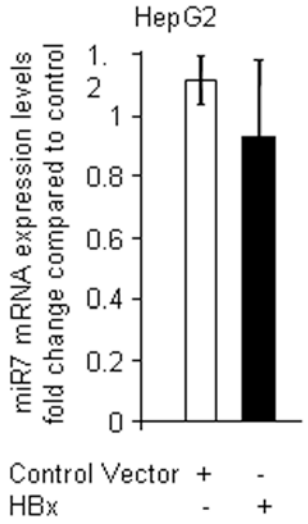
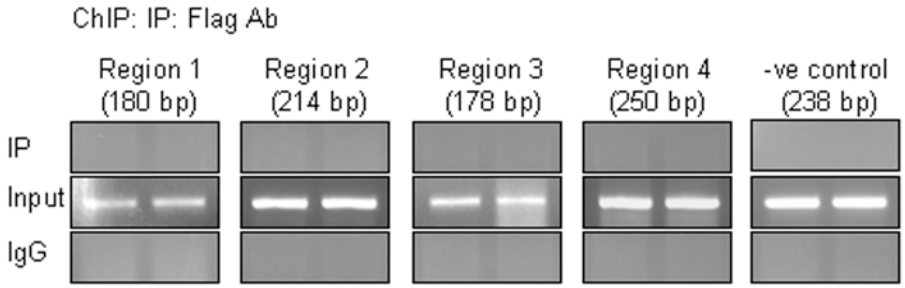
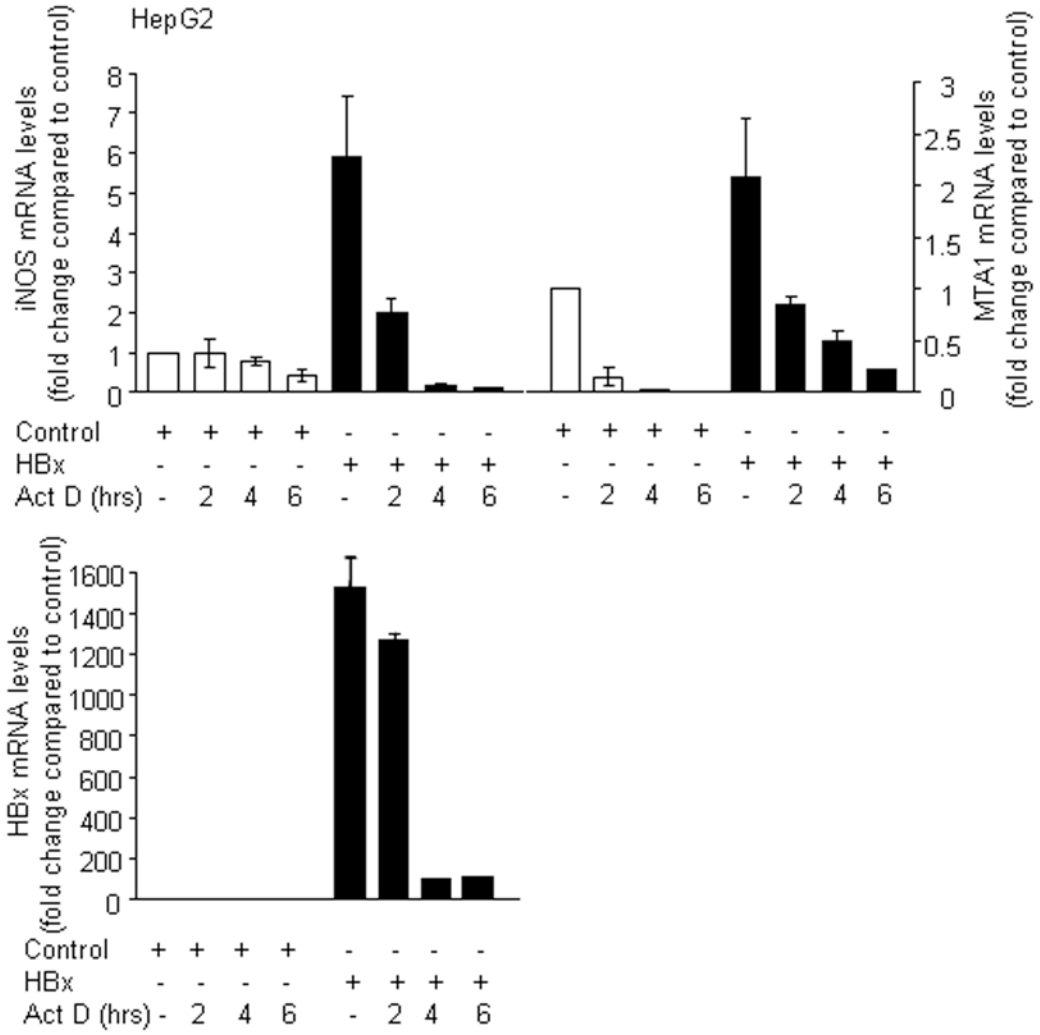


Supplementary Figure S1. Transcriptional levels of miR-7 and in HepG2 expressing HBx and control were quantified by real time PCR. U6 RNA was used as an internal control for miR-661 quantification.



Supplementary Figure S2. Recruitment of HBx to *miR-661*-chromatin R1-4) by ChIP assay in HepG2 cells after transfecting with either pCMV vector control or pCMV-HBx. Random region was used as a negative control for the study.



Supplementary Figure S3. *A.* qPCR analysis of iNOS, MTA1, and HBx mRNAs in HBx expressing HepG2 cells or control transfected HepG2 cells with or without Actinomycin D (5 µg/ml) for the indicated amount of time exposure.

Table 1

Primer sets for ChIP and EMSA

Primer for ChIP	
Set 1 (-102 to -119)	**PCR product (-1 to -246)**
hiNOS ChIP FP1	ACCTTGGACTTGGGACCAGAAAGA
hiNOS ChIP RP1	GAACACACTGGCAGCCAAGAAGTA
Set 2 (-5.5kb)	**PCR product (-5344 to -5593)**
hiNOS ChIP FP2	TATAGTACTTTTACCAGCTGCCTC
hiNOS ChIP RP2	AAAAGCCTCGTTTCTTGTCAA
Set 3 (-5.8)	**PCR product (-5707 to -5941)**
hiNOS ChIP FP3	AGCATCCAGCACCCTCAGAGGCTGT
hiNOS ChIP RP3	ACCCAGCAGTTCCAGAGCATCACT
Set 4 (-6.1)	**PCR product (-6010 to -6223)**
hiNOS ChIP FP4	TCAGGCTCTGCAGAAGTTGCCAGT
hiNOS ChIP RP4	GCTGCATCTTTGGTTAGGCCACATAA
Set 5 (-8287 to -8270)	**PCR product (-8100 to -8296)**
hiNOS ChIP FP5	CCCGGGAGCCCCTGGGGAACTCCT
hiNOS ChIP RP5	ATCTTAGGGACACCACCGGTCTGA