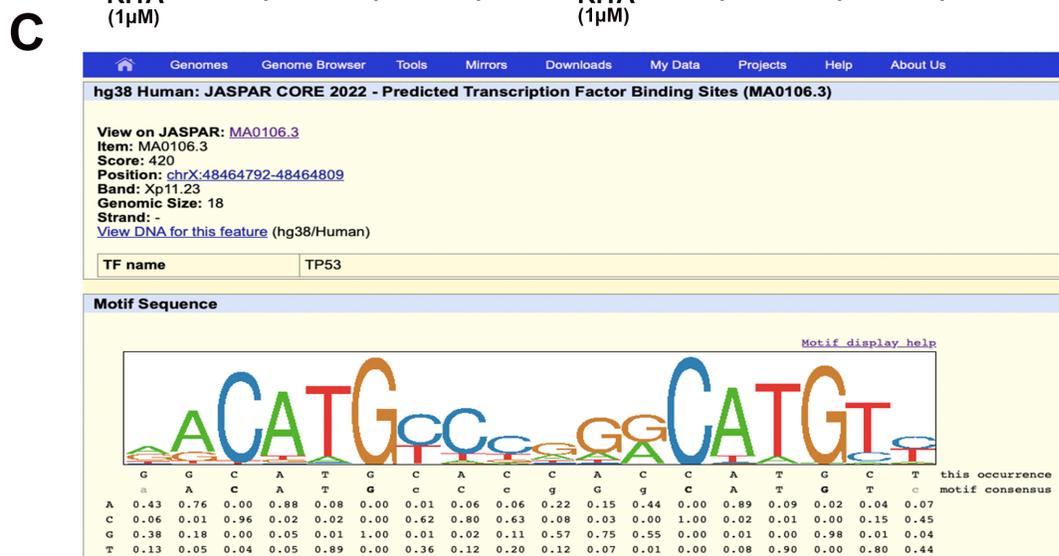
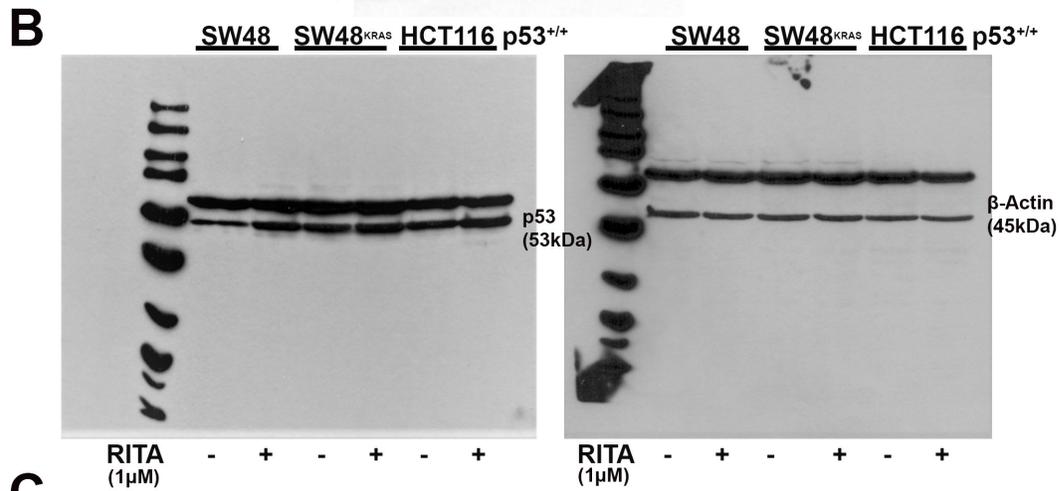
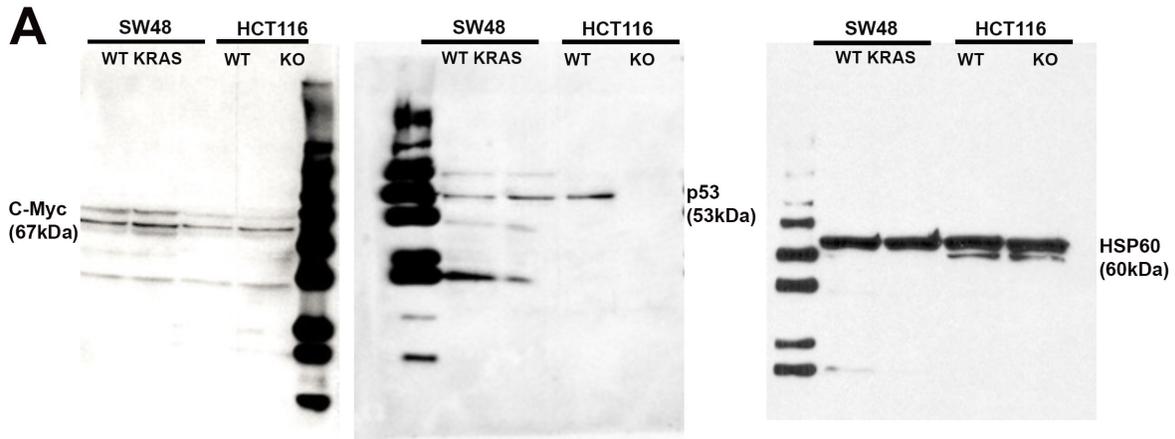


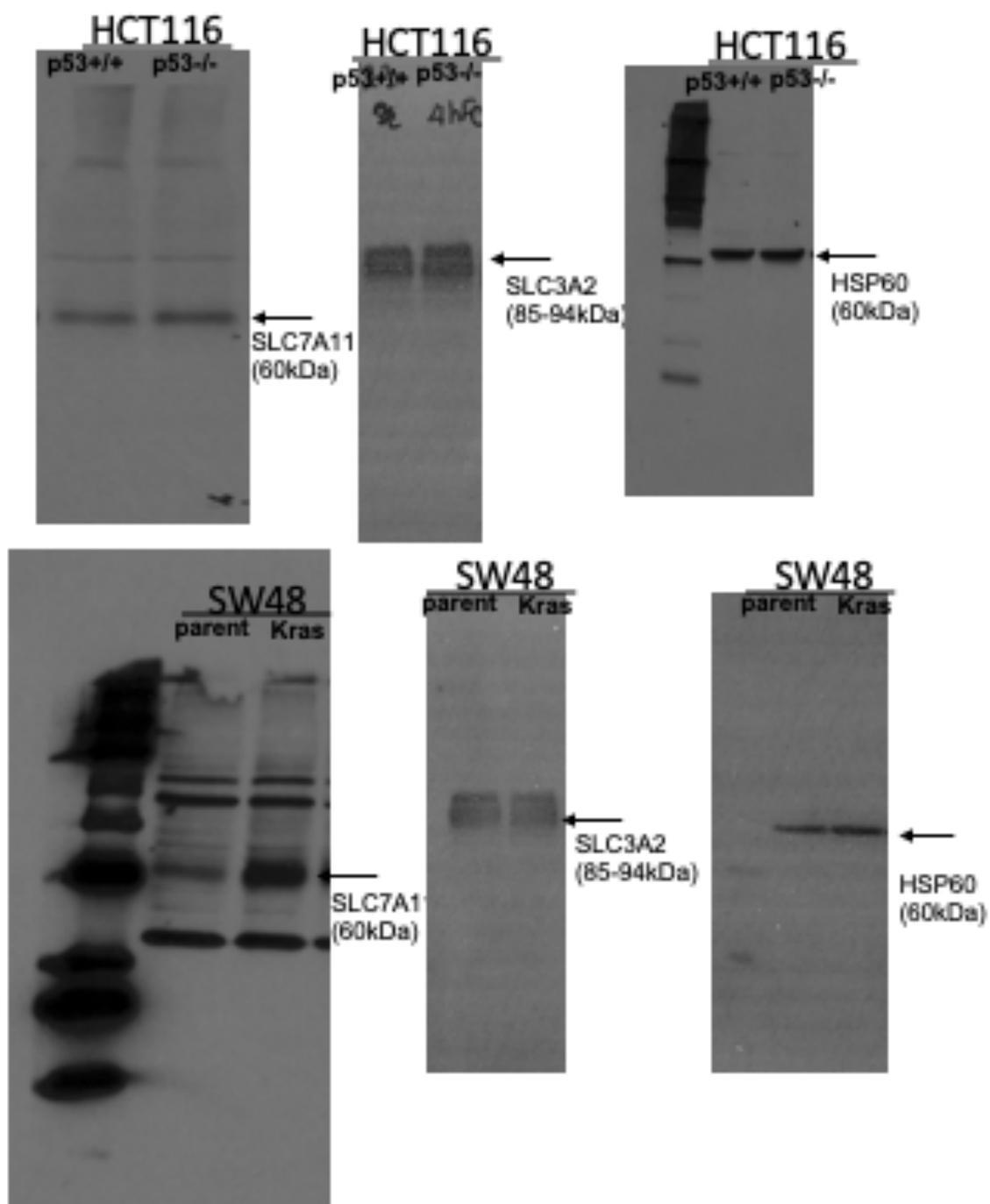
Supplemental Materials

Supplementary Table 1: Primer sequences

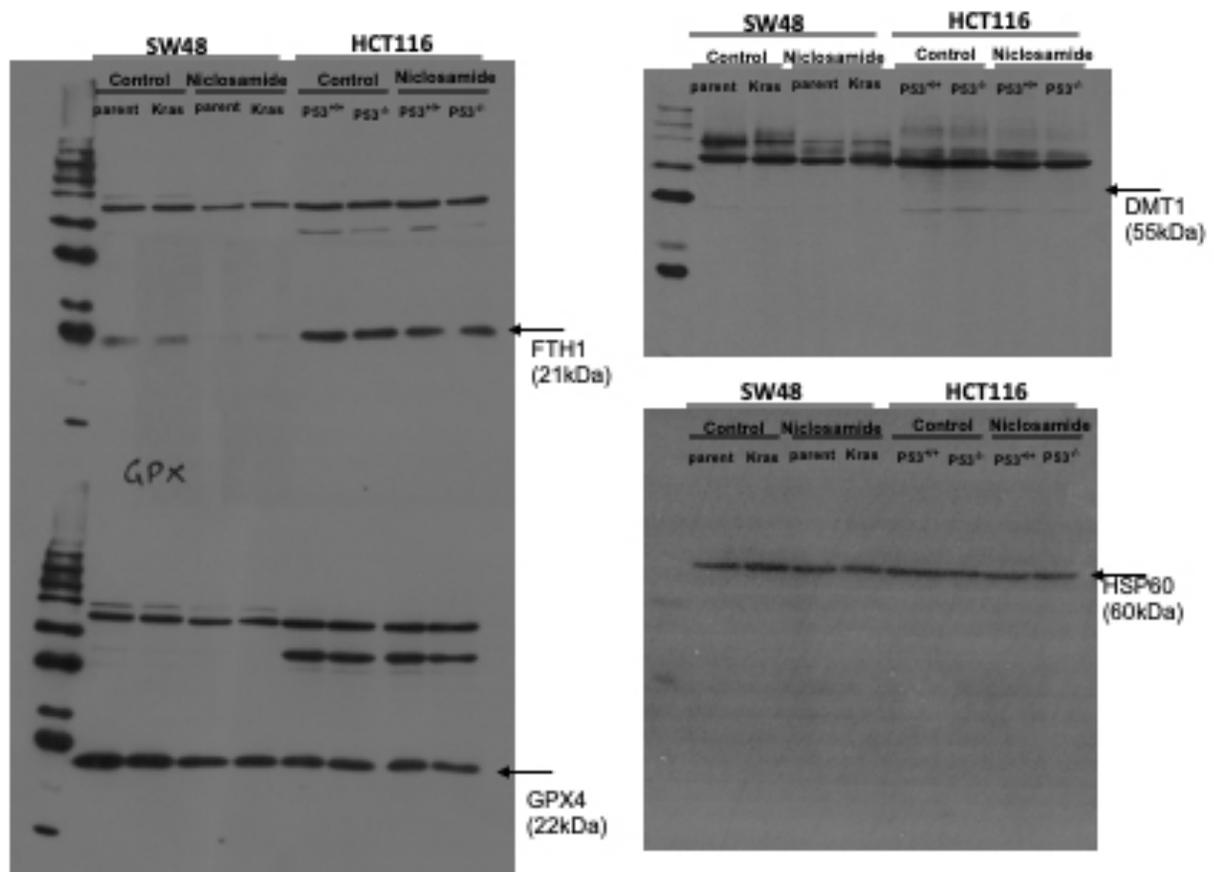
Gene	Forward	Reverse
SLC38A5	GTTGGGGCCATGTCCAGTTA	AGTGTTTCATGAGGGCGAGG
SLC38A3	GAGGCCAGACATCTGACTGTT	GGTCCTCGACCCCTCTGGTT
SLC7A11	TGTGTGGGGTCCCTGTCACTA	CAGTAGCTGCAGGGCGTATT
SLC3A2	CTCGTGGTTCTCCACTCAGG	CCGCAATCAAGAGCCTGTCT
18S	CCCGTTGAACCCCATTCGT	GCCTCACTAAACCATCCAATCGGTA
SLC38A5-p53 promoter	ACTAGGACTTTGCTGCCCAG	ACAGGCAGAGCACTTAAGACA
SLC38A5-p53 promoter (negative control)	GCCATTTGCTGAAATGC	AACTTCCAGGTTCAAGCCCT
SLC38A5-MYC promoter	GAGGCCTCTTGTCCACCTG	TTGTCCAAGCCCTGAGAAGT



Supplementary Fig 1. Original blot for Fig 2.



Supplementary Fig 2. Original blot for Fig. 4E & F.



Supplementary Fig 3. Original blot for Fig. 14.