



Supplementary Figure 1. PreproCPY translocates slowly in *sec61-3* mutant cells. MWY63 (*sec61-3*) cells containing pMW346 (preproCPY) were grown at 30°C to an OD_{600nm} of 0.2 then shifted to 17°C for 2 hours prior to labelling with 10 μ Ci of ³⁵S Methionine Cysteine mix / OD_{600nm} for 20 minutes. These pulse-labelled cells were then chased following the addition of 2mM each of Methionine and Cysteine plus 10 μ g/ml cycloheximide. Cell extracts were prepared after either 0, 20, 40, 60, 90 or 120 minutes of chase (as indicated) and immunoprecipitated CPY analysed by SDS-PAGE as described in materials and methods. As a control, wildtype cells expressing native CPY were labelled following 30 minutes pretreatment with Tunicamycin in order to accumulate unglycosylated proCPY as a migration control .