

Table S1. Mass spectrometric characterization of YfdE and UctC.

Sample	Observed (Da)	Expected ^a (Da)
H6YfdE	43,702	43,703
YfdEH6	42,822	42,823 ^b
	43,569	43,571 ^{b,c}
UctC	41,708	41,709 ^d
UctC-D177A	41,664	41,665 ^d

^a Computed assuming that Met1 is removed, except as noted.

^b Retains Met1.

^c Aspartyl-CoA thioester adduct.

^d Thr2→Ala mutant.