

A. Oligonucleotide primers used in ChIP qPCR.

ASSOCIATED GENE	ADS NUMBER	SEQUENCE	REGION AMPLIFIED (Mar. 2006 (hg18) assembly)	PCR PRODUCT SIZE (bp)
WNK1	3111 3112	GCATGCCCGATTATTCTCTC GCTCCTGGTTCTGCAGGTAG	chr12:703884-704102	219
CAP1	3113 3114	CAAGGAGTACGGAAGCGAAG TCGGTGTGTTCTGTGACCAT	chr1:40278013-40278287	275
ITGAV	3115 3116	ATTCCCAGGAGCCTCTCTTT CAGCCTGGCTTCCCTAAGTC	chr2:187148338-187148506	169
ACTR3	3117 3118	TTCGACTCCTGGTCATTTC CCAAGCACCGGTAATTCAGT	chr2:114364948-114365220	273
FOXP4	3119 3120	GCACAGATGACGAGGACAGA CCTTCTAGGCGCATTCACTC	chr6:41612595-41612890	296
DDX27	3121 3122	ATACTGCCACCGTTTTGAGG CTCGCCTATGGTCCGATTA	chr20:47269136-47269431	296
FLNA	3123 3124	ACCTCCCCTCTCCAGAATGT TAGACACCCAGGGCTACAGG	chrX:153254256-153254448	193
ANXA3	3125 3126	TTTGCATATTGAGGGTTGGA AGGGTCTTGCTGTCAAGTCT	chr4:79692600-79692886	287
RFC4	3127 3128	AAGGACGAGATGGTCTCGAA CCAGTTCTGCCTGAAAGTCC	chr3:188006839-188007109	271
SDCBP2	3129 3130	ACAAGCCACAACTCCATCC TGCGCTCTAGAAGTTGCTGA	chr20:1253748-1254001	254
PAPLN	3131 3132	TGGAGACACTGCTCCTGTCA TGCCCCGATTCTGAATTTAT	chr14:72847960-72848083	124
BCAR1	3133 3134	GCTTTGGGGCTGAAAACTA GCAGCTCTGTGGTGTGTAGG	chr16:73836378-73836666	289
CAMKMT	3135 3136	TTGCTCTCTCAGCGTTTTTG GTCAGGTGAAAGGGCTGACT	chr2:44827816-44828081	266
SLC13A4	3137 3138	TCCAAATGGAACATTGCTGA GCCCATCAGGTAAAACAGGA	chr7:135042852-135043135	284
PSMB4	3139 3140	TCGCCACCTAGGATTACTGC ACGGAATGCGGTAAAACACTGT	chr1:149638537-149638763	227
ATF7IP	3141 3142	GGGAAGAACAGCCTGGTGTA TGCTGGATTGTTCTGTCGTC	chr12:14318145-14318388	244
chip_ <i>INT3</i> SRF	1273 1274	GCCACAGGGCAGTAGATGTT TCAGGCCCAAGTATCCACTC	chr6:43251941-43252121	181
EGR2	3343 3344	GTTCCGTTTTCGCTCCTGTA TTTCTTGGCAGCTCAAAACC	chr10:64246622-64246805	184
ABLIM2	2599 2600	GGCTTGCTCAGAAACACTCC ATCCTTCTGAGTCCCCACT	chr4:8013205-8013391	187
CPLX1	2636 2637	GAACAGAGCAGCGCATATCA CTGGGTGACACCTGAGCTTC	chr4:766403-766527	125

B. Oligonucleotide primers used in RT-PCR

GENE	ADS NUMBER	STRAND	SEQUENCE
ACTB	3371 3372	FORWARD REVERSE	TGACCCAGATCATGTTTGAG CTTCATGAGGTAGTCAGTCAG
ACTN1	3373 3374	FORWARD REVERSE	GCAGAGAAAGACATTCACGG TCATCTTCACATTCCCATCCA
CDH3	3375 3376	FORWARD REVERSE	GAAAGAAGCGGAAGATCAAGG GATGTCATAGTCCTGGTCCTC
CTGF	2335 2336	FORWARD REVERSE	AAGAGAACATTAAGAAGGGCA GCGATTCAAAGATGTCATTGTC
HIF1A	3377 3378	FORWARD REVERSE	CGTTGTGAGTGGTATTATTCAG CAGGTTCTTCTTAAGTTTGTC
IQGAP1	3379 3380	FORWARD REVERSE	AAGTCCTGAACATAATCTCACC GTATTCACATCTCCTGATTCCA
LIMA1	3381 3382	FORWARD REVERSE	ATTCTCCAAGTACCAGAAAGCA TGCTCTGTGCCTAATCTCAG
PFN1	3385 3386	FORWARD REVERSE	AGACTGACAAGACGCTAGTC GACAGACGAGGTCAGTACTG
PTGS2	3383 3384	FORWARD REVERSE	TGTGTTGACATCCAGATCAC GGAAGGGCTCTAGTATAATAGG
RBL2	2436 2437	FORWARD REVERSE	CTGAACTTATGATGGACAGAC ACACTTCTATACACCTGGCTC
EFR3A	3363 3364	FORWARD REVERSE	GGAGGACTACGAACTGAGAC ACATCCGGTATTATTCTGATCCC
ELK1	2113 2114	FORWARD REVERSE	GGTGGTGAATTC AAGCTGGT ATTTGGCATGGTGGAGGTAA
GABPA	2442 2443	FORWARD REVERSE	AATCTGCTACACCTACTACCA CATTGTTTCCTGTTCTGTTCC
SAP1	2276 2277	FORWARD REVERSE	TCGCAAGAACAAGCCTAACA CTTCCCTCCATTCTCCACA
KLHL28	3365 3366	FORWARD REVERSE	GTGGTGGGTGGACATAATGGAGTC CGATTACAGCAGCACCAACTCCTG
MDM4	3367 3368	FORWARD REVERSE	CTTCTCCGTGAAAGACCCAAGC ATACTGTGATCCTGTGCGAGAGC
SCNM1	3369 3370	FORWARD REVERSE	AGGAGTCAGCAACTGTCTCAGC CATCTGGGATCCATCCAGAGCTTC

Table S5