



Supplementary Figure S1. Selected regions of the 600 MHz 1H - ^{15}N HSQC spectra showing the interaction of the parkin Ubld with ^{15}N -labelled (A-C) $S5a^{196-309}$ or (D-F) $S5a^{196-309}(UIMII-5A)$. In both figures the $S5a^{196-309}$ or $S5a^{196-309}(UIMII-5A)$ is shown in the absence of parkin Ubld (black contours) and in the presence of 2 equivalents of parkin Ubld (red contours). The spectra were collected using 500 μ M $S5a$ protein in 10 mM KH_2PO_4 , 1 mM EDTA, 1 mM DTT, 150 mM NaCl, pH 7 at 25 $^\circ$ C. The spectrum of $S5a^{196-309}$ was assigned according to triple resonance experiments and published work (44). The spectrum of $S5a^{196-309}(UIMII-5A)$ was assigned by triple-resonance NMR methods. Spectra are presented at different contour levels to account for line broadening in the $S5a$ proteins upon Ubld addition.