

Supplementary Table 1: Primers used for qRT-PCR

Gene	Primers (5' to 3')	Product size (bp)	Reference sequence(s)	References (if any)
<i>Tcf4</i> (exon 18)	Forward: CCCAGACCAAGCTCCTGATT Reverse: CATGTGATTCGCTGCGTCTC	194	NM_001083967.1	
<i>Mecp2</i> (exon 4)	Forward: ATGAGACTGTGCTCCCCATC Reverse: TTTTCTCACCAAGGGTGGAC	83	NM_001110792.2 (human e1) NM_004992.4 (human e2) NM_001081979.2 (mouse e1) NM_010788.4 (mouse e2)	
<i>Gapdh</i> (exon 6)	Forward: CGACTTCAACAGCAACTCCC Reverse: GCCGTATTCATTGTCATACCAGG	106	NM_001289726.1	