

Supplementary Table 1. Primer sequences for RT-PCR and ChIP used in this study.

Type of PCR	No.	Gene name	Sense primer (5' to 3')	Antisense primer (5' to 3')	Size of product (bp)
RT-PCR	1	DAXX	AAGGTCAGTGCATGAGAAGAATGG	TCATCTGCTTCCCACCTTCCTC	337
	2	DDIT4	TGGGCAAAGAACTACTGCG	AGAGTTGGCGGAGCTAAACAG	215
	3	CHAC1	GAACCCTGGTTACCTGGGC	CGCAGCAAGTATTCAAGGTTGT	99
	4	SPX	CGCAGAGACTGTTGGAGAGAA	CCGGAATAGTTAGTAGTTGGGGA	165
	5	C6orf58	GGCAGATTAGCTGATCCAACC	CGCAGCAAGAAAGGGTAATGAA	129
	6	INHBE	CTCTGCCCTCTAGTGGCTTGA	CGCCTCGGTTGTCCAGTAA	106
	7	KCNA2	TAGTGGGGTGACCTTCCACA	CTGGGACAGGCAAAGAACC	147
	8	PAX6	AACGATAACATACCAAGCGTGT	GGTCTGCCCCGTTCAACATC	120
	9	SYCP2	AGCTGCAAATACCATCAGATGAA	CTCTGGCACAGTAACTGCTTC	131
	10	LILRA2	CACTCATCAGAGTACAGTGACCC	GTTTCGAGTCATAAGCATAGCACC	294
	11	TRIB3	GCCTTTTTCACTCGGACCCAT	CAGCGAAGACAAAGCGACAC	172
	12	STC2	GCGTGCAGGTTTCAGTGTGA	GGCCAGTCTCCCTACTGCT	192
	13	NALCN	ATGAGTCTCTGTCCGATAATGCT	CGAAGGTCATTGGCGTATTCATA	123
	14	LHX8	GAATGACCTATGCTGGCATGT	ACCCAGTCAGTAGAATGGATGTG	177
	15	NIPSNAP3B	TTCATCTTCGGACCTCTTACTCT	TGCCATTCCTTACAGTTGGCTA	151
	16	SESN2	AAGGACTACCTGCGGTTTCG	CGCCCAGAGGACATCAGTG	188
	17	GAPDH	GACCACAGTCCATGCCATCAC	GTCCACCACCCTGTTGCTGTA	454
	18	Daxx (mouse)	CAACTGGGCTCTGGACTGTTAGG	ACTGCCGGAGAGACTGAGCCTG	238
	19	Stc2 (mouse)	ATTTGGCTGCATCAGCAGGAAGTG	GTCAGCAGCAGGTTCAACAAGG	190
ChIP	1	DDIT4	GAGTCCATTGGCCAAGGCCGGG	AGCACCAGCGCGGAGCAGCC	109

2	CHAC1	TGGAGCTGAACCAATCAGCGGG	CTTGCCGGGAGACCACGCC	144
3	SPX	GGTGATGCAATCAGTATTTAAACAAA	GGACATCTTGTCAGTCTTCAAGC	124
4	INHBE	GATGGTGAAACCTGAGCTGATGG	AAACCTAGTGGTCAGCCAGCCG	120
5	KCNA2	GGAGGCGAGCGCTGAGTGCG	CGCTCCGCCTGCCTAGCTGC	189
6	PAX6	AGAGGAGCCGGGACCCACCG	CGCCAGCCGATTGGATGCTCC	105
7	SYCP2	TCCCTTCCTGCTCGCCTGTCC	TCCTCTCGCGCTATGCTCTCCT	116
8	TRIB3	GCGGAACGACGGGGCGAGGT	ACACGCGGCAACACGCAGACG	128
9	STC2	GGACAACACCTGCTCGACTCCT	GGAGAGCATGTGACCAGGCCG	122
10	NALCN	CAGATGAGAGCCTAGCTGTTGCT	GGGCACCGCAGAGGAGGCTG	120
11	LHX8	CTGTTTAACCTCAGCAAGAGTAGG	ACTCCAGCACAAAGTGGTCCAGC	130
12	NIPSNAP3B	GCGAAGGCTCACTGGTCTACAAA	TTAGTAGAGACGGAGTTTCACCATA	98
13	SESN2	CCCGAGGCGGACTACAACCTCC	CGGCGGTCCAGCCAATCAGAG	129
