-miR-889-5p  | 204 | 4.396284299  | Others |
| hsa-miR-890     | 6   | 0.9442425    | Others |
| hsa-miR-891a-5p | 108 | 12.03972747  | Others |
| hsa-miR-891b    | 5   | 1.6093104    | Others |
| hsa-miR-892a    | 35  | 1.277127657  | Others |
| hsa-miR-892b    | 6   | 0.2862943333 | Others |
| hsa-miR-892c-3p | 9   | 4.264981247  | Others |
| hsa-miR-892c-5p | 1   | 9.08E-05     | Others |
| hsa-miR-9-3p    | 183 | 200.0534581  | Others |
| hsa-miR-9-5p    | 327 | 964.3417059  | Others |
| hsa-miR-920     | 1   | 0.355789     | Others |
| hsa-miR-921     | 1   | 1.61195      | Others |
| hsa-miR-922     | 6   | 0.598048     | Others |
| hsa-miR-92a-1-5 | 377 | 21.53344221  | Others |
| hsa-miR-92a-2-5 | 19  | 5.760494263  | Others |
| hsa-miR-92a-3p  | 399 | 51190.19521  | Others |
| hsa-miR-92b-3p  | 399 | 12623.44187  | Others |
| hsa-miR-92b-5p  | 347 | 13.28578939  | Others |
| hsa-miR-93-3p   | 399 | 42.67003246  | Others |
| hsa-miR-93-5p   | 399 | 1391.559794  | Others |
| hsa-miR-933     | 93  | 1.283393624  | Others |
| hsa-miR-934     | 60  | 19.69487182  | Others |
| hsa-miR-935     | 247 | 38.97521612  | Others |
| hsa-miR-936     | 15  | 2.0435974    | Others |
| hsa-miR-937-3p  | 354 | 6.710006347  | Others |
| hsa-miR-937-5p  | 56  | 1.497413679  | Others |
| hsa-miR-938-3p  | 3   | 0.3074876667 | Others |
| hsa-miR-939-3p  | 166 | 1.541618657  | Others |
| hsa-miR-939-5p  | 245 | 2.404638143  | Others |
| hsa-miR-940     | 392 | 19.89288644  | Others |



|                 |     |             |        |
|-----------------|-----|-------------|--------|
| hsa-miR-941     | 399 | 511.6436368 | Others |
| hsa-miR-941-3-5 | 399 | 102.5751163 | Others |
| hsa-miR-942-3p  | 145 | 1.520966338 | Others |
| hsa-miR-942-5p  | 387 | 17.59251996 | Others |
| hsa-miR-943     | 196 | 1.698481323 | Others |
| hsa-miR-944     | 151 | 79.24886017 | Others |
| hsa-miR-95-3p   | 201 | 11.09432466 | Others |
| hsa-miR-95-5p   | 87  | 1.572642241 | Others |
| hsa-miR-9500    | 2   | 0.666976    | Others |
| hsa-miR-96-3p   | 67  | 1.644299478 | Others |
| hsa-miR-96-5p   | 268 | 158.2460989 | Others |
| hsa-miR-98-3p   | 368 | 36.88152275 | Others |
| hsa-miR-98-5p   | 399 | 3951.228136 | Others |
| hsa-miR-99a-3p  | 350 | 20.56619033 | Others |
| hsa-miR-99a-5p  | 398 | 1019.036429 | Others |
| hsa-miR-99b-3p  | 397 | 78.14778336 | Others |
| hsa-miR-99b-5p  | 399 | 26319.23689 | Others |