

Supplemental Table 1. Primer pairs used in the modified chromosome conformation capture experiment using the Tsc22d3 gene TSS and the dynamic DHS5 as the baits.

	FOR	REV
TSS as the bait	GATTTGCAAACAATGGAGCA	TAGGCAGATGGAGGACTTCG
DHS5 as the bait	TTGGTCCTTGCTTTGATGAAC	TTATTGGCAAACCTGGCAGT
Tiling primers	FOR	REV
1	CAAGGGAGGAGTTGAGTGCT	GTTCTCCTGATGGCTTCTGC
2	GCCCAGTGCTCAGGATAGAG	AAAAAGCCAGGGGTTGACTT
3	GCAGCTTCTCTGGCGAGTAT	TGCCATTGGAAAGGAAGTTT
4	CAAGACCAATGGGCCTAAGA	TGGCTCACACCCATCTGTAA
5	AAGGCCCAAAGAGAGTGTC	GTCCAGGCATCCAACCTTA
6	CAGGCAGAGGATCAGGAAAG	AGTTGGGGCCATTTTTCTCT
7	CCCTTCAGTTAACCCACAA	TACAGGGGTAGGGAGGGAAC
8	GGAGGGCATTGAAAGAACA	CTGTGTCACGGTGAGGAATG
9	CCGTTTATCCAATCCAATG	TAGTCCCCTGGTTTCCACAG
10	TTAAATGGAGGCTTGTTGC	AGGCTCTGACACTTGCCACT
11	GGGACAGTGATTCACCCAAC	CCATGTTACCCAAGGGAGA

12	AGTTGTA CTGGCCGGTTTTG	GGCCAGCCTGGTCTACATAA
13	CCACAGAACGATGCTCTTGA	CAGGTCTTTGTGTCCCCATC
14	GAGGATTGTCCTGGTGGAGA	GGCCAGCCTGGTCTACATAA
15	AGAGGCCTGGACATTTTGTG	CCTGGATCACTCCTCTGCTC
16	GAGCAGTCGGTGCTCCTAAC	TCACAGTTCTATGCGGGTCA
17	CGTGACCCAGTTCCTTGATT	AGGGCAATGTGACAAAGGTC
18	GCAGAGCCAATCCCAGTAAC	TTGTCGTTTCCTCCCATCTC
19	GGGTAGCAGGAACATCCTCA	TGAACCTGGGTCTCTGGAT
20	GGCCAGCAAGCAGAGATATT	GCCCAATTACTGCCCAAAT
21	CGAAGTCCTCCATCTGCCTA	CCAATCCTTTGGA ACTCAGG
22	GTGGGTGGATGACAGAGGAT	ACCAGCAAAGACCCATACA
23	CGTTC CATTGGTCTGTTCT	TCTGATGCTGGGATTTTCC
24	AAGCACGGAAATGGAAAATG	AATCTCCACCCACAATGACC
25	CAGGGATGCCAAATCTCAAT	AGGTGACGTTGCCAGAGAAT
26	CATCTCTGGGGAAACAGGAA	ATTTTGCAGCCAGCTTGAGT
27	GTCCAACGTGGTGACTTTGA	ATCACCAAGTGGTGGGCATA
28	GGTGGGCATTCAAAGCTCTA	AGGGTGATAAGCAGGCAGAA
29	GGTTGAGCAGGAAATGGGTA	CAGGGGAAGTAACCCCTAGC
30	CAGCCTGAGATTTTGGGATT	GCCTCTGCCTTTAGCTATCC

31	GTGCCACTGGGAGACATTTT	GGAGCACAAGGGATTACAT
32	ACTCCAGCTTGCCTGTCTGT	TCAGAAGCCGTTTTCAGGTT
33	GTGGCTGTCCTGGAATCAT	CTTGCCCTATGTCTCGCAAT
34	CTTAAAGCCCAGGGACCAGT	CCCCCTAAGATGTGGGTTCT
35	CCACAGGCAGCTATTGTTGA	CATCCTAGTGGAGCCTCAGC
36	TACGATGCCTTCAAGTGTGC	TCTGCTTTCTTCAGCTTTGC
37	TTGGTTTTTCTTGCCACCTC	TGTTAAGGGCCACAGACCAT