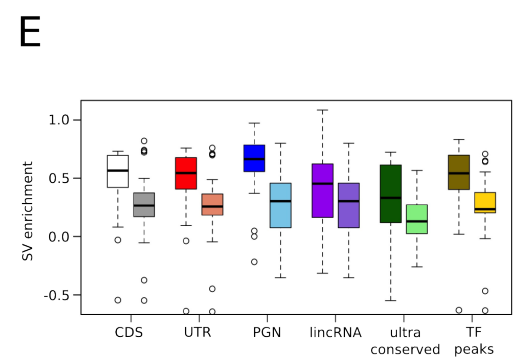
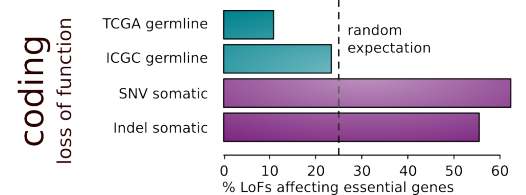
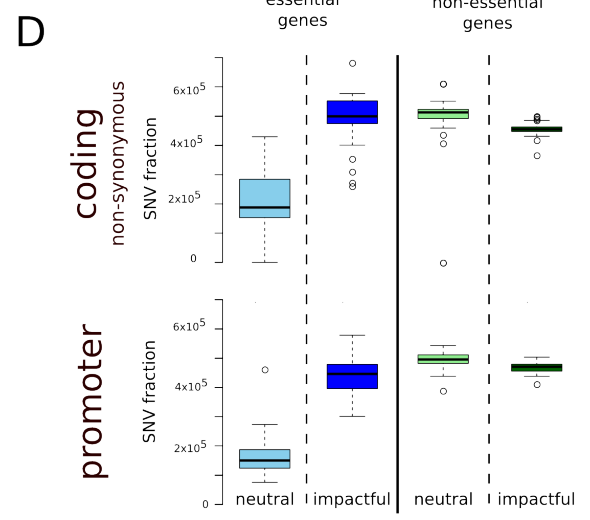
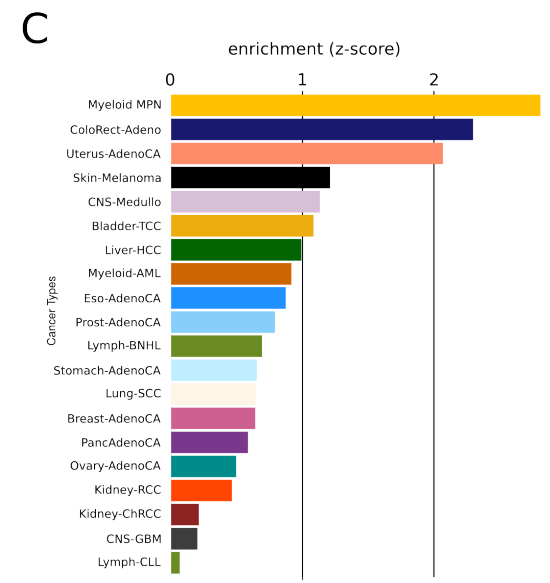
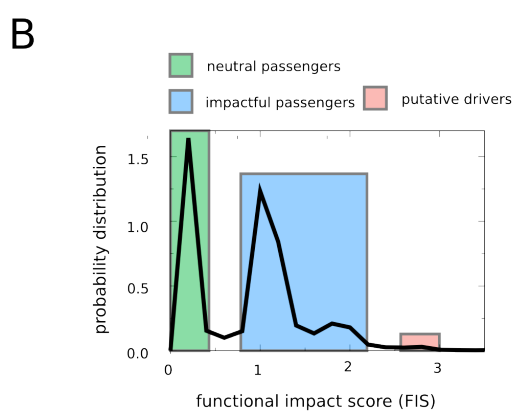
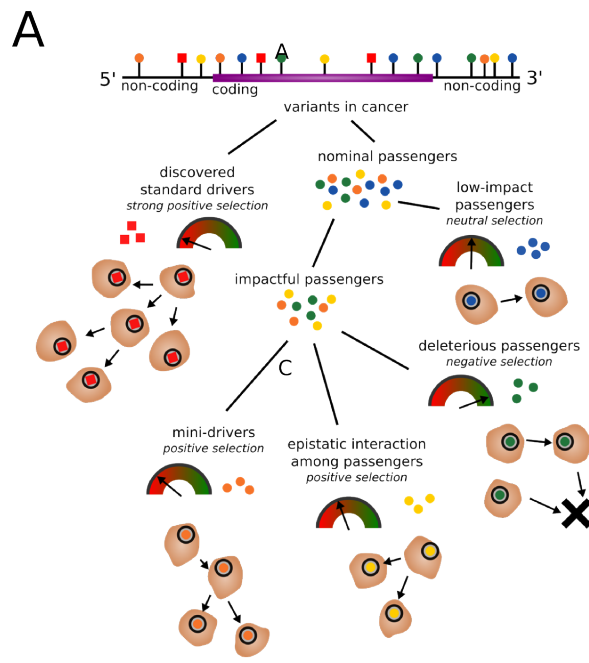
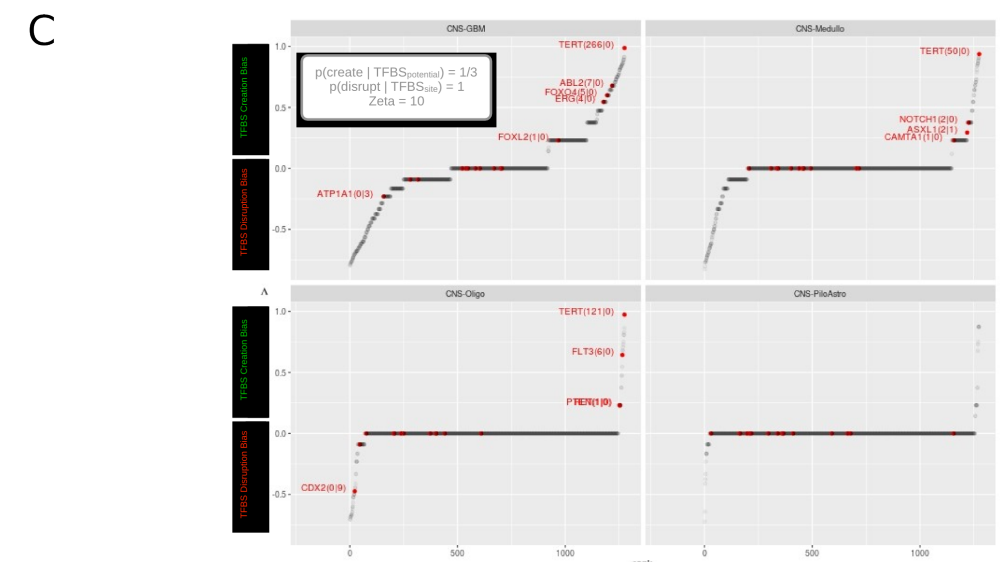
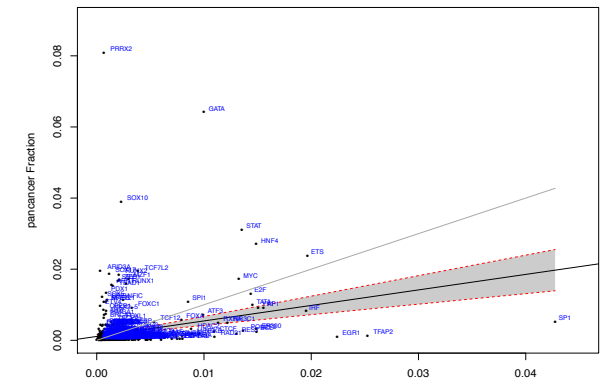
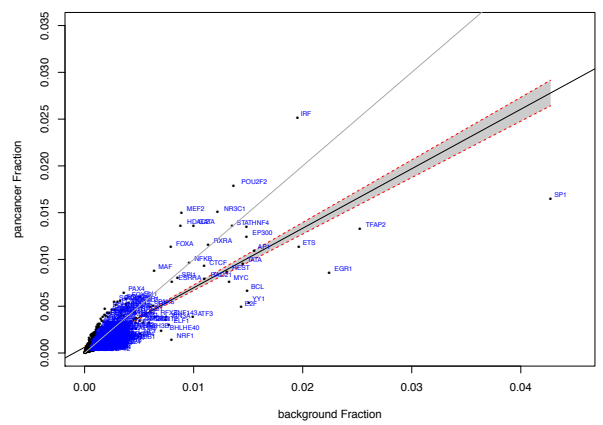
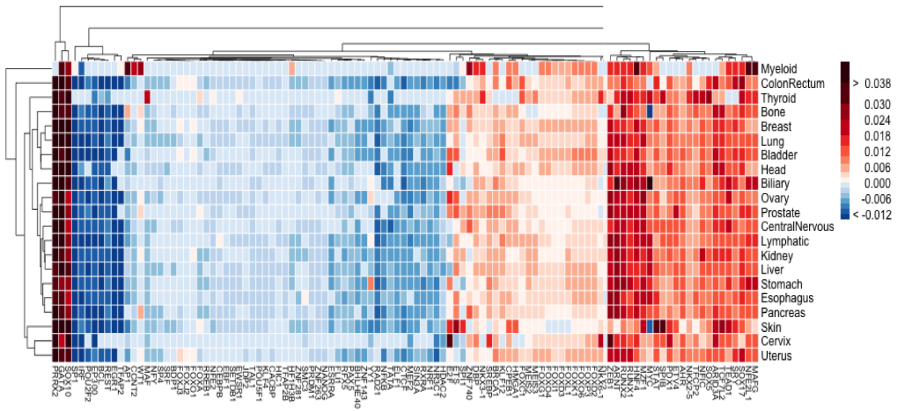
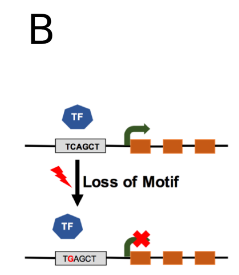
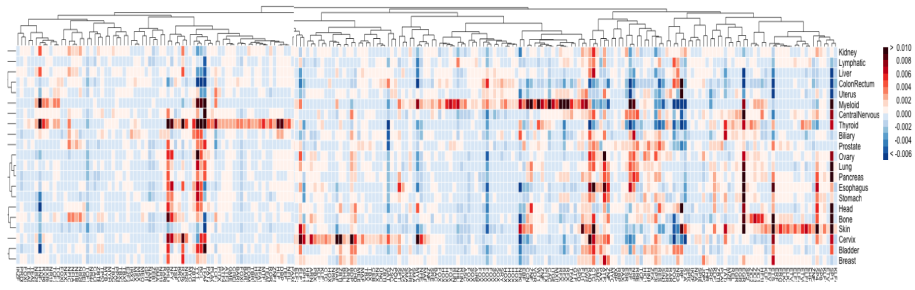
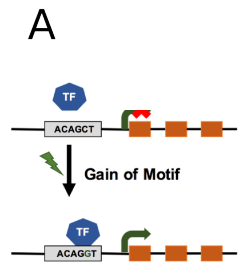
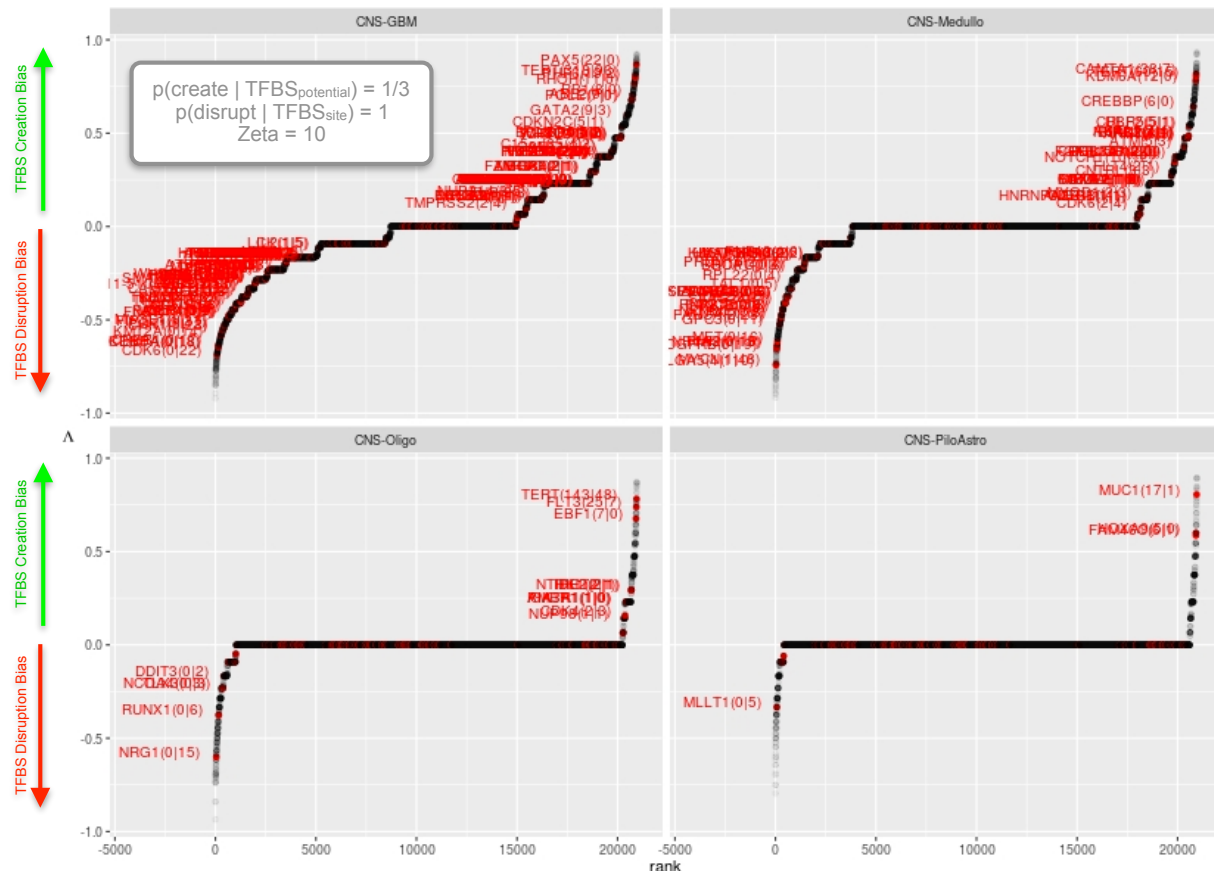


Figure pack

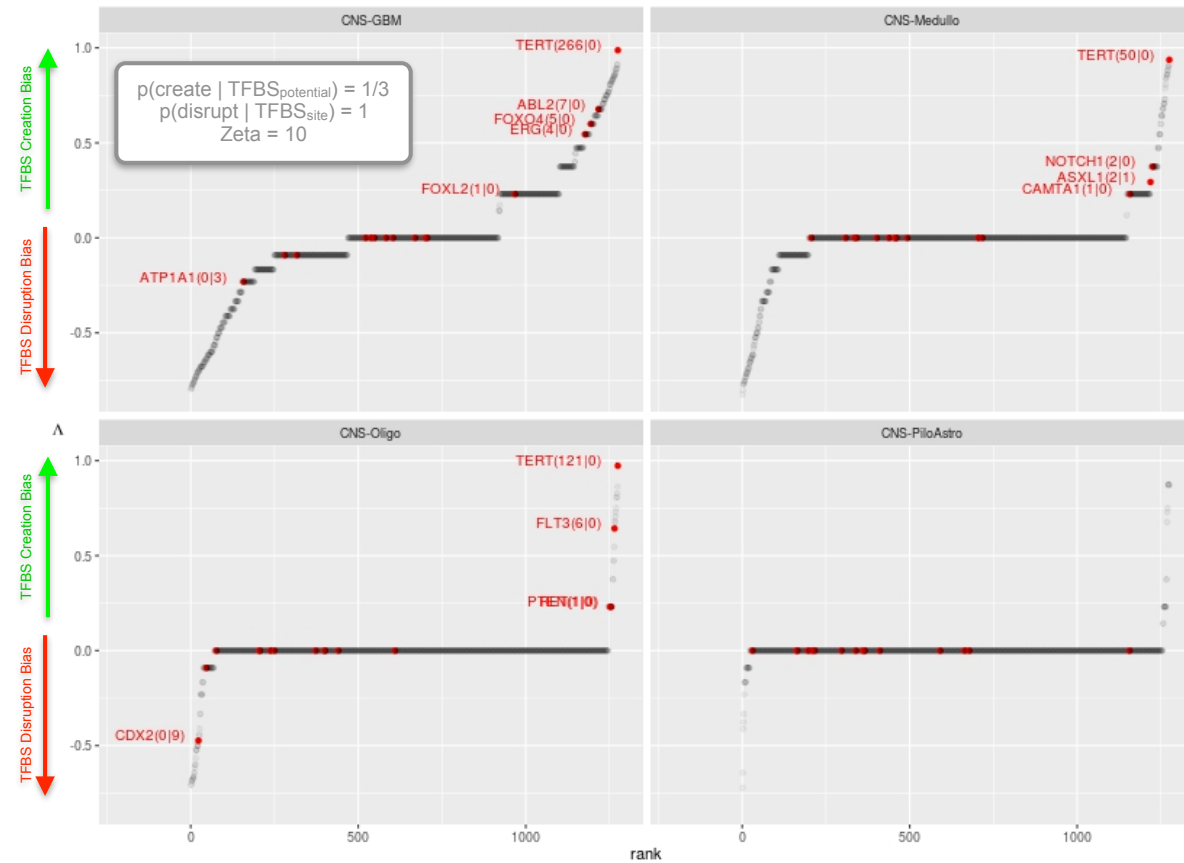
1/22/2017





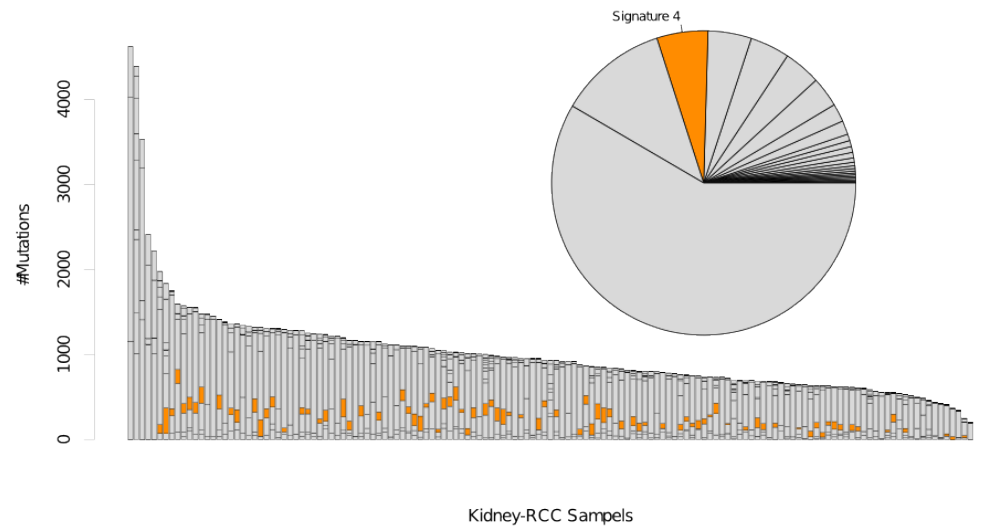


Gene-centric alteration bias for any TF

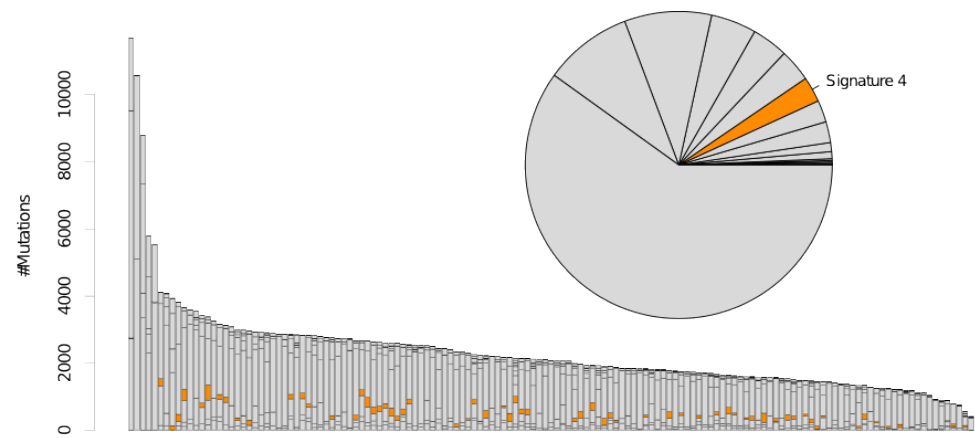


Gene-centric alteration bias for specific TF (ETS)

A

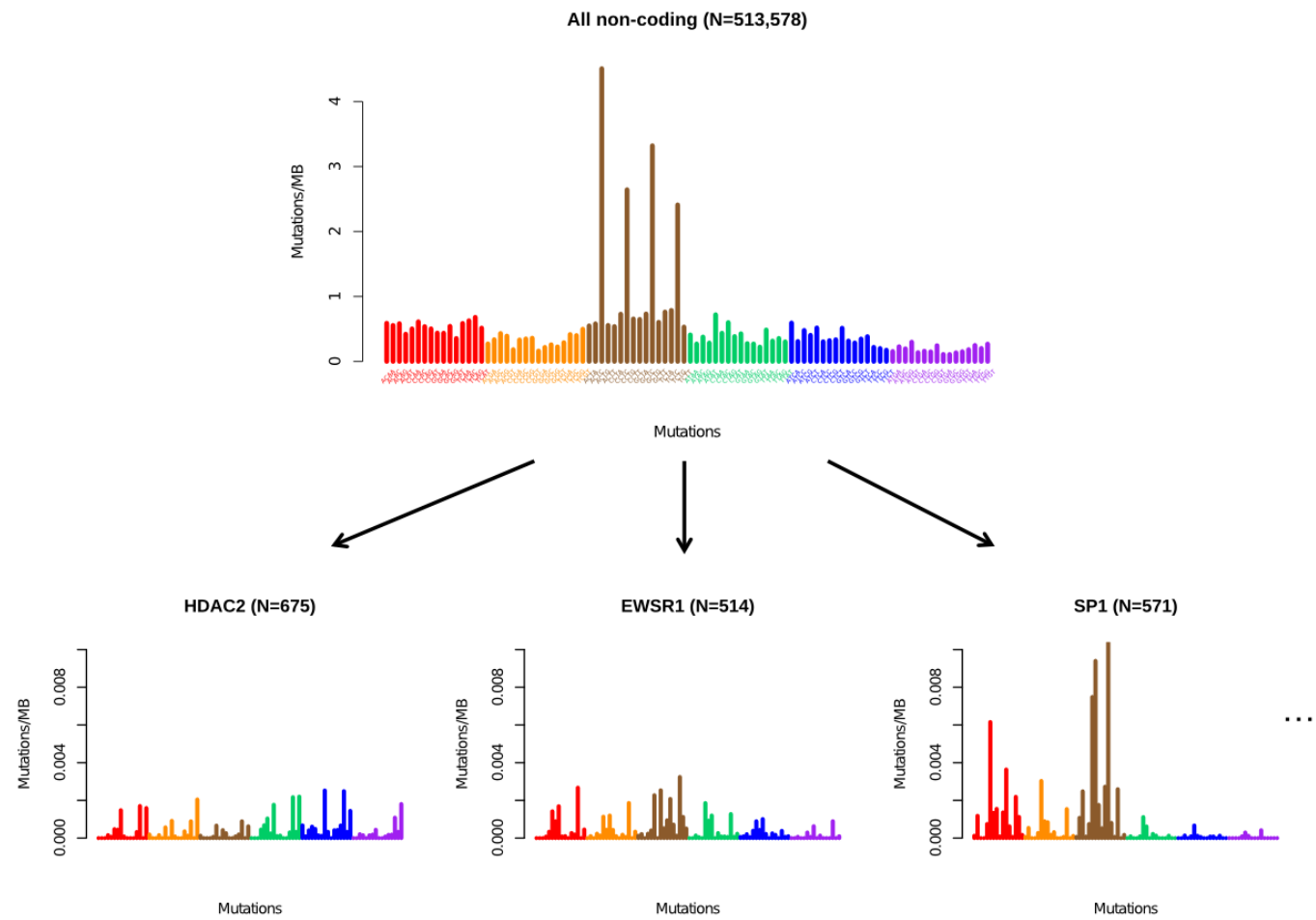


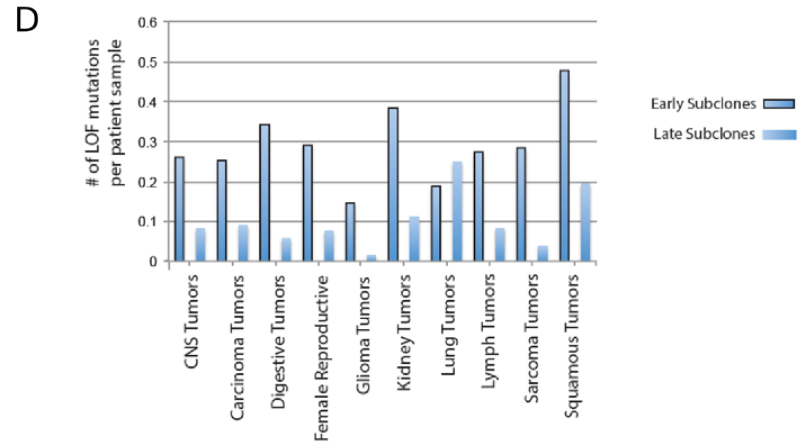
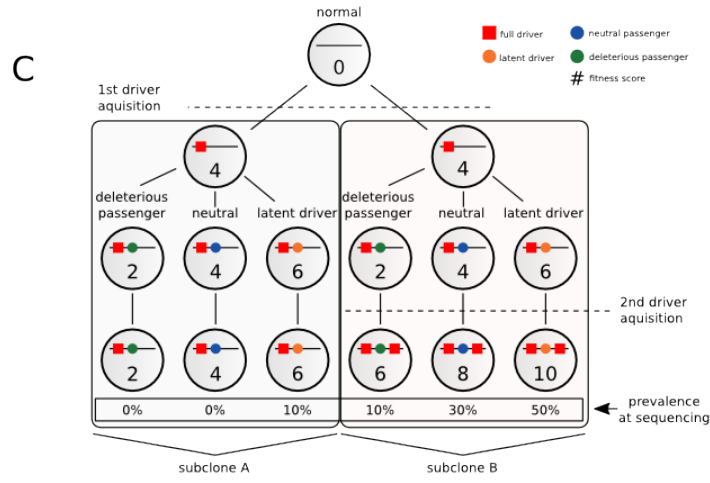
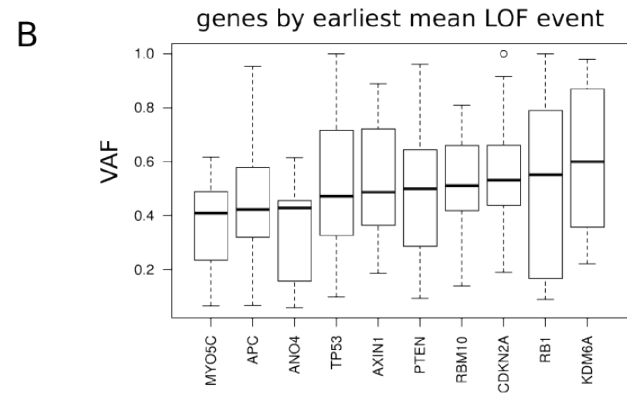
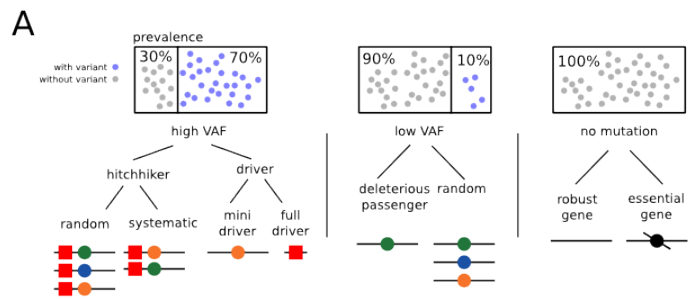
Kidney-RCC Sampels



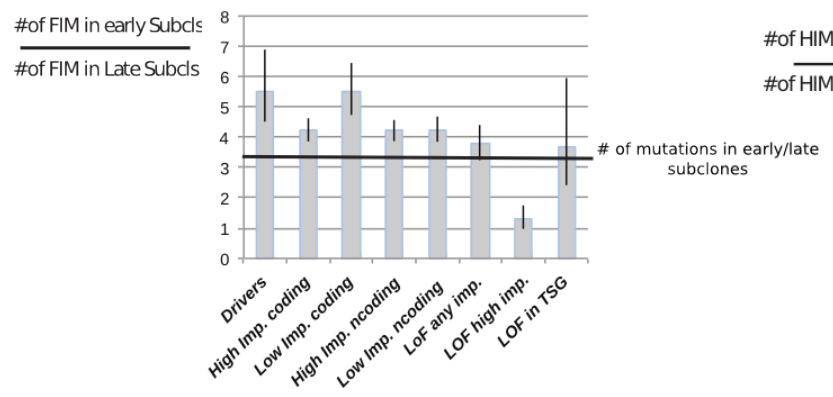
Kidney-RCC Sampels

B

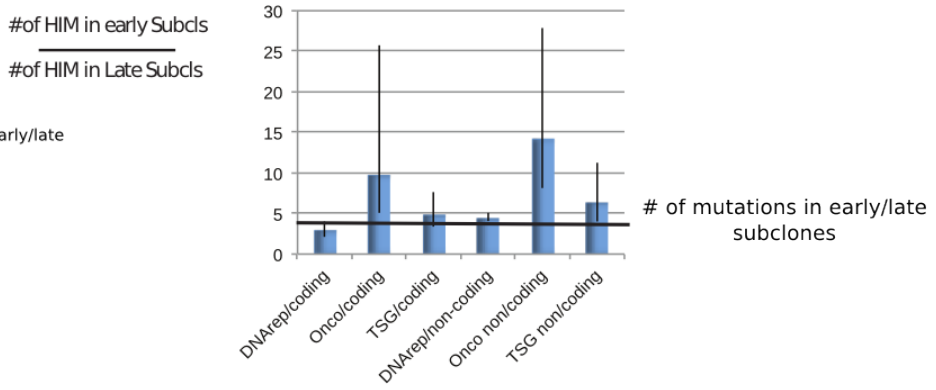


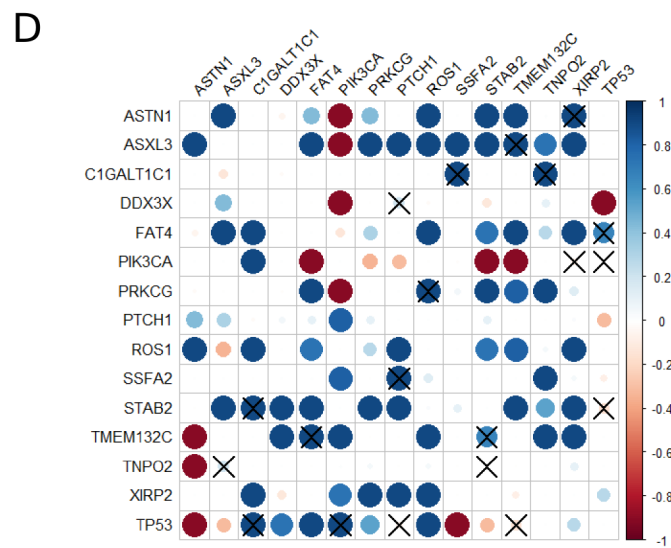
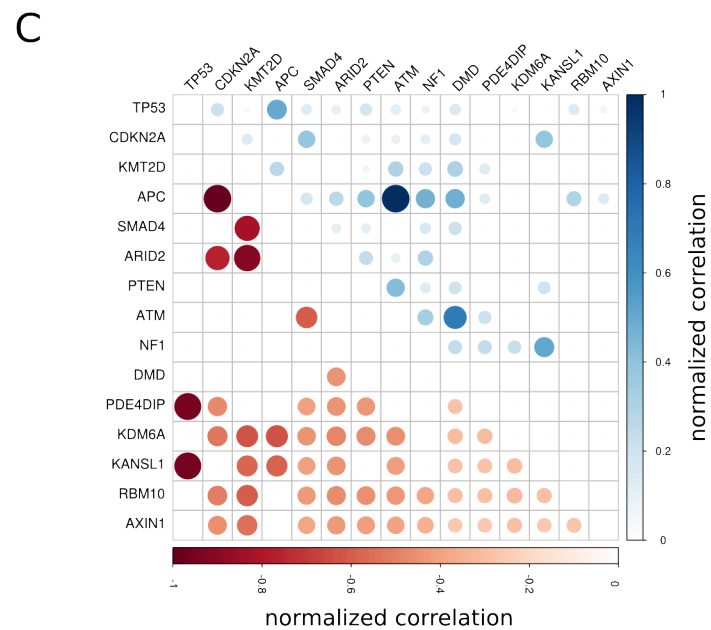
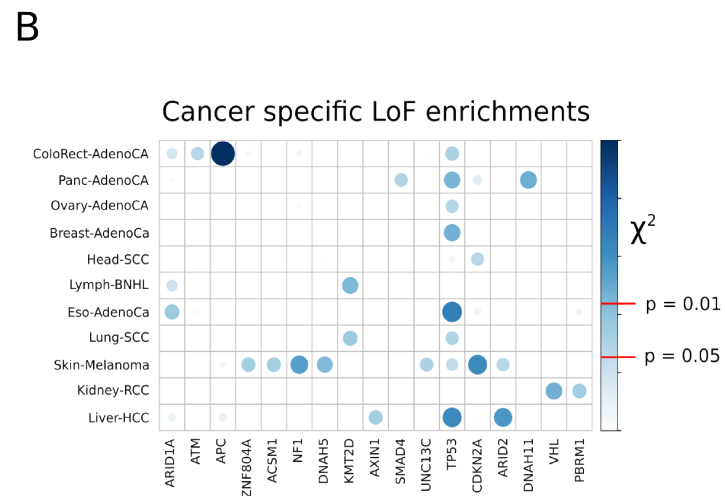
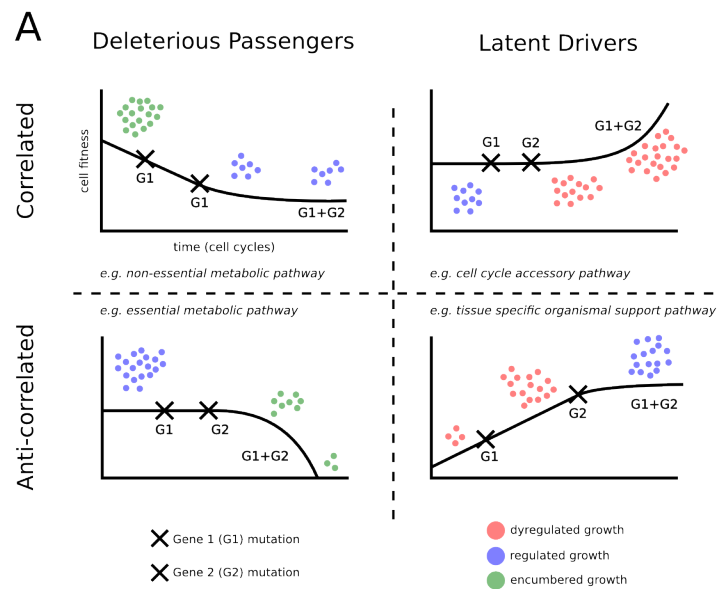


E Enrichment of Functional Impact Mutations (FIM) in Early vs Late Subclones



F Enrichment of HIGH Impact Mutations (HIM) from DNA repair, Oncogenic, Tumor Suppressor gene regions in Early vs Late Subclones

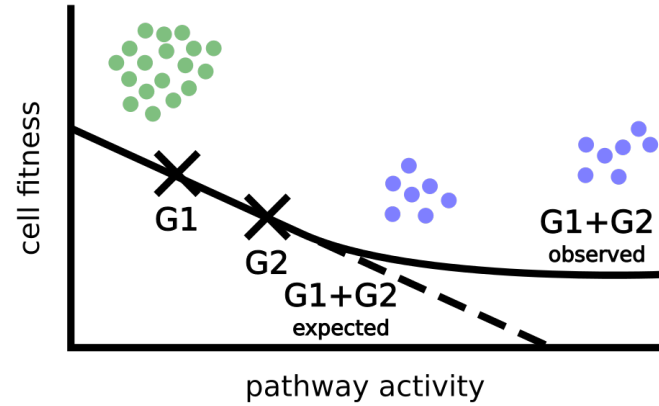




Deleterious Passengers

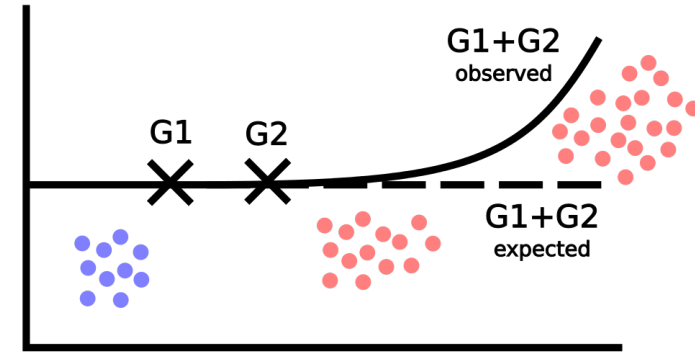
Latent Drivers

Correlated



e.g. non-essential metabolic pathway

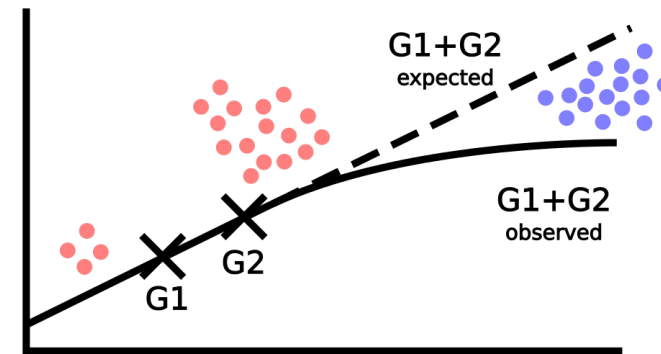
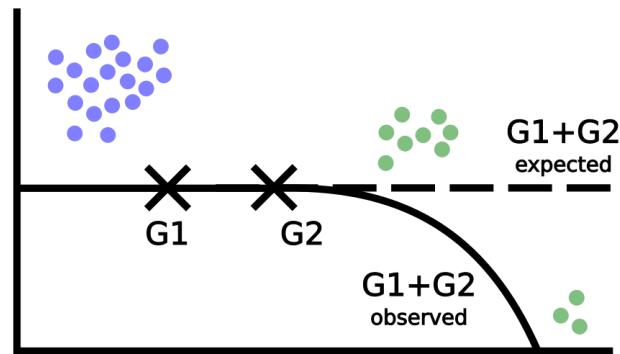
e.g. essential metabolic pathway



e.g. cell cycle accessory pathway

e.g. tissue specific organismal support pathway

Anti-correlated



- X Gene 1 (G1) mutation
- X Gene 2 (G2) mutation
- - - Expected effect
- Observed effect

- dyregulated cellular growth
- regulated cellular growth
- encumbered cellular growth

