Supplementary Table S2. Primers (Oligos) Used for Quantitative Real-Time PCR Assay and Sequences of siRNA Constructs

Gene	*Reverse*	*Forward*
GAPDH	atacgaccaaatccgttgactc	agccacatcgctcagacacc
FMR1	aatagcagtgaccccaggt	cacctcaaagcgagcacat
OCT4	gattttcattgttgtcagcttcc	gggttctatttgggaagg
NANOG	ttctgtttcttgaccgggacctt	ttccttcctccatggatctgctt
SOX1	caaggcattttgcgttcacatc	tcttgggaaaacgggcaaaata
SOX2	gaggaagaggtaaccacaggg	acagcatgtcctactcgcagt
SOX3	tttcacacggtcctggtctg	gaggcgcaggcaagagtagt
SOX4	cgttgccggacttcacctt	agcgacaagatccctttcattc
SOX9	tagcctccctcactccaaga	agacctttgggctgccttat
SOX11	cgaatccaaatccttatccacca	cgccgacgacctgatgttc
SOX21	atctctgccattttggagccc	gctcgccaatcccgagaag
MAP2	cattggcgcttcggacaag	ctcagcaccgctaacagagg
GFAP	aggtccatgtggagcttgac	gccattgcctcatactgcgt
TUJ1	tttttgctcgcctcaaggtatgt	gggcgcattccaacctt
TAU	tgccatgttgagcaggacta	tcacttttacagcaacagtcagtg
NUEROD1	ctcgtcctgagaactgagaca	accaaatcgtacagcgagagt
NEUROGENIN1	gcgttgtgtggagcaagtc	gctctctgaccccagtagc
GSK3β	ccgatggcagattccaaagg	agacgctccctgtgatttatgt
β-CATENIN	tggtcctcgtcatttagcagtt	atgtccagcgtttggctgaa
α-FMR1 siRNA	uggagaggaucaggaugcagugaaa	uuucacugcauccugauccucucca
α-SOX2 siRNA	gcgugaaccagcgcauggacaguua	uaacuguccaugcgcugguucacgc

Sequences of all primers (oligo-DNAs) used for quantitative real-time PCR assays (Sigma) and sequences for custom-designed siRNA used to silence FMR1 and SOX2 (Life Tech.). Stealth RNAi siRNA Negative Control Med GC Duplex (Life Tech.) was used as negative control for siRNA knockdown assays.

PCR, polymerase chain reaction.