

**Figure S4.** XTT assay revealed lack of significant proliferation effect on day 5 in ES-2 and OVCA420 cells stably transfected with ER $\beta$ 5 as compared to control cells, whereas FAK inh 14 could inhibit OVCA420 basal cell proliferation on day 5. ns, not significant; \*\*,  $P < 0.005$ .

