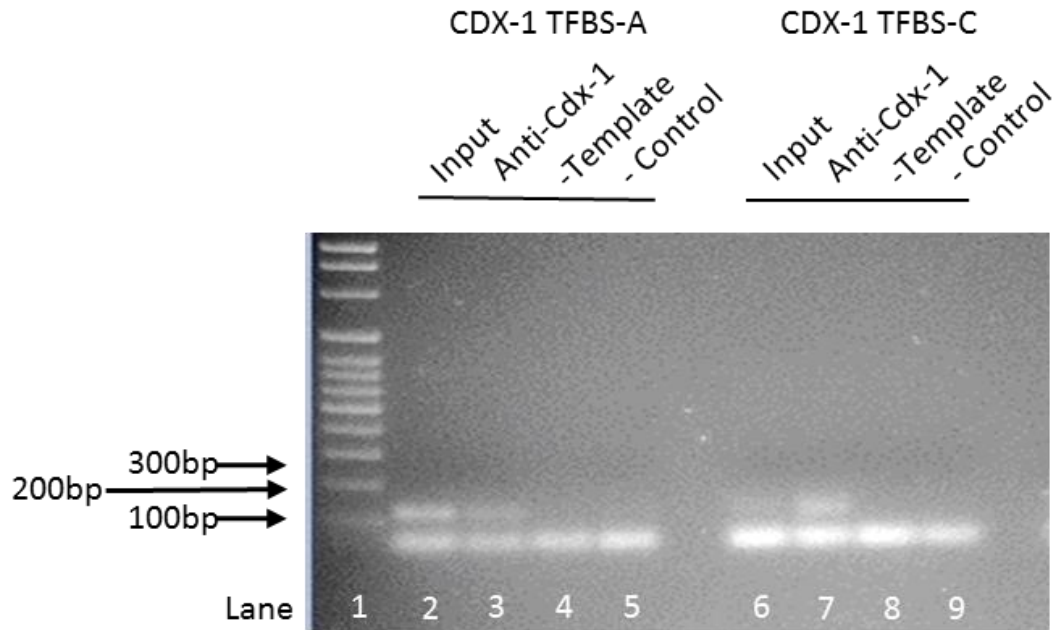


Supplemental Files:



Supplemental Figure 1. Cdx-1 binds to the mouse Nlrc4 promoter. ChIP analysis of DNA in cross-linked chromatin from RAW264.7 cells. DNA fragments were precipitated using an anti-Cdx-1 antibody. Lanes 2-5: Primer sequence targeting TFBS-A using RT-PCR. Lanes 6-9: Primer sequence targeting TFBS-C using RT-PCR. Lane 1: DNA Ladder. Lane 2: 1% starting chromatin input. Lane 3: DNA precipitated with anti-Cdx-1 antibody Lane 4: Non-template control. Lane 5: negative control using anti-GFP antibody. Lane 6: 1% starting chromatin input. Lane 7: DNA precipitated with anti-Cdx-1 antibody Lane 8: Non-template control. Lane 9: negative control using anti-GFP antibody. RT-PCR products were visualized using a 2% agarose gel.

Primer Label	Forward Sequence (5'-3')	Reverse Sequence (5'-3')	Amplicon size
CDX-1 TFBS-A	ctctccagcccccttgaact	atcttgagccatctgggttg	121
CDX-1 TFBS-B	cccaatgtttccaccaatgt	ccacagagaccacctgact	150
CDX-1 TFBS-C	ctcaggaggcagagtcaggt	tgtttgtttgtttgggaca	117
CDX-1 TFBS-D	cattccctttgcttgagaa	gatgccctcttctggtgtgt	150

Supplemental Table 1. Primer sequences for ChIP. ChIP primer sets were custom designed using Primer3Plus PCR primer design tool (<http://sourceforge.net/projects/primer3/>).

Primer Label	Official Symbol	Forward Sequence (5'-3')	Reverse Sequence (5'-3')	Amplicon size
18S	Rn18s	agaaacggctaccacatccaa	gactcattccaattacagggc	123
Cyclin D1	Ccnd1	cgtggcctctaagatgaagga	cgggccgtagatagattgt	80
IL-1 β	Il1b	caggcaggcagtatcactca	tgtcctcatcctggaaggtc	86
IL-18	Il18	tccatgctttctggactcct	ggctttcttctcctgatgc	89
IL-6	Il6	gttctctgggaaatcgtgga	cagaattgccattgcacaac	52
TNF- α	Tnf	agccccagctctgtatcctt	gagttggaccctgagccata	58
I κ B α	Nfkbia	ctccagatgctaccgagag	tagggcagctcatcctctgt	77
Stat3	Stat3	cagggtgtcagatcacatgg	tagccagaccagaaggaga	77
c-Fos	Fos	cgggtttcaacgccgacta	ttggcactagagacggacaga	166
c-Myc	Myc	gagtgcattgaccctcagt	gaatcggacgaggtacagga	80
Crp	Crp	tctgcacaagggtacactg	aagtcaccgcatcacgagtc	78

Supplemental Table 2. Primer sequences for qPCR. qPCR primer sets were custom designed using Primer3Plus PCR primer design tool (<http://sourceforge.net/projects/primer3/>) with design optimization for qPCR application.