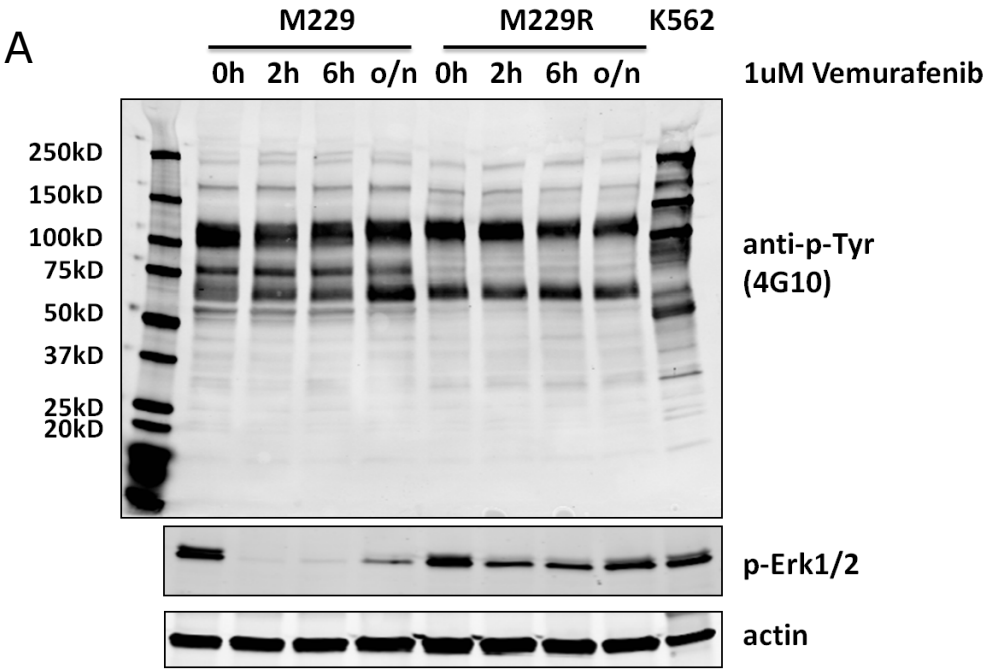
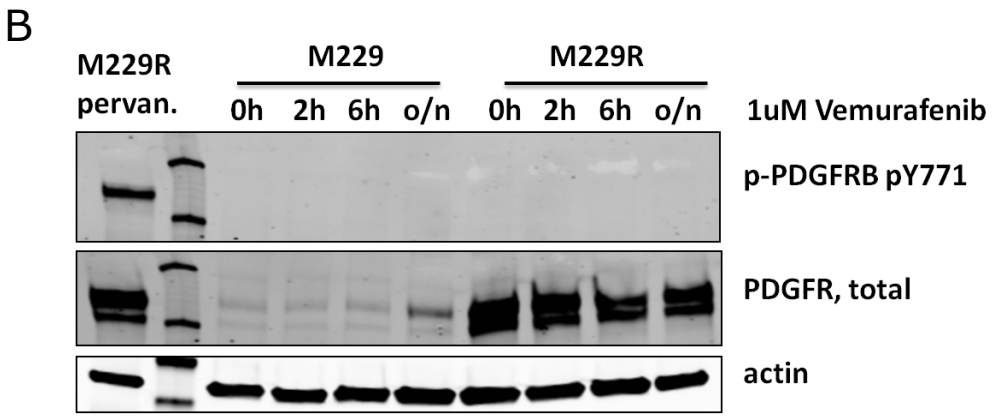
Titz et al. Supplementary Figure S2





Western blots of phospho-Tyr signaling in M229 parental/resistant cells. (A) Parental M229 and resistant M229R5 (PDGFRB-/RTK-resistance mechanism) cells were treated with 1uM vemurafenib for 0h, 2h, 6h, and overnight (o/n) and their global phospho-Tyr signaling (4G10 antibody) and Erk phosphorylation was compared with the BCR-ABL+ cell line K562 as a control. Note that no sign of increased (global) phospho-Tyr signaling is visible in M229R cells. (B) Same experiment as in (A), but with pervanadate treated M229R cells as the control and probing for total and phospho-PDGFRB (Y771). Note the high up-regulation of total PDGFRB expression in M229R, but no sign of increased PDGFRB phosphorylation in M229R cells compared to the pervanadate treated control.