

Supplemental data

TABLE 1

Oligonucleotides

RT-PCR	
<i>p200</i> (N-terminal)	5'- CCTGGACGTCGGGCAACAGCTG
	5'- CTTCAGGGTCTGCTCGTATTCTCGG
<i>p200/p110</i> (C-terminal)	5'-CCCAGGGTTCTGTCTCCGACC
	5'-GTCACTGACAGAGCTGTGTCGCC
Cloning	
CACC upstream of <i>Lepr-b</i> cDNA	5'-CACCATGGTGTGTCAGAAATTCTATGTGGTTTTGTACTACTGG 5'-TTACTTGTACAGCTCGTCCATGCCGAGAGTGATCCCG
<i>FTO</i> minimal promoters	5'-GTCTcccgggGGATGATTTTCTGGTCCCCATTCTC(SmaI) 5'-AGCCctcgagCTTCAAGCTCTTCAAGAAGCCTCAG (XhoI) 5'-TCCGcccgggCGCGAGCAAACAGGCTAGAGTCCAA(XhoI) 5'-TGCAGgtaccGAATGAAGATACTCTAAAGGGCAGAG (KpnI)
<i>RPGRIP1L</i> minimal promoter	5'-CGTGctcgagGGCTGGCCGAGAGGAGC(XhoI) 5'-GAGTgctagcCCAGAAACAATCCTAATGTC (NheI)
Enhancer upstream of <i>FTO</i> minimal promoters	5'-AGATacgcgtGCAAAATTTACACACCAAGATGGTCATG (MluI) 5'-GGCTggtaccCTGTCTCTTCTACCAGG (KpnI)
Enhancer upstream of <i>RPGRIP1L</i> minimal promoter	5'-AGATggtaccGCAAAATTTACACACCAAGATGGTCATG (KpnI) 5'-GGCTacgcgtCTGTCTCTTCTACCAGG (MluI)
EMSA	
CUX1 binding site containing the A allele	5'-AGTTGCCACTGTGGCAATAAATATCTGAGCCTGTGGT
CUX1 binding site containing the C allele	5'-AGTTGCCACTGTGGCAATCAATATCTGAGCCTGTGGT
Mutated CUX1 binding site	5'-AGTTGCCACTGTGGCAGGGAATATCTGAGCCTGTGGT
Mouse Cux1 binding site	5'-GTAGAGTAAATAGTTTACAAAGTGAATAAATATGAGT
Mouse Cux1 binding site with the human C allele	5'-GTAGAGTAAATAGTTTACAAAGTGAATCAATATGAGT
siRNA	
<i>Fto</i> -specific	5'-AUCGGAACCAGUAUUCUACUGUGCC 5'-UCAUCCAGCAUGAAAUAGCAGUCUC 5'-AUUUCAACGAGACGUCGCCAUCGUC
Scrambled control	5'-GCUCUCCGAAGCGUAUAGUCAAUUCU 5'-GGAAAGCCCUAACCUACACUGUUUA 5'-GCUGACGAUCCACCCGCAUUUAGUA
<i>Rpgrip1l</i> -specific	5'-AUCGGAACCAGUAUUCUACUGUGCC 5'-AAACAGGUCAGCAAGGUCAACAUGG 5'-AUAGUAGACCCACUGUCCACUCUGG
Scrambled control	5'-GUACGACUUGACUACCGCGAUUAUCU 5'-GCCGAGAGAUUAGGUCAUCAGACAA 5'-GCUCGCGCACCUUAUCAUAGAGUCA