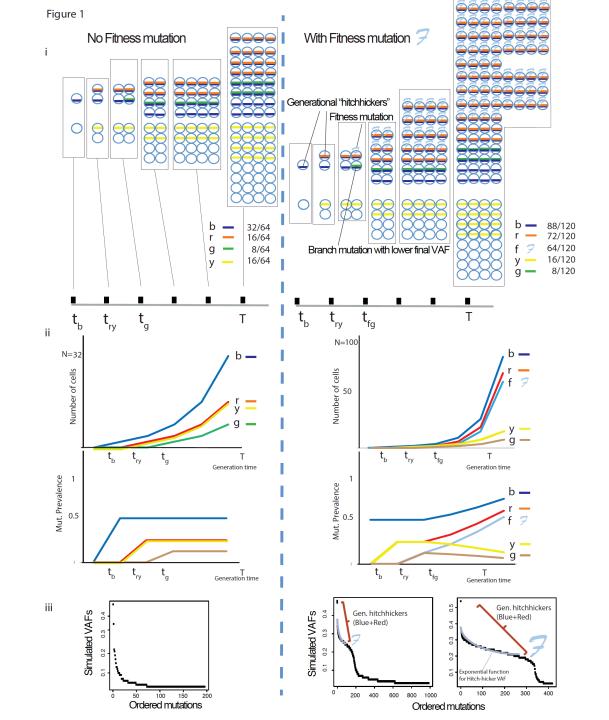
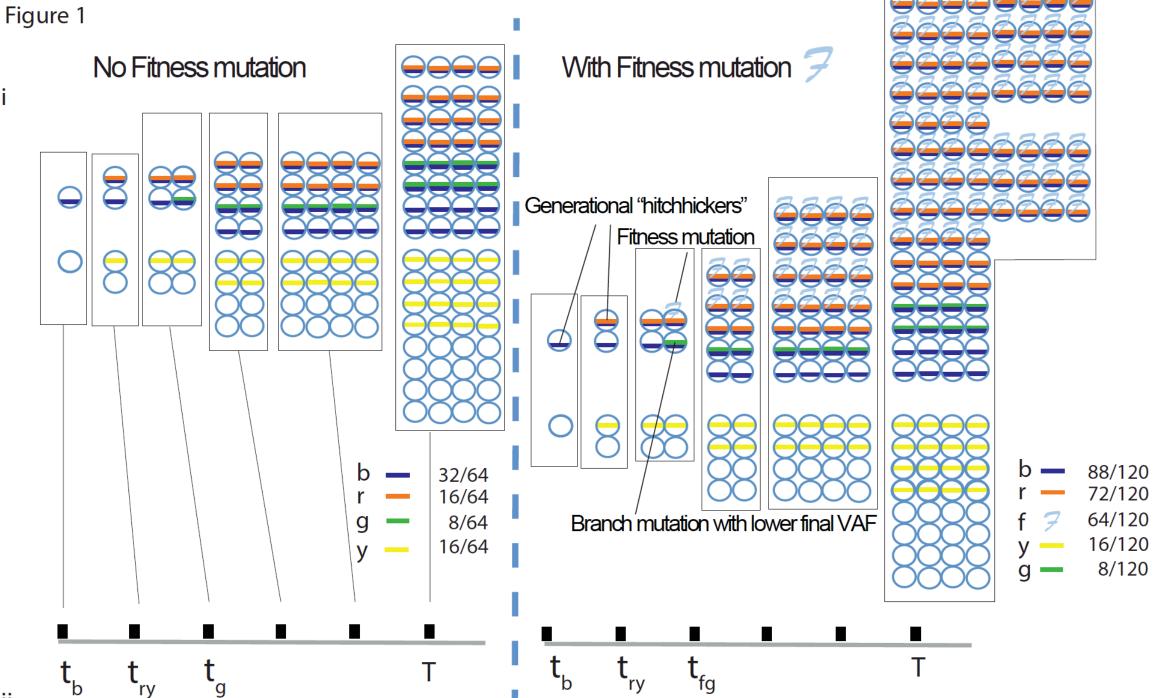
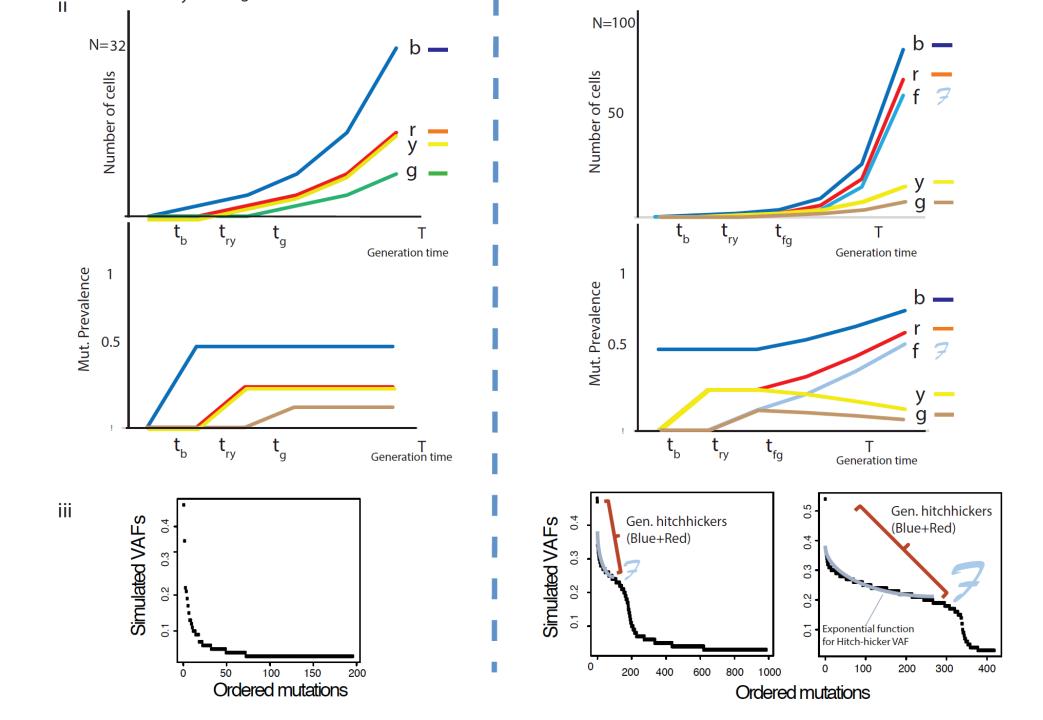
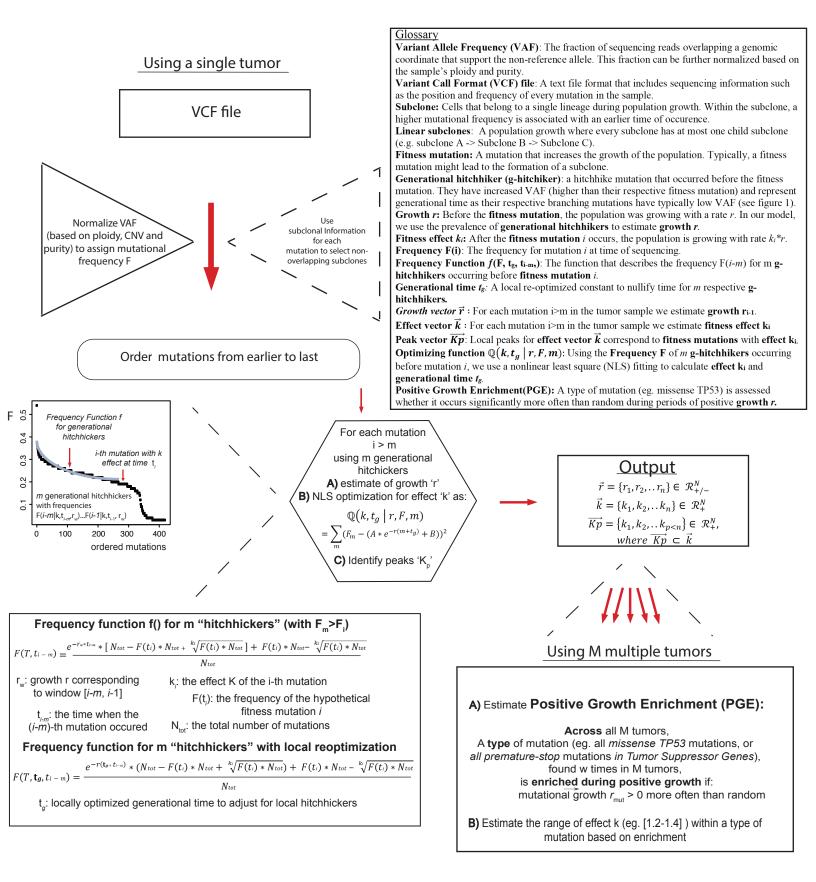
A framework for detecting driver candidates and periods of positive growth during tumor progression



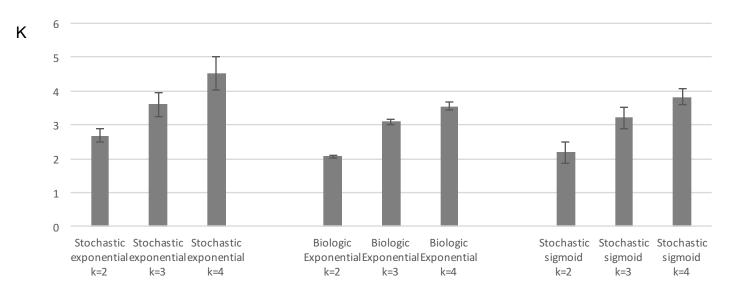






## Figure 2

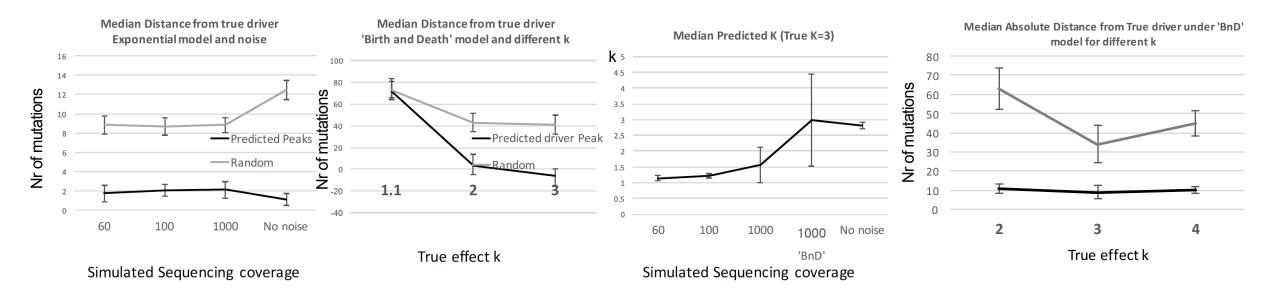
Median Predicted values for different Ks under different growth models

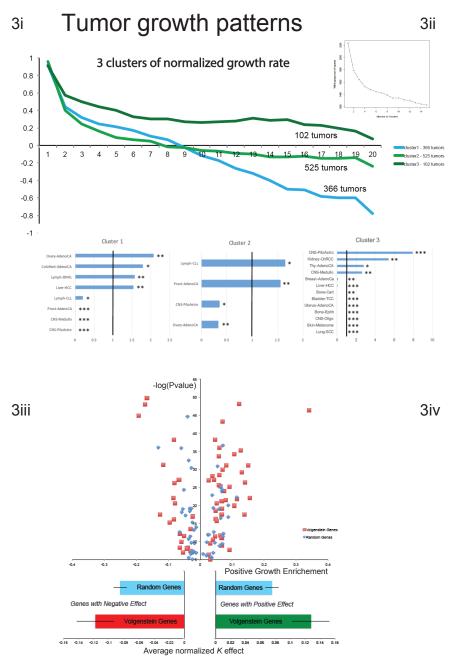


Simulations

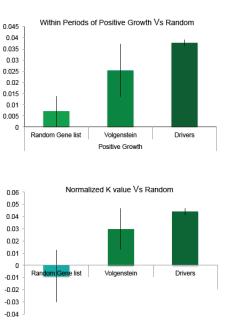


Driver Prediction Under Exponential and 'BnD' Model With Noise (coverage)





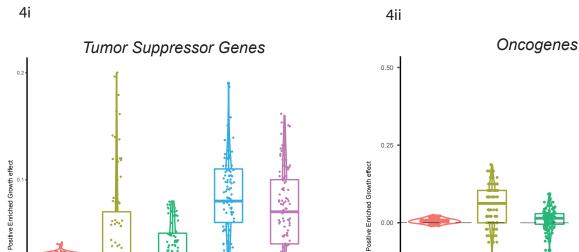
Positive and negative growth enrichment for Volgenstein genes vs similarly mutated random genes

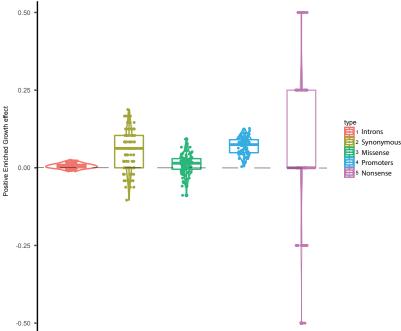


Pcawg Drivers and Volgenstein gene (VG) mutations appear enriched during periods of positive growth



Gene Ontology enrichment analysis for the 150 most selected genes





Introns Synonymous Missense Promoters Nonsense

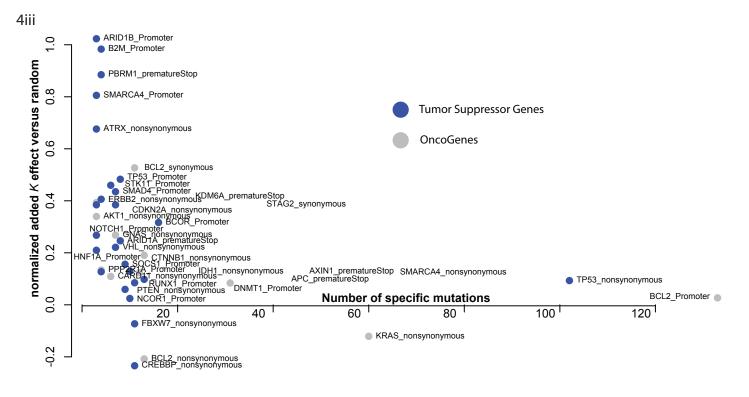
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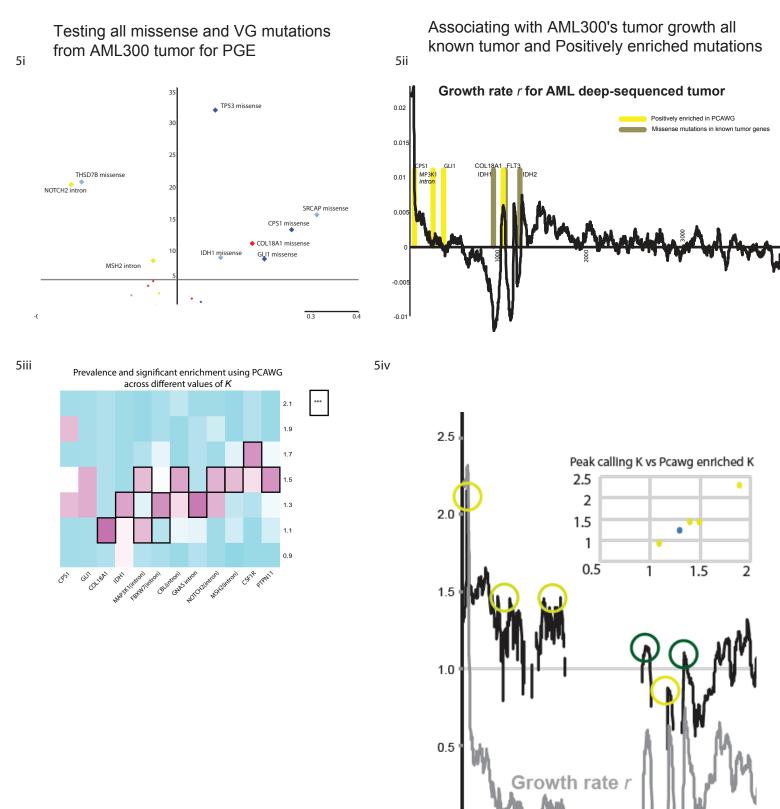
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Introns Synonymous Missense Promoters Nonsense



Enrichment for all significant VG mutations (categories)

## Figure 5



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K-effect peaks for AML deep-sequenced tumor