**Figure S10.** Percentage of M38K$^{\text{Opto-mFGFR1}}$ cells in S-phase in response to blue light. Cells were stimulated with blue light for 1 h. Cell cycle was analysed after 24 h by flow cytometry. Light intensity was ~2.5 µW/mm$^2$. Mean values ± SEM for two independent experiments each performed in triplicates are shown.