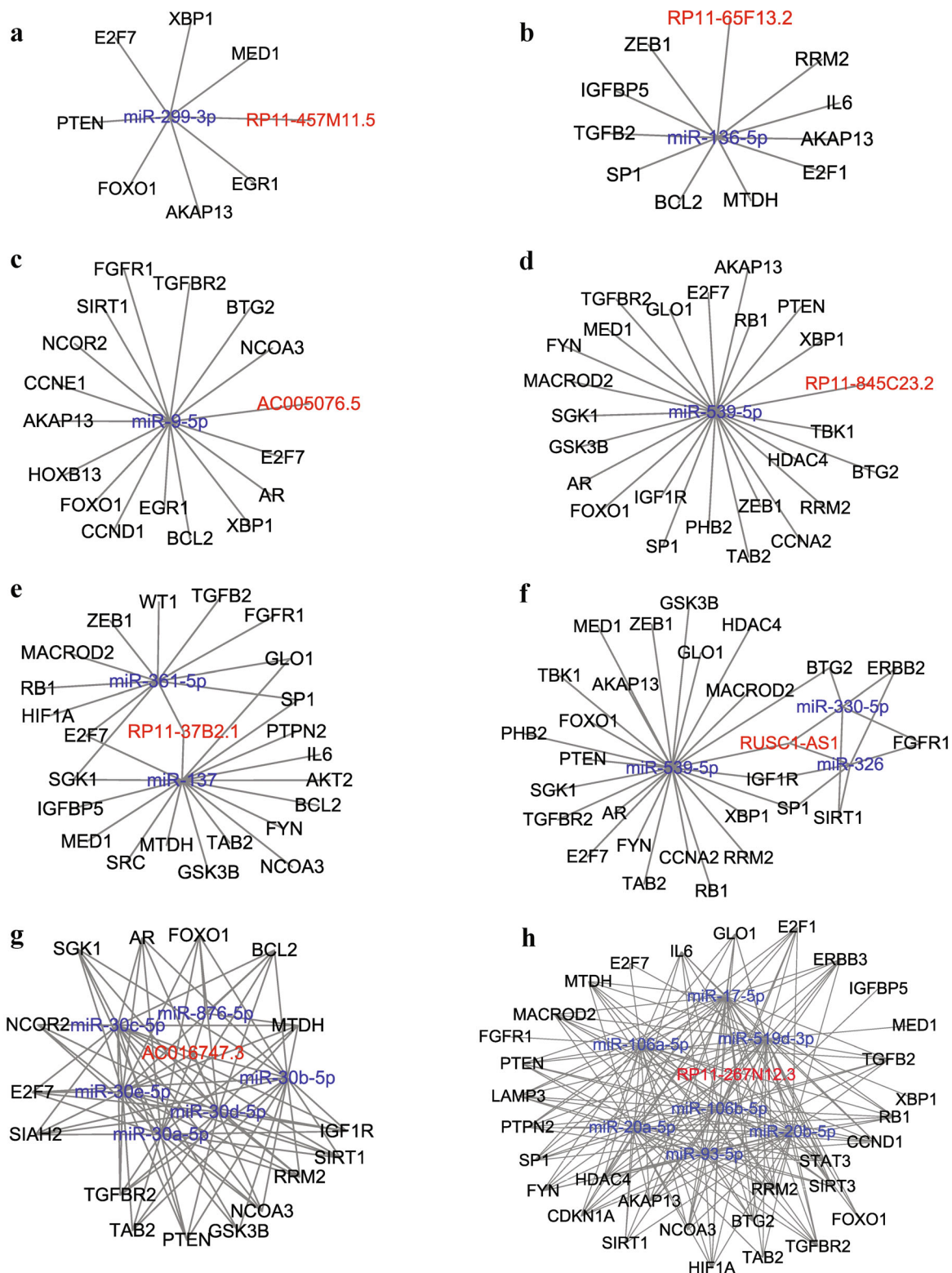


Supplement to: Xiulei Zhang, Meiting Wang, Huihui Sun, Tao Zhu, and Xiangting Wang, Downregulation of LINC00894-002 Contributes to Tamoxifen Resistance by Enhancing the TGF- β Signaling Pathway (ISSN 0006-2979, *Biochemistry (Moscow)*, 2018, Vol. 83, No. 5, pp. 603-611)



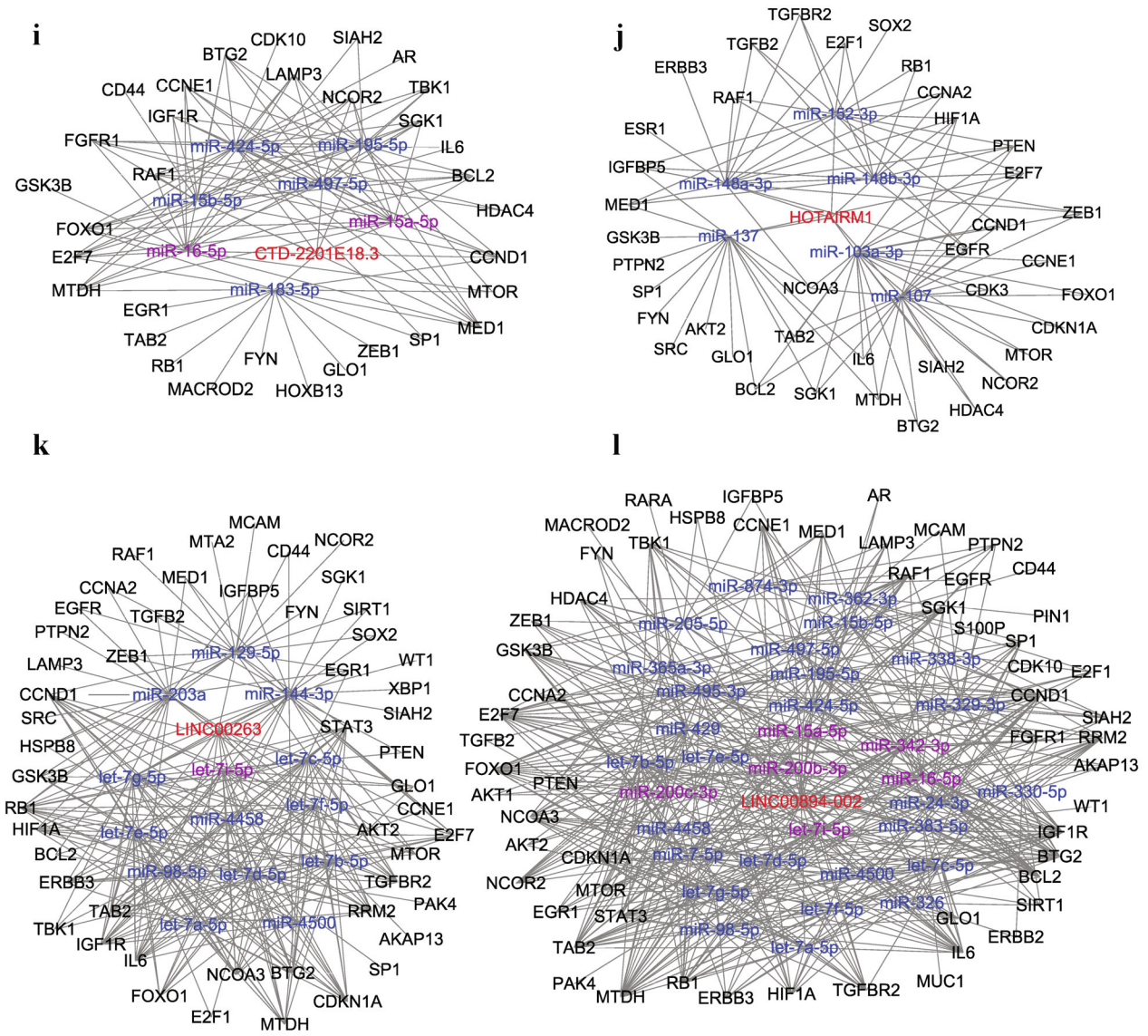


Fig. S1. Interaction network of 12 candidate lncRNAs. Red, lncRNAs; purple, miRNAs/TamR; blue, miRNAs; black, mRNAs/TamR (Interaction network drawn by Cytoscape).

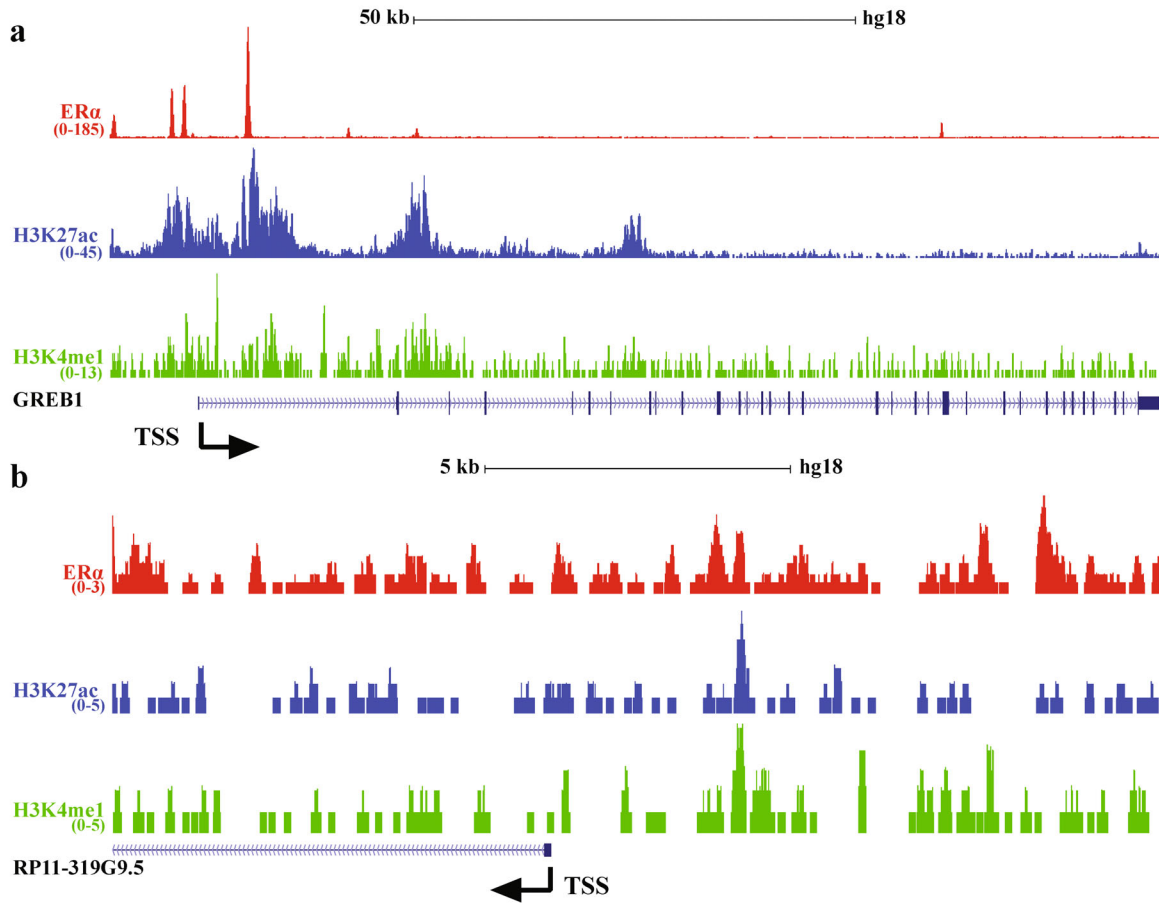


Fig. S2. UCSC Genome Browser view of ER α (red), H3K27ac (blue) and H3K4me1 (green) binding events at the genomic region of the GREB1 (a) and RP11-319G9.5 (b) (data from GSE45822; the arrow showed the transcriptional direction).

Table S1. Primers used in this study

Gene Symbol	Forward and reverse primer (5'-3')
18S	F: GTAACCCGTTGAACCCCAT
	R: CCATCCAATCGGTAGTAGCG
AC005076.5	F: CTGGCTGTACGCGTCACTT
	R: ACTGCAACCGGGTAGTTCAG
AC016747.3	F: GTCCATACCTGATGAGATGCTTCA
	R: TAAGCAAACCTGGCTGGTCC
AC068491.1	F: CAGCCCCTGAAAACCTCTTGA
	R: GGGAAGTGTAGGTGTGAGGT
CTD-2201E18.3	F: TGCAATCAGCACCCCTAGA
	R: ACAAGGGTGCTTGTGGTTCA
ESR1	F: TTAAGTACCAACCTGGCAGA
	R: ATCATGGAGGGTCAAATCCA
ESR2	F: GCAGACCACAAGCCCAAATG
	R: AGCGATCTTGCTTCACACCA
GREB1	F: GTGGTAGCCGAGTGGACAAT
	R: AAACCCGTCTGTGGTACAGC
HOTAIR	F: CTCCTTGCTCTTCTTATCATCTCC
	R: TTAATTAGCGCCTCCCAGTCC
HOTAIRM1	F: GCTCAGCCAAGCTGTTGTTTTA
	R: GTGGGGACTATGGCTGGTTT
LINC00263	F: TGACTTCATCAGAGCAGGCTGG
	R: AAAGTGGGGCCTGTCAGAA
LINC00894-002	F: TCAGAGAGGGGAAGTGATTTGC
	R: TGGGAGTTCAGGACTCTGAGAA
MIR22HG	F: GGAGAGCCTTTGCCAGATT
	R: ACATCTCGGAGGCAGAAAGC
NEAT1	F: CACAGGCAGGGGAAATGTCT
	R: TCTGCTGCGTATGCAAGTCT
RP11-267N12.3	F: GTGACACTTCGGGTCTCTCA
	R: AGTGATAGCTGTAATTGGCCTCA
RP11-319G9.5	F: AGTGGAGGAACAGAGCCGAA
	R: GGATCGCAATGCTGACCTGA
RP11-37B2.1	F: GGCACCTTTCTGCAATGG
	R: CTTTAGGGCCCCTGCTACTTG
RP11-457M11.5	F: ACCGGCCAAAGTATGAGACC
	R: AACTCTTAGCAATAGCTCCACAAC
RP11-65F13.2	F: GAGACTCGGCCAAATCCTGC
	R: GGCAGCTTACATCACGGCAT
RP11-845C23.2	F: TCATGGTGGGTTGGGATGC

	R: CTGTGCTCCTAGCTGCTTCAT
RSBN1L-AS1	F: ACAAGGCTTCACCAGGTACT
	R: TTCCCAAATTTCAAGTGTCCTA
RUSC1-AS1	F: CCTCATATAGCGCCTTCACCC
	R: GGATAGGGAAGGGAAGCTTGG
Lnc-ATB	F: TCTGGCTGAGGCTGGTTGAC
	R: ATCTCTGGGTGCTGGTGAAGG
TGF-β1	F: CCCACAACGAAATCTATGACAA
	R: AAGATAACCACTCTGGCGAGTC
TGF-β2	F: ATTGCCCTCCTACAGACTTGAG
	R: CAGCACAGAAGTTGGCATTGTA
TGF-β3	F: TGATCCAGGGGCTGGCGGAG
	R: GGGTTGGGCACCCGCAAGA
ZEB1	F: GGCATACACCTACTCAACTACGG
	R: TGGGCGGTGTAGAATCAGAGTC
ZNF217	F: CTGAAACGGGGAAGAAGCCT
	R: CTTGCCCCGATTCCTTCACT
LINC00894-002 (-6145_-6062)	F: GTGCTTAGTGGGTGGGACTC
	R: CAATTTGCCATCGTGACGCA
LINC00894-002 (-6017_-5962)	F: GAGCCCACTTGTCACACT
	R: AGACATCCAGAGCACCTGA
LINC00894-002 (-5726_-5593)	F: TGCCCATGTGACAACACAGT
	R: AGCGTTTCCTGAATCGGGTT

Table S2. List of published TamR-related mRNAs/miRNAs and the PMID of the literature

mRNA/miRNA	PMID	PMID	PMID	PMID	PMID	PMID	PMID	PMID
ABCB1	21148080							
AKAP13	26272591							
AKT1	25882671	24854844	24362250	24698107	24467828	21935603	26158266	26208487
AKT2	25882671	24854844	24362250	24698107	24467828	21935603	26158266	26208487
AR	26487496							
BCL2	24854844	26397135	23074171	25848915				
BIK	25861752	24100375						
BTG2	24698107							
CCNA2	24622579							
CCND1	25846733							
CCNE1	26397135							
CD163	24414992							
CD44	23039365							
CDK10	22158035							
CDK3	25531331	26980484						
CDKN1A	24752803							
E2F1	20215421							
E2F4	20479004							
E2F7	26397135							
EGF	25666016							
EGFR	25882671	24414992	25203051	24289103	21935603	21666713	26884313	26487496
EGR1	20479004							
ERBB2	20859285							
ERBB3	20859285							
ESR1	25007959	25643697	25531331	24189439	26554417	21447808	20215421	23285017
ESR2	24189439	23752064						
FGFR1	25882671							
FOXO1	23763570							
FYN	24882577							
GLO1	26971627							
GPER1	25666016							
GPR30	24289103	21607586						
GSK3B	24407515							
HDAC4	26206152							
HIF1A	26158266							
HOXB13	23832664							
HSPB8	21233418							
HuR	18769129							

IGF1	25666016						
IGF1R	25882671	22573715					
IGFBP5	20354179						
IL6	24189439						
IRE1	26517687						
LAMP3	24434718						
MACROD2	25422431						
MCAM	27838413						
MED1	22345290	22964581					
MTA2	21447808						
MTDH	24854844	22508479					
mTOR	25882671	24467828	26158266				
MUC1	23538857						
NCOA3	26959415						
NCOR2	23117886						
PAK4	26554417						
PHB2	24051437						
PIN1	25667458	22158035	20479004				
PTEN	24752803	25882671	24854844	22892847			
PTPN2	26208487						
RAF1	22158035						
RARA	23868472						
RB1	24752803						
RET	20531297						
RRM2	26333382	24362250	25016594				
S100P	22417809						
SGK1	25667458						
SIAH2	24656476						
SIRT1	27621036	23763570					
SIRT3	23856293						
SOX2	24178749						
SP1	20215421						
SRC	24189439	24919713					
STAT3	25539992	23074171	25846733				
TAB2	22249258						
TBK1	24449872						
TGFB1	18164268						
TGFB2	9890169						
TGFBR2	25833830						
WT1	20944147						
XBP1	26517687						
ZEB1	23626803						

miR-101-3p	20956939							
miR-181b-5p	22009755							
miR-200c-3p	23626803							
let-7i-5p	21826373							
miR-16-5p	20876285							
miR-15a-5p	20876285							
miR-342-3p	21172025							
miR-21-5p	20302909							
miR-375	22508479							
miR-221-3p	18708351							
miR-222-3p	18708351							