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Supplemental Information

Recruitment of Ubiquitin within an E2 Chain Elongation Complex

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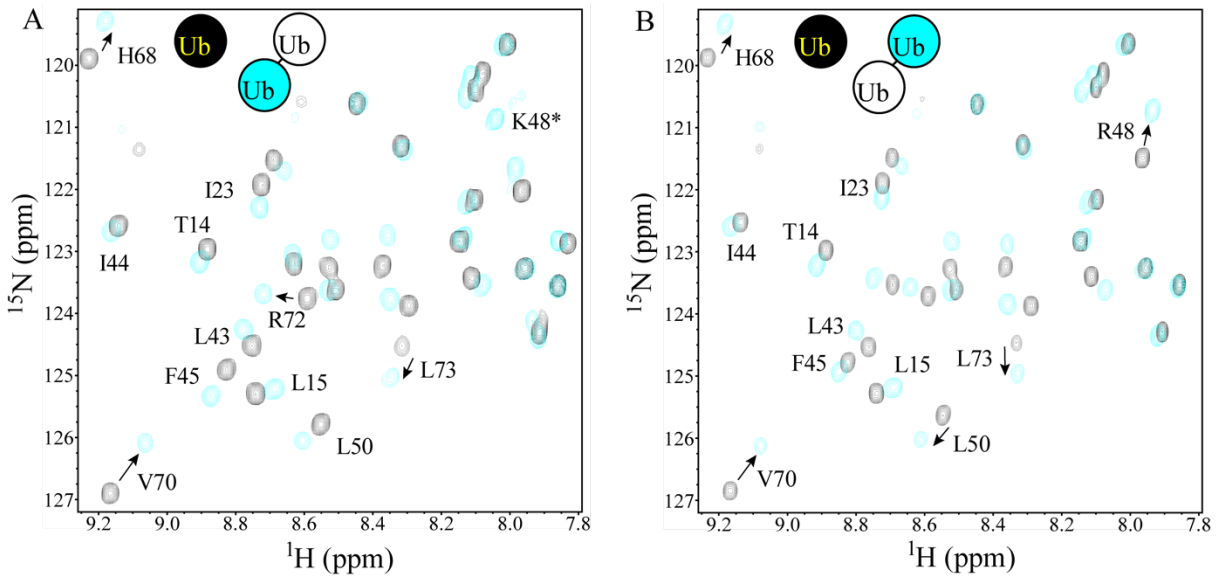

FIGURE S1. Region of ^{1}H-^{15}N HSQC of ^{15}N-labeled Ub alone (black) and in Ub^{G76C}-Ub^{K48R} di-ubiquitin (cyan). In (A) the comparison of ^{15}N-labeled Ub^{G76C} is made with the proximal Ub^{G76C} in Ub^{G76C}-Ub^{K48R}. In (B) the comparison of ^{15}N-labeled Ub^{K48R} is made with the distal Ub^{K48R} in Ub^{G76C}-Ub^{K48R}. Signals that undergo chemical shift changes are labelled by residue and shift directions are indicated with arrows. K48* represents the position of the side chain amide for K48 in Ub^{G76C} that is linked to G76 of the distal Ub^{K48R}.