**Supplementary Tables:**

**Table S7:** Primers used in ChIP-qPCR in this study

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Target** | **Name** | **Forward primer sequence (5’-3’)** | **Reverse primer sequence (5’-3’)** | **Product size (bp)** |
| PPARA promoter | P\_rep1 | GCTCTCCTACTCCTCGCCATT | GCTGACTTTGTGCCTACGCAA | 89 |
| PPARA promoter | P\_rep2 | GGCTAATCAACAAGGGTGAGT | GGACCCACTCCGGAAAGCAAA | 110 |
| PPARA enhancer 1 | E1 | TGGCGGATGACACCCTGGAA | GCCTGCGAAGTTTGCTGCT | 90 |
| PPARA enhancer 2 | E2 | AGAGGAGCAGGGACTCACTA | GCCTAGCAACAGAAGGTGGT | 94 |
| PPARA enhancer 3 | E3 | GTCCGTGGGGAGCTAACTGG | TTCCCCATGGAGGGCATCTT | 107 |
| PPARA enhancer 4 | E4 | CTGACAGCCAGGGAGCAGCA | GGCACTGACCATGGCGTGAC | 152 |
| FABP1 promoter |  | GGAATCAACAGCTGCTGACCT | CCGACCAGACTGTCCACTGTA | 85 |
| SCD promoter |  | CGAGCCAATGGCAACGGCAG | TGGGGAAATGCTAATGAGGCT | 93 |
| ELOVL6 promoter |  | CGCCCTGCAAGCTGAAACTTC | GCGCAGAGAGAAAGGAAGTGG | 98 |
| Negative control | GDCHR12 | GGGATCAGCGCTACTAACTCCT | GACGTAGTTACTATTACGCCCAT | 112 |