

**SI Figure S2.** Comparison of cellular effects induced by Eg5/KSP and CENP-E inhibitors after 15h of treatment. In a triple-negative cell line (HCC1806), fluorescent microscopy was used to analyze effects on the microtubule architecture. (a) vehicle-treatment (0.1% DMSO); (b) treatment with 100 nM of PF-2771 and (c) treatment with 100 nM Eg5/KSP inhibitor ispinesib (1). Cells were imaged by immunofluorescence microscopy (green represents microtubules imaged with an alpha tubulin-Alexa 488 antibody); blue image corresponds to DAPI-stained chromosomes. Inhibition by a KSP inhibitor but not PF-2771 causes a profound effect on the microtubule architecture.

