

Supplementary Table S1. Observed ratios at varying nitroprotein content for differential N-dimethyl labeling after 1:1 split followed by enrichment of nitrated ubiquitin from human plasma^a

Concentration of nitrated ubiquitin (pmol/mL)	Ratio (Experimental)
18	1.24
59	0.87
196	0.88
647	1.11
Average Ratio^b	1.03±0.09

^a Light:heavy ratio of [#]TLSDY^{\$}NIQK from nitrated ubiquitin given as averages of duplicate measurements ([#] denotes N-dimethyl label, ^{\$} denotes 4-formylbenzoyl tag).

^b Average ratio was calculated from experimental ratios of enriched nitrated ubiquitin spiked into human plasma proteins at four different concentrations.