Table S1. Primers or Probe Sequences for PCR, generating constructs, and ChIRP Analysis

Primers for real-time PCR		
	Sense primer (5'-3')	Antisense primer (5'-3')
IL-6	CCCAATTTCCAATGCTCTCCT	CATAACGCACTAGGTTTGCCG
iNOS	GGCAAACCCAAGGTCTACGTT	GGCCACCAGCTTCTTCAATGT
MIP-2 (CXCL2)	CACTCTCAAGGGCGGTCAAA	AGGCACATCAGGTACGATCCA
(CCL5) RANTES	GAAGGAACCGCCAAGTGTGT	GAGCAAGCGATGACAGGGAA
Saa3	CATGGAGCAGAGGACTCAAGA	CAGCATGACTGGGAACAACA
Mybbp1	GGAGACTTGATCCGCCATTT	GCCAGAAGGTAGGCATGACA
Ptgs2 (Cox-2)	GCCAGGCTGAACTTCGAAAC	ATCCAGGCTGAGCTCACACA
GAPDH	AACAGGGTGGTGGACCTCAT	AGTTGGGATAGGGCCTCTCTT
U1	ATACTTACCTGGGAGGGGAG	CAGGGGGAAAGCGCGAACGCA
U2	CTGATACGTCCTCTATCCGAGG	TGCAATACCAGGTCGATGCGT
RPS14	TTCTGGCAAGGAAACCATCTG	CATCCTGGGCAGCCAACAT
BACE1AS	TCAATGCTAACCTGGGCTACG	TTCCCATCAGGCGCTTACA
H19AS	GGACACCTGACCTCCCTACC	CAAACCAGCCAGGGGTCCTAC
HOTAIR	CTTGAAACCCTCTTCGCAGG	TGTGCGGTGGAGATAGATGTG
xcmch10a	TGTGTTCTGCATGTTCCACA	CCCACATCAGGGCTAAAGAG
Mistral	GGTCACCAAGGCTTCACTGA	CCTTGTGTCAAAGCCAGAGAA
NEAT1	GGAGGCCATCGTTGAAGTCA	CATTCATGCATCCGCAAAGA
SNHG1	ACTTTGGAGCCAGGCCTGTT	GACATCATTGCAACTCAGCCAT
SNHG3	TTCCGGGCGTTACTTAAGG	GGTCAAGAACAAGCACACCAA
NR_015555	TGGAGGAGCCAGGACTCAAAT	TCCAGAAATCGGGCTGCTTAT
LincRNA-Cox2	AGTATGGGATAACCAGCTGAGGT	GAATGCTGAGAGTGGGAGAAATAG
chr1:1756	TGACAGCACACATCAAACCTC	ACCAGCCCTAGTTTGGTTGA
chr18:3644	TTCAAAGATCAGCCACCAGA	GGGAAAAGCCACAAATACCA
chr19:1259	GCAAGTGCCATGAGTCTGAA	ATTTGCCCGATGACTTTCTG
chr2:8443	TAACCCTAGCACTGGCATGA	GAAAAGGCAAAAGCAGAAGG
chr16:3452	ACCCCTTTCCCATGCTAGAC	TGGGACTTTTGTGGAATGGT
Primers for Chromatin Immunoprecipitation		
LincRNA-Cox2	TGGTGGGTAGGGTTGTGGA	TGAACACACTGGGAAACAAGC
IL-6 primer 1 and 2	TCCAATCAGCCCCACCCACTC	GGTGGGCTCCAGAGCAGAATG
IL-6 primer 3 and 4	GACATGCTCAAGTGCTGAGTCAC	AGATTGCACAATGTGACGTCG
CCL5 primer 3 and 4	TGACACAAGTGTGGTCTGTTTCTG	AGGTAGCAGGGAGCTGTTGTCTTA
CCL5 primer 9 and 10	TGGAGGGCAGTTAGAGGCAGAG	AGCCAGGGTAGCAGAGGAAGTG
CCL5 primer 11 and 12	CTCTTTTGTTCCCATCTTAGTTACTAATG	CATGGAAGAGTATTTGTCATGAGCATACC
Saa3 primer 1 and 2	CAACCAGGATGGCGAAGACTTC	AGGAGATGTGGCCGAGGATATC
Saa3 primer 3 and 4	GCGCAATCTGGGGAAAGA	AGTGGCTTCTGTCCTTTGCTGA
Saa3 primer 5 and 6	TGGTCCATTTGCAAACCCTT	TGCTTCTGCAGTGCTGAGCTA
Saa3 primer 7 and 8	AGGGACCACATAATCAAGGGC	TTTCACCTACATTCCCGTGGA
Primers for Promoter constructs[a]		
LincRNA-Cox2	TacgcgtAGGGCCAAGAAGTGGGAGTT (Mlu I)	GctcgagAAGGAGCCTCATATTCCACACCT (Xho I)
CCL5	TacgcgtACTTGGACCTGCCATCCGTT (Mlu I)	GctcgagTGAGGATGATGGTGAGGGCA (Xho I)
Saa3	TacgcgtCAACCAGGATGGCGAAGACT (Mlu I)	GctcgagCCAGGAACAGGGAAGAGTGCTA (Xho I)
IFNβ	TacgcgtGGTCTCATCTTTATCAGTCCCTCAAG (Mlu I)	GctcgagGGAGGATCCACCTGTTGTTCAT (Xho I)
Primers for 5'- and 3'- RACE PCR		
	5'- RACE Gene-specific primer (5'-3')	3'- RACE Gene-specific primer (5'-3')
LincRNA-Cox2	CAGGGCTGGCCAGTAAGTATGGGATAACC	sense primer that used for real-time PCR
Primers for LincRNA-Cox2 overexpression		
LincRNA-Cox2	CACggaattTCCCAGGTGTGGAATATGAGG (EcoR I)	CCtctagaTTAATGATCATTCTTTCTTTT ATTTTATTGTTGA (Xba I)
Oligoes for REAA		
Short 5 recessed Saa3 PstI	GCGGTGACCCGGGAGATCTGAATTCtgca	
Long Blunt Saa3 PstI	GAATTCAGATCTCCCGGGTCACCGC	
Saa3 P1b	TGACCCGGGAGATCTGAATTCtgcag	
Saa3 P2	TGGTCCATTTGCAAACCCTT	P1a TGACCCGGGAGATCTGAATTC
Long Blunt CCL5 EcoN I	GCGGTGACCCGGGAGATCTGAATTC	
Short 3 recessed CCL5 EcoN I	aGAATTCAGATCTCCCGGGTCACCGC	
CCL5 P1b	TGACCCGGGAGATCTGAATTCtatag	P2 TTTGGCCAGAGAGGGAGTCATC
ChIRP Probes		
LincRNA-Cox2-probe 1	5'-CTCATATTCCACACCTGGGA-BIOTEG-3'	-probe 2 5'-ATAACAACCCACTTATTAGG-BIOTEG-3'
LincRNA-Cox2-probe 3	5'-CCACTCTTCTTCACCCTTTT-BIOTEG-3'	-probe 4 5'-TTCCTTAGTTCCTTGTGTAG-BIOTEG-3'
LincRNA-Cox2-probe 5	5'-TTTCAGGGCTGGCCAGTAAG-BIOTEG-3'	-probe 6 5'-CCTTGCTCTCTTTCAAATTC-BIOTEG-3'
LacZ-probe 1	5'-TTCAGACGGCAAACGACTGT-BIOTEG-3'	-probe 2 5'-TGATGCTCGTGACGGTTAAC-BIOTEG-3'
LacZ-probe 3	5'-TCAGTTGCTGTTGACTGTAG-BIOTEG-3'	-probe 4 5'-CCAGTGAATCCGTAATCATG-BIOTEG-3'
LacZ-probe 5	5'-AATGTGAGCGAGTAACAACC-BIOTEG-3'	-probe 6 5'-GTAGCCAGCTTTCATCAACA-BIOTEG-3'

Listed in this table are all the primers used in this study for the real-time PCR and RACE PCR, as well as those for ChIP analysis and construct generating, and probes for ChIRP analysis. [a]Restriction enzyme sites were indicated by lowercase letters.

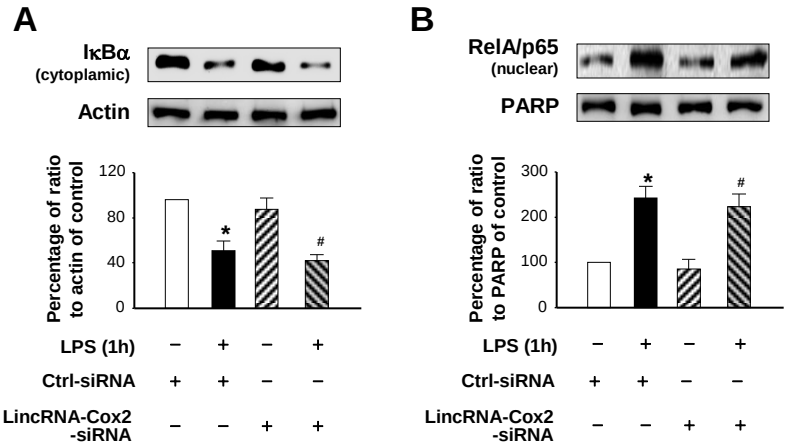

Figure S1. LincRNA-Cox2 siRNA Did not Show a Significant Effect on the Cytoplasmic Degradation of IκBα and Nuclear Importing of NF-κB p65 Induced by LPS. RAW264.7 cells were transfected with the lincRNA-Cox2-siRNA for 24h followed by LPS stimulation for up to 1h. Cytoplasmic and nuclear extracts were obtained and blotted for IκBα and p65, respectively. Actin and PARP were used as loading controls. Representative blots from three independent experiments are shown.

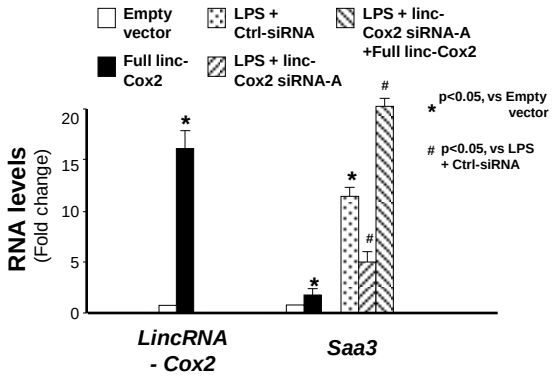

Figure S2. Overexpression of LincRNA-Cox2 Attenuated the Inhibitory Effects of LincRNA-Cox2 siRNA on LPS-induced Upregulation of *Saa3* Gene in RAW264.7 Cells. Cells were transfected with the full-length of lincRNA-Cox2 or siRNA-A to lincRNA-Cox2 for 24h, exposed to LPS stimulation for 4h and followed by real-time PCR analysis of Saa3.

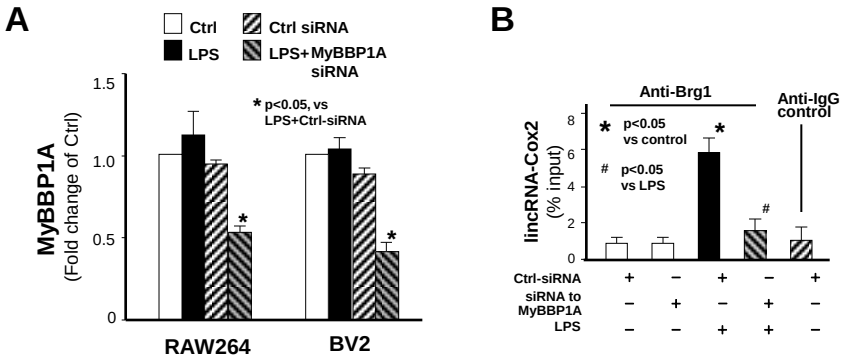

Figure S3. siRNA Knockdown of MyBBP1A and its Impact on LincRNA-Cox2 Assembly to the SWI/SNF Complex. (A) Quantitative PCR analysis of MyBBP1A in RAW264.7 and BV2 cells treated by a specific siRNA to MyBBP1A. (B) Knockdown of MyBBP1A attenuated the assembly of lincRNA-Cox2 to SWI/SNF complex. RAW264.7 cells were transfected with an siRNA to MyBBP1A for 24h, exposed to LPS (for 2h), and cell extracts were used for RIP analysis of lincRNA-Cox2 using anti-Brg1.