Graphical abstract

Adriamycin
1μM

MCF7 cells

TUBE

GST

Glycine pH:

kDa 175
83
62
47.5
32.5
16

SYPRO
α-UBI
α-UBI
SYPRO

HPLC
MS/MS

TUBES total vs GST total

Ubiquitylated
proteins

96.3% 3.1% 0.6%

Ubiquitin-interacting
proteins

Biomarkers and targets
for drug development