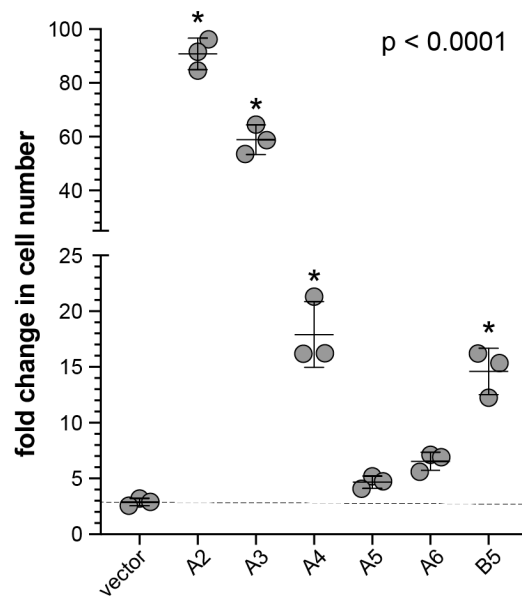
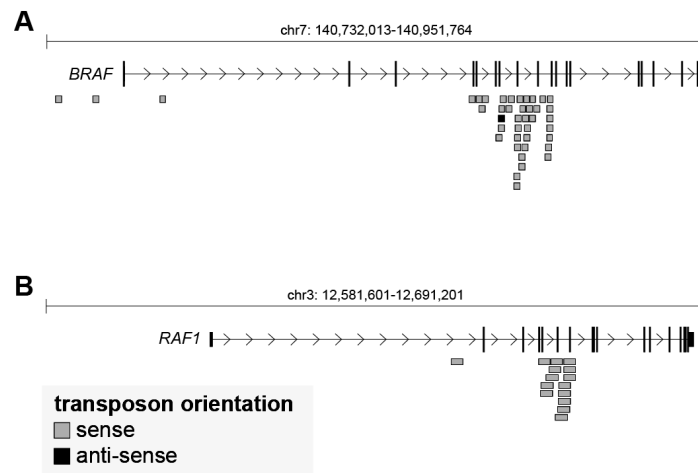




**Figure S1.** Evaluation of expanded colonies for vemurafenib resistance. Six of the eight colonies were expanded and grown in a 96-well format in the presence of 5  $\mu$ M vemurafenib. Cell number was indirectly measured using a CellTiter-Blue assay at day 0 and day 10. The fold change in signal is shown for each colony tested. An ANOVA test with a post-hoc analysis was performed to compare each colony to A375 cells carrying an empty expression vector. Each colony that is significantly different from the vector reference is indicated with an asterisk.



**Figure S2.** Position of transposon insertions that generate N-terminal truncations of either *BRAF* (**A**) or *RAF1* (**B**) in vemurafenib-resistant A375 melanoma cells.

