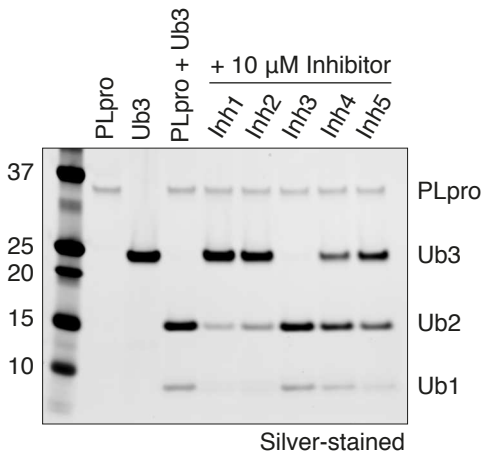
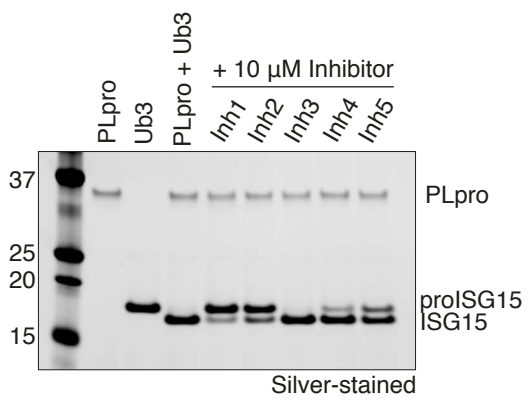
Legend:
Inh1 - beta-Lapachone
Inh2 - Dihydrotanshinone
Inh3 - Shikonin
Inh4 - Ro 08-2750
Inh5 - GRL0617

2nd set: modified Crick conditions (10 µM inhibitors)
Buffer: 50 mM HEPES-KOH, pH7.6, 2 mM DTT, 10% Glycerol, 0.02% Tween-20;
20 µl reaction
1 µM substrate
50 nM Nsp3
Drugs to test: beta-Lapachone, dihydrotanshinone, shikonin, GRL0617 and Ro 08-2750
Pre-incubate drug with enzyme for 10 minutes at RT, before adding to rest of reaction
Final concentration of drugs should be 10 µM
Incubate reaction at 25°C for 1 hour