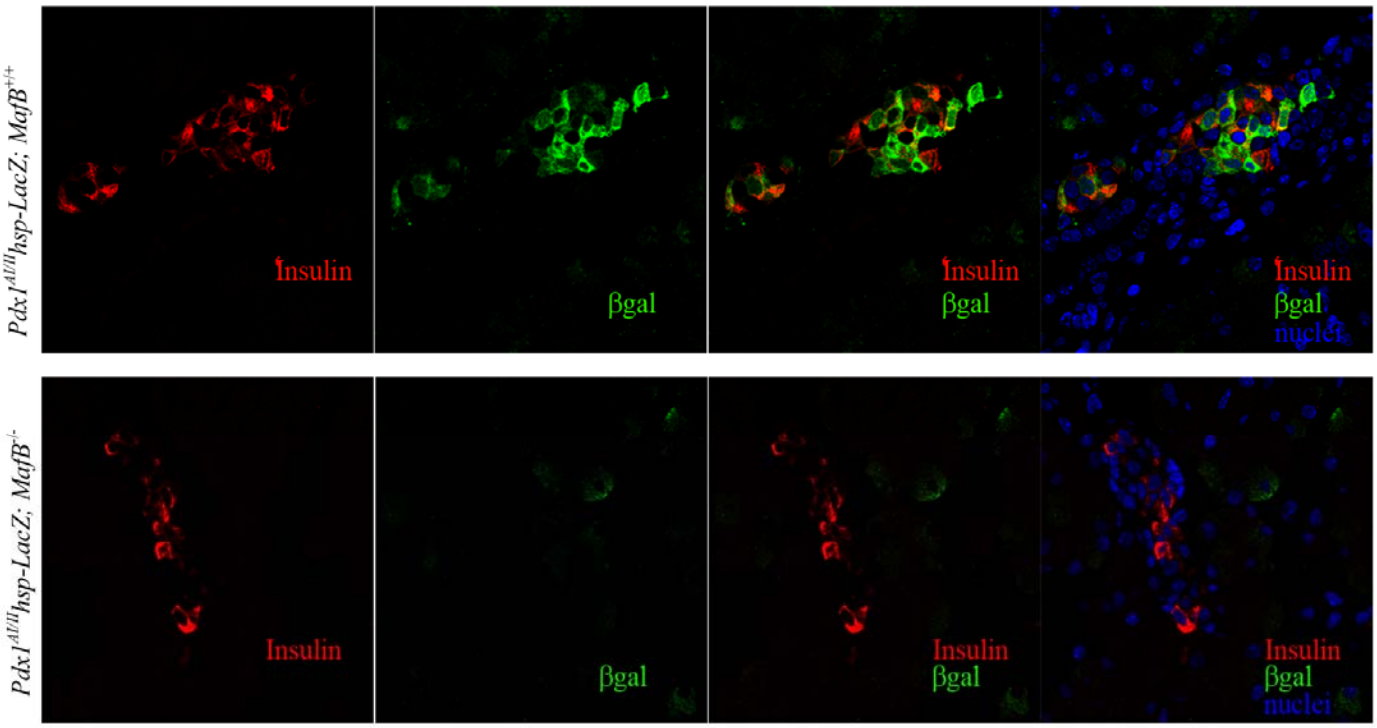
Supplemental Figure 1. *Pdx1*$^{AI/II}$*-LacZ* is expressed in few E18.5 insulin^{+} cells of *MafB*$^{-/-}$ mice. Confocal images of E18.5 pancreata from *Pdx1*$^{AI/II}$*-LacZ;MafB*$^{+/+}$ (top row) and *Pdx1*$^{AI/II}$*-LacZ;MafB*$^{-/-}$ (bottom row) costained for insulin (red), βgal (green), and a nuclear stain (blue).



Supplemental Table1. The commercially generated (IDT, Coralville, IA) probe and competitor sequences labled by the 5' gene location. Linker sequences are in italics, base pairs that were mutated are underlined, and mouse and human sequence is denoted with (m) and (hu).

gel shift oligos	sequence
mB2 (-2124/-2104)	*GCC*TTTCTGCTGAGAAACCCTTTT*AGGG*
huB2 (?)	*GGC*TTTCTGCTGAGAGCCTCTTTT*ACCG*
mB4/5 (-2103/-2083)	*GGGG*CTTTTTGCAAAGCACAGCAAA*GGC*
rat *Insulin* II C1 (-125/-101)	*CC*GGAAACTGCAGCTTCAGCCCCTCTG*G*
mAI -2756	GACAGAGTCTCAGCAGAAGTGGAAGGAAGAGAGGAGGC
mAI -2728	GAGAGGAGGCAGGGTACCTCCAGTATCAGGGAGGACTATCAG
mAI -2698	GAGGACTATCAGGACGTCCTGCTAATAAAAGACTTTTTCACTGTCC
mAI -2660	CACTGTCCACAGTATAATTGGTTTACAGCCGTTTTTGTTTATTTATCC
mAI -2624	GTTTATTTATCCATAAGAGCTGCTGTTAAATGGCTCGGGAAGG
mAI -2588	GGGAAGGCTCTTGCCTAATGGCTGGGTATCTCAGAGGCCTTCTGG
mAI -2552	GCCTTCTGGAGGCAGAGGAGGGCACAGGCGGCCTGGATTCAGAGCGG
mAI -2513	CAGAGCGGAAATGCGTATCACCCATAATGGATTTAGCCACCTGATGG
mAI -2474	CCTGATGGTGCTGGGAGCCAGAGAGGCAGAGAAAGAACCAAATCCTTCC
mAII -2196	CCTTCCCTCAAGTTTTTGCTCATCCTGTGAGAATTTATTTATTTGTTTC
mAII -2159	TTTATTTGTTTCCTGTGAAAAGCAGCGAGCTTGTTTTTC
mAII -2124	*GCC*TTTCTGCTGAGAAACCCTTTTCTTTTTGCAAAGCACAGCAAA*GGC*
mAII -2089	*CC*CAGCAAAAATATTAAATGGGAATAAATGAAGCGTCGAGATGGA*GGC*
mAII -2059	GCGTCGAGATGGAAGCCAATTTACCAAAATGCATGCAATTAGACC*G*
mAII -2029	*C*GCATGCAATTAGACCAGAAGTGCTAAGCAAACATCCTGGGGTGTGGG
mAII -1995	*C*CCTGGGGTGTGGGTTAGGCAGGCTGCTCAGGGGTGGGGCTCG*C*
mAII -1959	GGCTCGAGGGAACAGCAGGGGGTCTATCCCTAAGGGG

Supplemental Table 2. Mouse primer sets were generated with ABI software and used for quantitative ChIP analysis.

Primer set	primer 1 (forward)	primer 2 (reverse)
AI (-2763/-2686)	CTGGGACAGAGTCTCAGCAGAA	CGTCCTGATAGTCCTCCCTGAT
AII (-2091/-2007)	GCACAGCAAAAATATTAAATGGGAAT	CACTTCTGGTCTAATTGCATGCA
AIII (-1822/-1755)	TCAACACCTTGCCGCTGAT	CGCGAGTGGCCATATCG
AIV (-5992/-5912)	GGCCCAGCACTTGCAAAT	GATAAGGGAATGTTAAACTGGTTAACAA
PEPCK (-445/-366)	TTTGGCCGTGGGAGTGA	GCTGGCTGCACATTTTGTGT