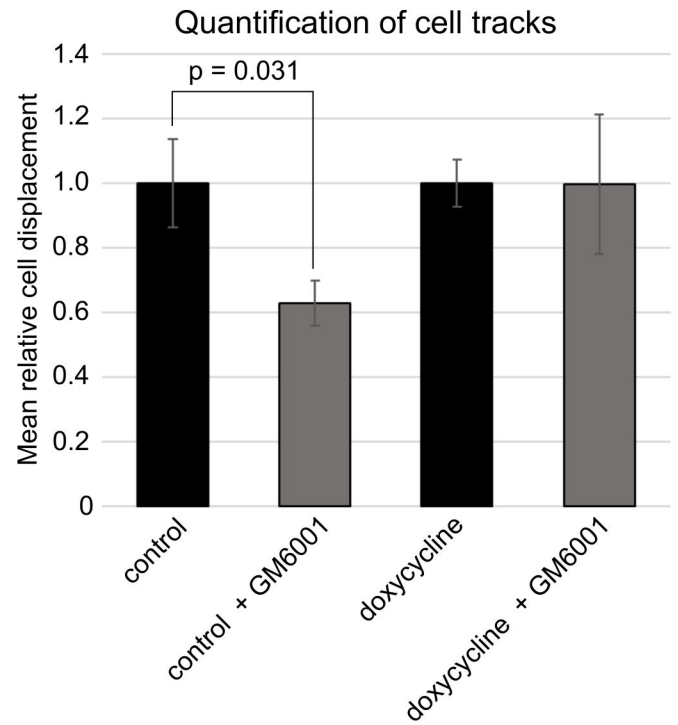
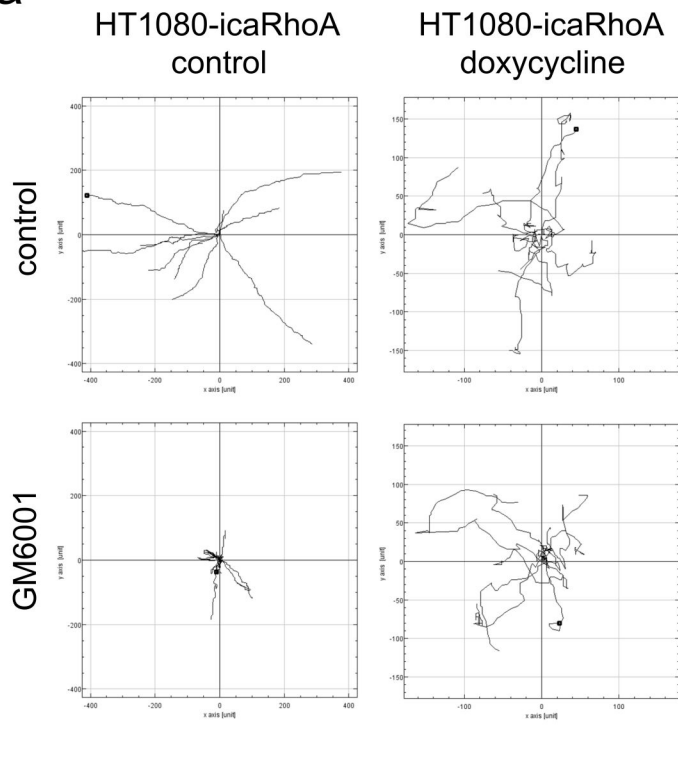
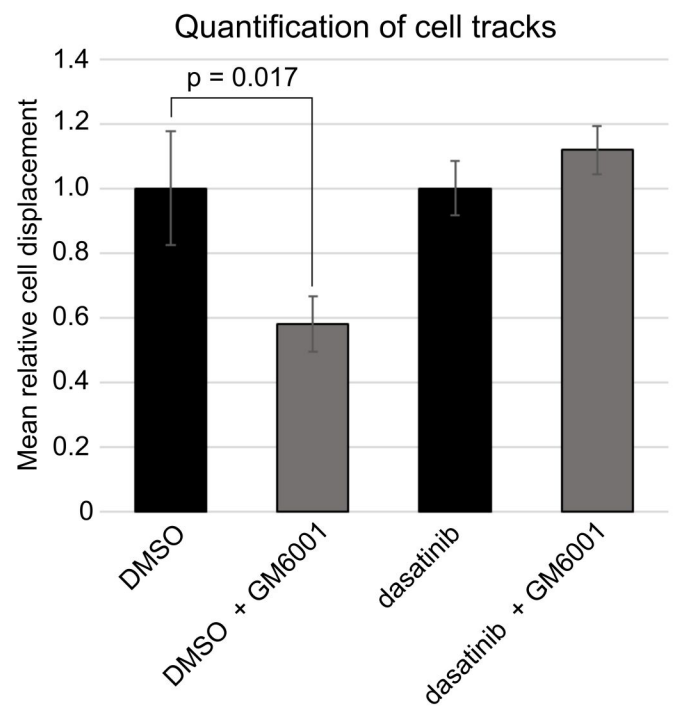
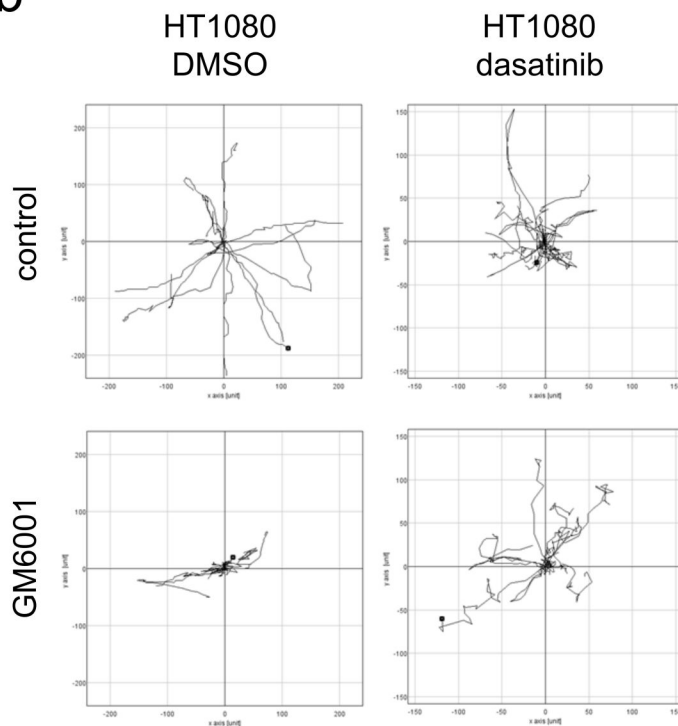


a



b



Quantitative analysis of cell migration. HT1080-icaRhoA cells (a) and HT1080 cells (b) were embedded in rat-tail collagen (1mg/ml) with or without GM6001. 12 hours later, migration of cells of the mesenchymal phenotype (HT1080-icaRhoA control, HT1080 DMSO) and amoeboid phenotype (HT1080-icaRhoA doxycycline, HT1080 dasatinib) was monitored by wide-field microscopy for 15 hours. Three independent experiments were evaluated. Track plots were generated using Chemotaxis Tool in ImageJ. For each condition, one representative track plot is shown. Relative differences in the mean length of the tracks were analyzed with two-way ANOVA (replicate + treatment group). Statistically significant differences are marked with the respective p-values.