

Supplemental Table 1:

EMSA

Probes

HS2-236bp:

5' - ACCTGGAGACCTACGGCGCCGAGCTCACCGCTAACGTGCTGCGCGACATGGGCCTGCAGGAGATGGC
CGGGCAGCTGCAGGCGGCCACGCACCAGGGTGAGCCGCCCCCGTTCCCCTCCACCCCGTCTTTCCCCTCC
ACCCACACCAGCGCTTACCCCGCGGGCTCTTCCGCTTTCTGTTCCCTCCTACCCCTAAACAAAGCTGCTCT
ACCGGAAAGGAGGCTCCCCACGCTTGGCC-3'

HS2-55bp:

5' - GCTCTTCCGCTTTCTGTTCCCTCCTACCCCTAAACAAAGCTGCTCTACCGGAAAGG-3'

Competitors

HS1:

5' - CCAGCTGGAGGGCGCGATCCTGGCGTCCCCGACGGCCTGGGGCCCCAAT-3'
5' - ATTGGGGCCCCAGGCCGTGGGGGACGCCAGGATCGCGCCCTCCAGCTGG-3'

HS3/3A:

5' - ACCCTCATCCCCTGCATGTGGGGTCTGGTGGCCGCCCCCTGGAGCCCT-3'
5' - AGGGCTCCAGGGGCGGCCACCAGGACCCACATGCAGTGGGATGAGGGT-3'

RCOIV:

5' - CGGGACCCGCTCTTCCGGTTCGCGAA-3'
5' - TTCGCGACCGGAAGAGCGGGTCCCG-3'

CGBP:

5' - CTATGCTTCTTCTTCCGGTGAGGAAATGAAAAACAGCAG-3'
5' - CTGCTGTTTTTCATTTCTCACCAGGAAGAAGAAGCATAG-3'

HS2-NS:

5' - GATGGCCGGGCAGCTGCAGGCGGCCACGCACCAGGGTGAGCCGCCCCCGTTC-3'
5' - GAACGGGGCGGCTCACCCCTGGTGCCTGGCCGCTGCAGCTGCCCGGCCATC-3'

3C:

5' - AGAGGAATTCCTGAAGAACTCAAGTTCAGCAGGGACAGGCCCCACACCCT-3'
5' - AGGGTGTGGGGCCTGTCCCTGCTGAACTTGAGTTCTTCAGGAATTCCTCT-3'

DNAseI Footprinting

Probe

5' - TCCCCTCCACCCACACCAGCGCTTACCCCGCGGGCTCTTCCGCTTTCTGTTCC
TCCTACCCCTAAACAAAGCTGCTCTACCGGAAAGGAGGCTCCCCACGCTTGGCC-3'

PCR Primers and Annealing Temperatures for Chromatin Immunoprecipitation

TMS1-1: (55°C)

5' -GATGGAGTTTCGCTCTTGTTG-3'

5' -GGTGGGTGATCAGGAGTTTG-3'

TMS1-2: (55°C)

5' -AATTCTGGCTCCCCTAGGAA-3'

5' -AAAAGGGCAGAGAGTGCAA-3'

TMS1-3: (55°C)

5' -CCAGCTGGAGGGCGCGA-3'

5' -GCAAAAGGCGCTTCCTTACT-3'

TMS1-4: (60°C)

5' -CGCCTTGGACCTCACCGAC-3'

5' -ATGTCGCGCAGCACGTTAGC-3'

TMS1-5: (65.5°C)

5' -CCCATATCCTTCCAGGCTCTG-3'

5' -CAGGCTGTGCAGGAGTGCG-3'

TMS1-6: (60°C)

5' -AGAGCTCAGCTATGCTTCAG-3'

5' -CCTGGGTCACAGGCTGTTA-3'

TMS1-7: (55°C)

5' -GGTCATAGGTTGCACTTTGC-3'

5' -GTTTTAAATGTTCTTTCAAATGA-3'

PCR Primers for Mutagenesis

For deletion of GABP α binding site 1 (418-426bp):

5' -CGAATGGGGCGCCCGAGGAAAGACAAGGAGG-3'

5' -CCTCCTTGTCTTTCCTCGGGCGCCCCATTTCG-3'

For deletion of GABP α binding site 2 (458-466bp):

5' -GGATTTGTTTCGACGAGCTTTCCTCCGAGGG-3'

5' -CCCTCGGAGGAAAGCTCGTCGAAACAAATCC-3'

siRNA sequences

GABP α -1:

5' -UUUGCAGAGAAGCAGUAGCCAGAGC-3'

5' -GCUCUGGCUACUGCUUCUCUGCAA-3'

GABP α -2:

5' -AUCAAUCUCAAUUUCUAUCAGCUCC-3'

5' -GGAGCUGAUAGAAAUUGAGAUUGAU-3'

GABP α -3:

5' -CAAUGC UUUCUUCUGUGCACUCUGC-3'

5' -GCAGAGUGCACAGAAGAAAGCAUUG-3'

GABP β 1:

5' -AAAUACGAACUUCAUCAUCUUGACC-3'

5' -GGUCAAGAUGAUGAAGUUCGUUUU-3'