**Table S1. Sequence of primers used for RT-PCR**

|  |  |  |
| --- | --- | --- |
| **Gene** | **Primer sequence (5'-3')** | **Amplicon (bp)** |
| Adiponectin | F: TGACGACACCAAAAGGGCTC | 146 |
| R: ACCTGCACAAGTTCCCTTGG |
| Resistin | F: CCTGCTAAGTCCTCTGCCAC | 124 |
| R: GGCTTCATCGATGGGACACA |
| *β*-actin | F: GGCCAACCGTGAAAAGATGA | 77 |
| R: CAGCCTGGATGGCTACGTACA |

**Table S2. Bisulfite sequencing primers and annealing temperature in this study**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene** | **Region** | **Primer sequence** | **Product** | **Annealing** |
| **Size (bp)** | **temperature (℃)** |
| Adiponectin | A1 | F: GTGTTTTGTGATATTGGGTTTG | 298 | 55 |
| Inner R: ACTAACTATTCTTCCAAAAATCCTA |
| Outer R: TAAAAACACTAACTATTCTTCCAAA |
| A2 | Outer F: TGGAGGAAGTAGATGTTTGGTTAGT | 179 | 57 |
| Inner F: TGGTTAGTTTTTGTTTGGGAGTAGT |
| R: CAAAACAATACCTTAAAAACCTCTC |
| Resistin | R1 | Outer F: TTTAGTGAGATGTTTTGGGTAA | 399 | 55 |
| Inner F: GTTTTTGTTTAGTTTTATTTTTATT |
| R: CTACTCAACCCTTCCTACATTA |
| R2 | F: TTTTGTTTTATTTAGTTAAAAGATA | 284 | 52 |
| Inner R: ATAAATCTTAAATAATCATAACTCC |
| Outer R: CATTACCCAAAACATCTCACTA |
| R3 | Outer F: TTAGTAATGTTTGGGAATGGAG | 359 | 54 |
| Inner F: AGTAATGTTTGGGAATGGAGAT |
| R: TTATTCATTAAATCCAAACTCTTTT |

**Table S3. Sequence of primers for the chromatin immunoprecipitation study**

|  |  |  |
| --- | --- | --- |
| **Gene** | **Primer sequence (5'-3')** | **Amplicon (bp)** |
| Adiponectin | F: AGGAGCAGTTTAGTGAGTGGTG | 195 |
| R: CTTACCTTGACATTGGAGAACC |
| Resistin | F: AGGGATTTCCAAAGGGACAGGC | 136 |
| R: AGGTTCCCAGCCATTACCCAAAA |
| GAPDH | F: CAATAATGGGGAGAGGTTCG | 90 |
| R: TGCTGCTTCCCGAGTAAAAT |