

ADR1

-1000 ATGCCTGGCTAATTTTGTATTTTAGTAGAGACGGAGTTTCACCAGGTTGGCCAGGCTGGTCTTGAAC

USF-1 GATA-1 GATA-2

ACCTGATCTCAGGTGATCCGCCCATCTCGGCCTCTCAAAGTGCTGGGATTACAGGTGCGAGCCATCG

NIT2

CGCCTGGCCTAGAGGTGTACATTTTTTAAACAGAACCATTCAAAGGAGGTTGTGGGATCATGGGACT

p300

TCCATGCTACAGCATTAACTCCTAAGAATAAGGATACACTCCCACATACCATGACACTCTGTTCCACAC

CTAAAAAATTTACATTTATTCCAGAATATCATCTAATCTCCAGTCCGTGCTTACATGTCCCCAATTGTC

CCCAAAACATCTTTATAGATTTTTTTAAAAATTTGTTAAATGCCATATCCAATCGATATGGCAATCAA

C/EBP

TGCAAATCCATATTGCATTTGGTTATGCTCTTAGTCTTTTTGCATAAGGGGGGCCTCTTTAGGATGC

STRE

AAAATCTTTATCATCTCTCTTTCCACTTGGGGACTTGGGCTGAAAATCAGGAGTGGCTGGAACACG

CCCATTTACTGTTGGTTTTGCAGGTTGTTGGAGGTTACTACAGAAGAACATCCCTCTGGAGAGGGGC

CGTGAGCCTGGTTGGCCTAGACTGAGTGCCCTGGCAGAGCTCTCCTCATGTGTGCAGTGGGAAAGA

AGCCAGATCAGTCAAAGGCCTAACCCCACTCCAGACCCTACCCTACTCTTCAGAGAAATAGGC

TCCCTACCCTGAACCCTAAAGACAGCTGTACCTTCATCCCAGGGACCCAGCACCCCTTCTGGCCTAT

AP-1 NF-1

CCCCAAAGAGTCAACCTGGTCTTAGGTAGTAGGTGGAGCTGAGGGATAATGGCCCAAGGCCAAGA

USF-1

GTTGATCCTTCCAACCTTTGTTTCAGTGATCCAGCTTTTCATATCAGGTGATCAGGACAACCAGGCCAATCT

SP1 +1

-43 GATAGGGGGCGGTGTTATAAAAAGGCCACTCACCTAGAGCCAATGGCATTGTCCAGTCTGTTCC

CTTCTCGGCCACAGAGCTTCTCCTGGC

Supplemental Figure 1. Mapping of putative transcription factor binding sites on human *CYP1A2* upstream sequence.

<p>CYP1A2 mRNA: hCYP1A2 mRNA Left primer 5'-GTTCAAGCACAGCAAGAAGG-3' hCYP1A2 mRNA Right primer 5'-CTCAGGCTTGGTCAACAAGGT-3'</p> <p>GAPDH mRNA: Left Primer 5'-TGGAAATCCCATCACCATCT-3'; Right Primer 5'-TTCACACCCATGACGAACAT-3'</p> <p>CHIP Primers: Left primer 5'-GCT CTT CCT CAT GTG TGC AGT G- 3' Right primer 5'-GTC CTG ATC ACC TGA TAT GAA G-3'</p> <p>Southern Blot Probe: NF-1 5'-TAA TGG CCC AAG GCC AAG AGT TGA-3' USF-1 5'-TTT CAT ATC AGG TGA TCA GGA C-3'</p>
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Supplemental Table 1. Primer sequences used for RNA/DNA manipulation.