

Supplemental Tables Legends

Table 1. Antibody suppliers and working dilutions.

Table 2. Primer sequences to generate GAPDH mutants via site-directed mutagenesis.

Journal Pre-proof

Table 1

Antigen	Dilution	Type	Order #	RRID	Supplier
GAPDH	WB - 1:1000	monoclonal	2118	AB_561053	Cell Signaling
β -Tubulin	WB - 1:1000	monoclonal	2128	AB_823664	Cell Signaling
Anti-HA	WB - 1:1000	monoclonal	3724	AB_1549585	Cell Signaling
p53	WB - 1:1000	monoclonal	2524	AB_331743	Cell Signaling
Ac-p53	WB - 1:1000	monoclonal	2525	AB_330083	Cell Signaling
SirT1	WB - 1:1000	polyclonal	15404	AB_2188346	Santa Cruz
SirT1	WB - 1:1000	monoclonal	110304	AB_10864359	Abcam
Glrx	WB - 1:1000	monoclonal	11545	n/a	Cayman
HDAC1	WB - 1:1000	monoclonal	34589	AB_2756821	Cell Signaling
Cleaved Caspase-3	WB - 1:1000	polyclonal	9661	AB_2341188	Cell Signaling
HA-Tag magnetic beads	n/a	monoclonal	11846S		Cell Signaling
Streptavidin magnetic Beads	n/a	n/a	S1420S		New England BioLabs

Table 2

Mutation Position	Sequence
C152S forward	5'-CAGCAATGCCTCCTCCACCACCAACTGCT-3'
C152S reverse	5'-AGCAGTTGGTGGTGGAGGAGGCATTGCTG-3'
C156S forward	5'-CTGCACCACCAACTCCTTAGCACCCCTGG-3
C156S reverse	5'-CCAGGGGTGCTAAGGAGTTGGTGGTGCAG-3'
C152S & C156S forward	5'-GCAATGCCTCCTCCACCACCAACTCCTTAGCACCC-3'
C152S & C156S reverse	5'-GGTGCTAAGGAGTTGGTGGTGGAGGAGGCATTG-3'
C247S forward	5'-AGTGGTGGACCTGACCTCCCGTCTAGAAAAAC-3'
C247S reverse	5'-GTTTTTCTAGACGGGAGGTCAGGTCCACCACT-3'