

Supplementary Table 3

Zhao et al., 2009

Genomic location and position of hepatic miR-eQTL for 21 miRNAs.

| miRNA | Chr | genome location | | | miR-eQTL | | |
|------------|-----|-----------------|-----------|--------|----------|--------|---------|
| | | start bp | stop bp | strand | Chr | cM | LOD |
| miR-214 | 1 | 164153499 | 164153608 | + | 17 | 2.15 | 16.26 |
| miR-34a | 4 | 149442563 | 149442664 | + | 4 | 94.01 | 13.00 * |
| miR-451 | 11 | 77886672 | 77886743 | + | 9 | 74.30 | 9.96 |
| miR-31 | 4 | 88556461 | 88556566 | - | 4 | 51.73 | 9.56 * |
| miR-338 | 11 | 119876079 | 119876176 | - | 6 | 46.495 | 7.42 |
| miR-145 | 18 | 61807479 | 61807548 | - | 17 | 30.55 | 6.96 |
| miR-205 | 1 | 195333657 | 195333724 | - | 7 | 0.00 | 6.57 |
| miR-200b | 4 | 155429790 | 155429859 | - | 12 | 7.27 | 6.36 |
| let-7c-1 | 16 | 77599902 | 77599995 | + | 8 | 17.61 | 6.02 # |
| let-7c-2 | 15 | 85537033 | 85537127 | + | | | |
| miR-295 | 7 | 3220774 | 3220842 | + | 7 | 0.00 | 5.25 * |
| miR-142-3p | 11 | 87570366 | 87570429 | + | 9 | 56.81 | 6.57 |
| miR-148a | 6 | 51219811 | 51219909 | - | 12 | 17.97 | 5.04 |
| let-7b | 15 | 85537749 | 85537833 | + | 8 | 17.36 | 5.74 |
| miR-16-1 | 14 | 62250717 | 62250809 | - | 12 | 16.95 | 5.95 # |
| miR-16-2 | 3 | 68813824 | 68813918 | + | | | |
| miR-331 | 10 | 93426513 | 93426608 | - | 12 | 7.92 | 5.82 |
| miR-141 | 6 | 124667932 | 124668003 | - | 12 | 17.97 | 5.68 |
| miR-346 | 14 | 35707795 | 35707892 | + | 9 | 79.23 | 5.46 |
| miR-190 | 9 | 67084467 | 67084533 | - | 8 | 57.45 | 5.44 |
| miR-181c | 8 | 86702772 | 86702860 | - | 12 | 11.14 | 5.40 |
| miR-195 | 11 | 70048544 | 70048637 | + | 12 | 20.00 | 5.36 |
| miR-143 | 18 | 61808850 | 61808912 | - | 5 | 18.47 | 5.31 |

Notes:

* indicates cis-acting regulation; other miRNAs were trans-acting.

indicates mature miRNAs that potentially derive from two different genomic locations.