Table S2 The sequences of each oligo used in the EMSA and ChIP assay

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Forward | Reverse |
| EMSA | rs2596542-C | AACATAGAATTTTATCGTGTAGCTGTTCTTT | AAAGAACAGCTACACGATAAAATTCTATGTT |
| rs2596542-T | AACATAGAATTTTATTGTGTAGCTGTTCTTT | AAAGAACAGCTACACAATAAAATTCTATGTT |
| rs2428475-A | CTTTGGGAGACGATTAAAATCTTCTTTATCT | AGATAAAGAAGATTTTAATCGTCTCCCAAAG |
| rs2428475-G | CTTTGGGAGACGATTGAAATCTTCTTTATCT | AGATAAAGAAGATTTCAATCGTCTCCCAAAG |
| rs28366144-A | GAGACACACCCTGACACATCTGGAGGTAGAG | CTCTACCTCCAGATGTGTCAGGGTGTGTCTC |
| rs28366144-T | GAGACACACCCTGACTCATCTGGAGGTAGAG | CTCTACCTCCAGATGAGTCAGGGTGTGTCTC |
| rs2428474-C | TCTTTTAAATTTTCTCTCTCCGGCCGGGTGC | GCACCCGGCCGGAGAGAGAAAATTTAAAAGA |
| rs2428474-G | TCTTTTAAATTTTCTGTCTCCGGCCGGGTGC | GCACCCGGCCGGAGACAGAAAATTTAAAAGA |
| rs2251731-A | TTTCTCTCCCCTTTTATTCCTATCTCTTCCC | GGGAAGAGATAGGAATAAAAGGGGAGAGAAA |
| rs2251731-C | TTTCTCTCCCCTTTTCTTCCTATCTCTTCCC | GGGAAGAGATAGGAACAAAAGGGGAGAGAAA |
| rs2844526-T | GCGGCGCAGCCGGTTTCCATCAGAACCGCCC | GGGCGGTTCTGATGGAAACCGGCTGCGCCGC |
| rs2844526-C | GCGGCGCAGCCGGTTCCCATCAGAACCGCCC | GGGCGGTTCTGATGGGAACCGGCTGCGCCGC |
| rs2596541-C | CTACTCACCCGGATCCGAATCCTCCGCGGTG | CACCGCGGAGGATTCGGATCCGGGTGAGTAG |
| rs2596541-A | CTACTCACCCGGATCAGAATCCTCCGCGGTG | CACCGCGGAGGATTCTGATCCGGGTGAGTAG |
| rs2523453-T | TCAAAACACATGCGGTCAAGGCCGGGCACGG | CCGTGCCCGGCCTTGACCGCATGTGTTTTGA |
| rs2523453-C | TCAAAACACATGCGGCCAAGGCCGGGCACGG | CCGTGCCCGGCCTTGGCCGCATGTGTTTTGA |
| rs2844525-T | GGTGGTTCACGCCTGTAATCCCAGCACTTTG | CAAAGTGCTGGGATTACAGGCGTGAACCACC |
| rs2844525-C | GGTGGTTCACGCCTGCAATCCCAGCACTTTG | CAAAGTGCTGGGATTGCAGGCGTGAACCACC |
| rs2523452-C | AGTCGCCTCTGTGCTCGTGAGTGCATGGGGT | ACCCCATGCACTCACGAGCACAGAGGCGACT |
| rs2523452-G | AGTCGCCTCTGTGCTGGTGAGTGCATGGGGT | ACCCCATGCACTCACCAGCACAGAGGCGACT |
| rs2596538-G | GGGGTGGAGGGGGAGGGCTTTGGACAGAAGA | TCTTCTGTCCAAAGCCCTCCCCCTCCACCCC |
| rs2596538-A | GGGGTGGAGGGGGAGAGCTTTGGACAGAAGA | TCTTCTGTCCAAAGCTCTCCCCCTCCACCCC |
| rs2844522-C | GGCACTAAGAAACAACTCCCCTGGAGCTCAA | TTGAGCTCCAGGGGAGTTGTTTCTTAGTGCC |
| rs2844522-G | GGCACTAAGAAACAAGTCCCCTGGAGCTCAA | TTGAGCTCCAGGGGACTTGTTTCTTAGTGCC |
| AP1 | CGCTTGATGACTCAGCCGGAA | TTCCGGCTGAGTCATCAAGCG |
| Elk-1 | AGCTCGCGGCCCCGGAAGCCCTCGG | CCGAGGGCTTCCGGGGCCGCGAGCT |
| GATA | CACTTGATAACAGAAAGTGATAACTCT | AGAGTTATCACTTTCTGTTATCAAGTG |
| NF1 | TTTTGGATTGAAGCCAATATGATAA | TTATCATATTGGCTTCAATCCAAAA |
| NFkB | AGTTGAGGGGACTTTCCCAGGC | GCCTGGGAAAGTCCCCTCAACT |
| SP1 | ATTCGATCGGGGCGGGGCGAGC | GCTCGCCCCGCCCCGATCGAAT |
| STAT4 | GAGCCTGATTTCCCCGAAATGATGAGCTAG | CTAGCTCATCATTTCGGGGAAATCAGGCTC |
|  |  |  |  |
| ChIP | ChIP-SNP | GGGGTATAAGGCAAGTGCTG | AAGCCTCCCAGGTCTTCTGT |
| ChIP-UTR | GTCCTGGATCAACACCCAGT | AGGCACCAAGAGGGAAAGTG |