

Supplementary data: Figure Legends

Figure S1. Hypoxia promotes c-Myc association with HuR. UM74B cells were grown under normoxic and hypoxic conditions and subjected to RNP IP followed by RT-qPCR analysis and visualized under agarose gel electrophoresis to measure the relative quantity of *c-Myc* mRNAs in HuR IP compared to control IgG IP. Input GAPDH serves as a loading control for both normoxia and hypoxia (CoCl₂ treatment).

Figure S2. Schematic depiction of the 3'UTR of c-Myc (A–D) used for HuR binding site identification (Materials and Methods).

Figure S3. Schematic depiction of HuR isoforms used in this study.

Figure S1

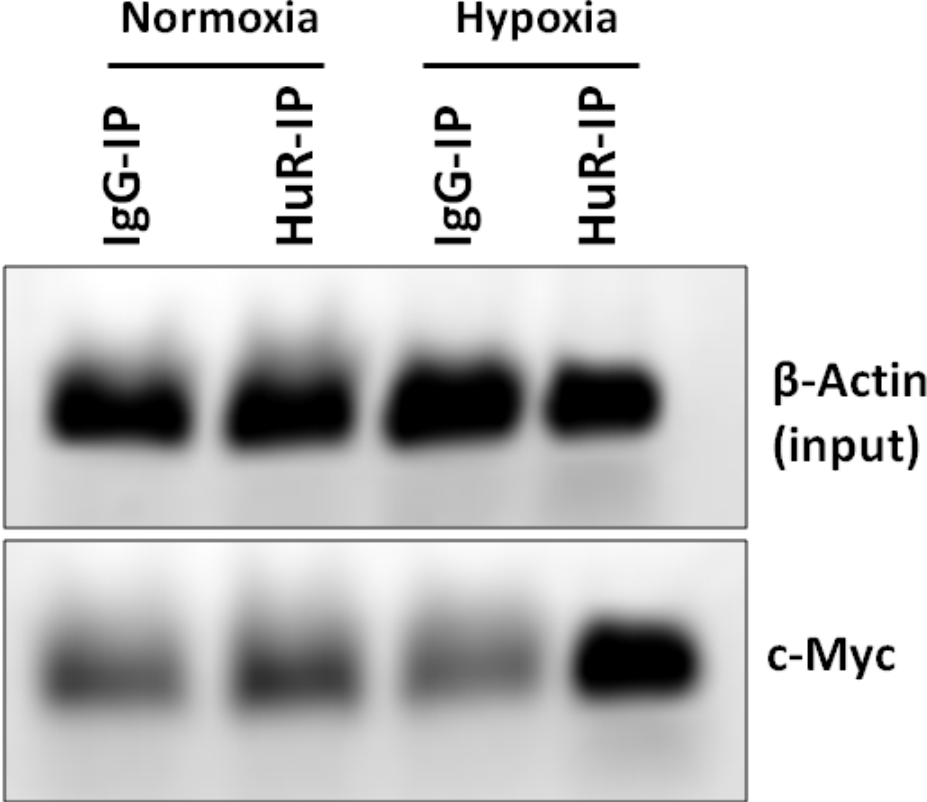


Figure S2

3'UTR of c-Myc (1891-2357 nucleotides)

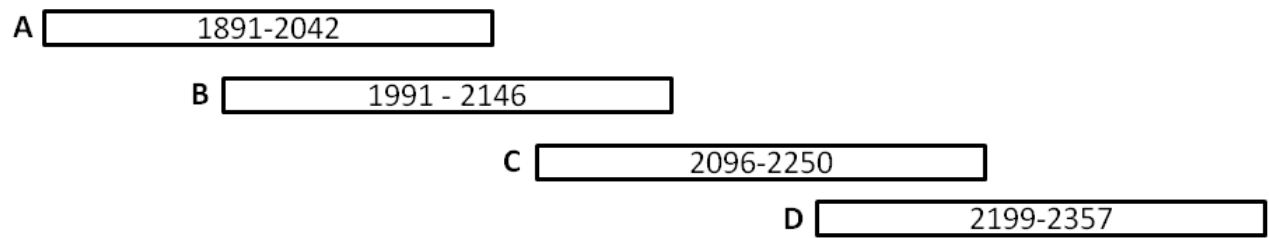


Table S1: Primers and Probes used for qPCR.

Gene	Forward Primer (5'-3')	Reverse Primer (5'-3')	Probe (5'-3')
c-Fos	AGCCGGCACCCACAAGTG	GGAACCCTCTAGGGAAGATGTG	CACTGCCCCGAGCTGGTGCAT
c-Jun	GGAACAGGTGGCACAGCTTAAACA	TTGCAACTGCTGCGTTAGCATGAG	TGAACCACGTTAACAGTGGGTGCCAA
c-Myc	CCTCCACTCGGAAGGACTATC	TCGGTTGTTGCTGATCTGTCT	CTGCCAAGAGGGTCAAGTTGGACA
Cyc-B1	GCACCTGGCTAAGAATGTAGTCAT	TGCTTCGATGTGGCATACTTG	TGCTTCGATGTGGCATACTTG
Cyc-A2	CCCAAAGCACACTACATGAAGAAG	ACCAGCCAGTCCACCAGAATC	CAGCCAGACATCACGGAAGGCA
Cox-2	GCTAGCCCACAAAGAATATTGTC	GTGGCTGAACAAATTAACGAAGCAT	AGCCTGAATGTGCCATAAGACTGACC
TNF α	GGCCCGACTATCTCGACTTTG	AGGCGTTTGGGAAGTTGGAT	CCGAGTCTGGGCAGGTCTACTTTG
GM-CSF	GGCCAAGCCCATTAAGGT	CACTCCACCATCTGTGAAAGAC	TCTTCTGTTGGGTGCTATCATTCTGA
β -Actin	GGCACCCAGCACAATGAAG	GCCGATCCACACGGAGTA	CAAGATCATTGCTCCTCCTGAGCGC
GAPDH	TCGACAGTCAGCCGCATCTTCTTT	ACCAAATCCGTTGACTCCGACCTT	AGCCACATCGCTCAGACACCATGGG