



Fig. S1 Alves-Silva et al

**Figure S1.** Examples of nocodazole-treated fibroblasts

**A-C)** Examples of fibroblasts transfected with GFP-tagged carboxy-terminal constructs of Shot (Fig. 6J), treated with 10 $\mu$ M nocodazole for 3 hrs, then fixed and stained for GFP and anti-tubulin, as indicated. Ctail::GFP fails to protect microtubules (A), whereas GRD::GFP and GRD-Ctail::GFP display sustained MT networks (arrows in B and C). Note that GRD and Ctail (but not GRD-Ctail) dissociate from MTs upon fixation (compare Fig. 4), further indicating their weak tendency to associate with MTs **D)** Quantification of nocodazole resistance conveyed by Shot constructs (illustrated in Figs. 1A, 6J). Statistics were performed using Chi-square test (Chi-square for all samples = 611.342 with 13 degrees of freedom, P = <0.001; \*\*\* indicates P $\leq$ 0.001). Scale bar in A represents 10 $\mu$ m in all images.