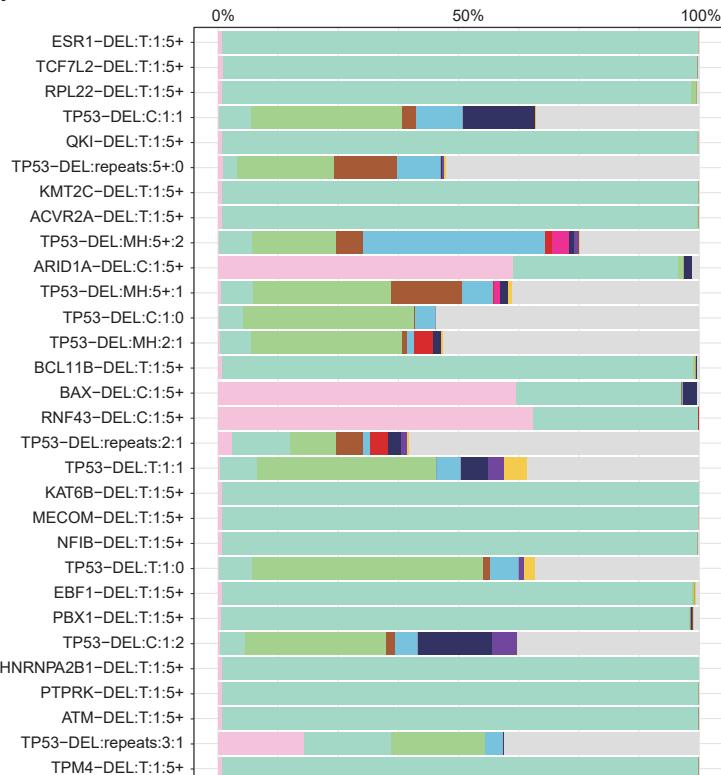
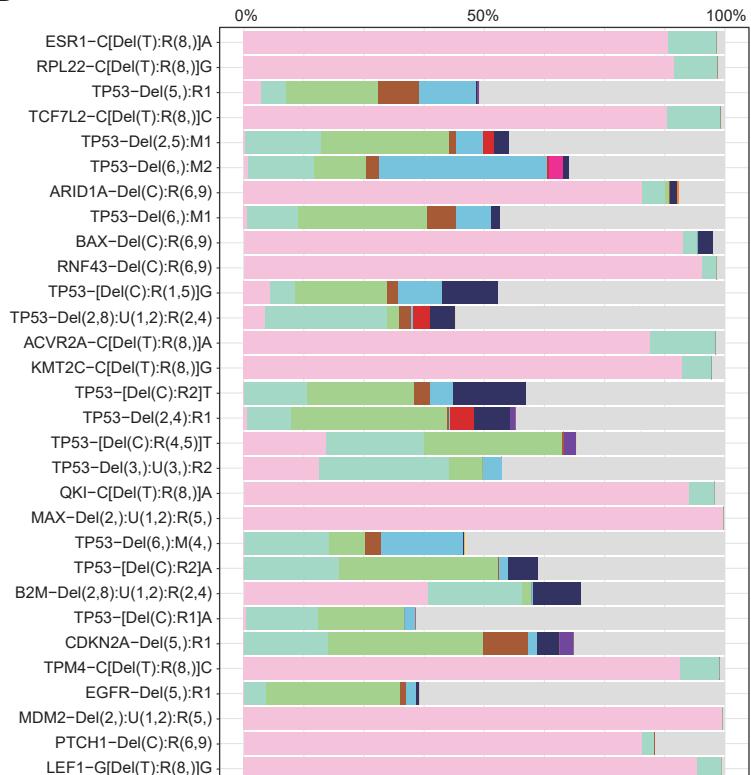


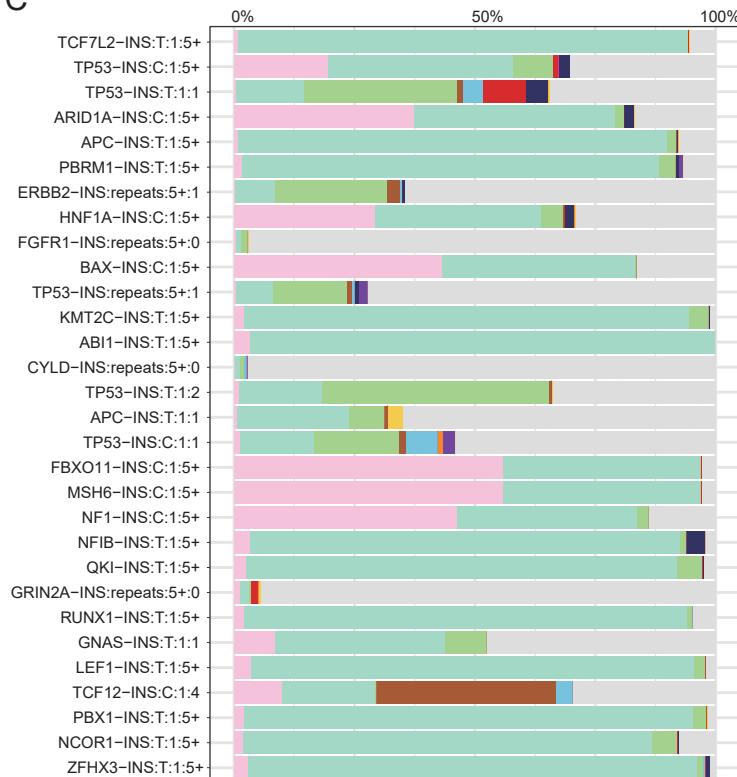
A



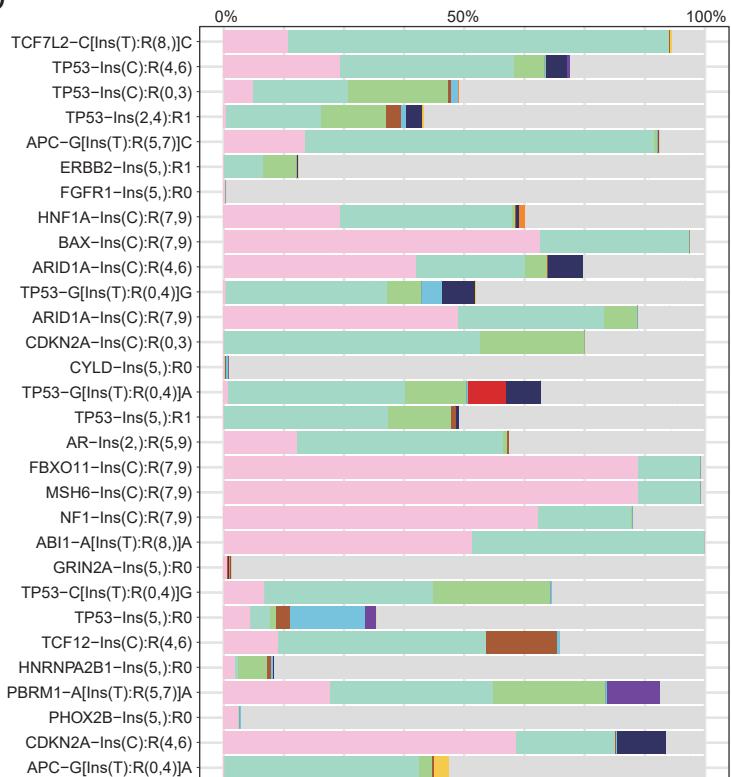
B



C



D



Legend:

- AA exposure
- Colibactin exposure
- Tobacco smoking
- UV exposure
- TOP2A K743N
- TOP1-TAM
- NHEJ DNA repair
- Clock-like
- DNA replication slippage
- dMMR
- dHR
- Unknown