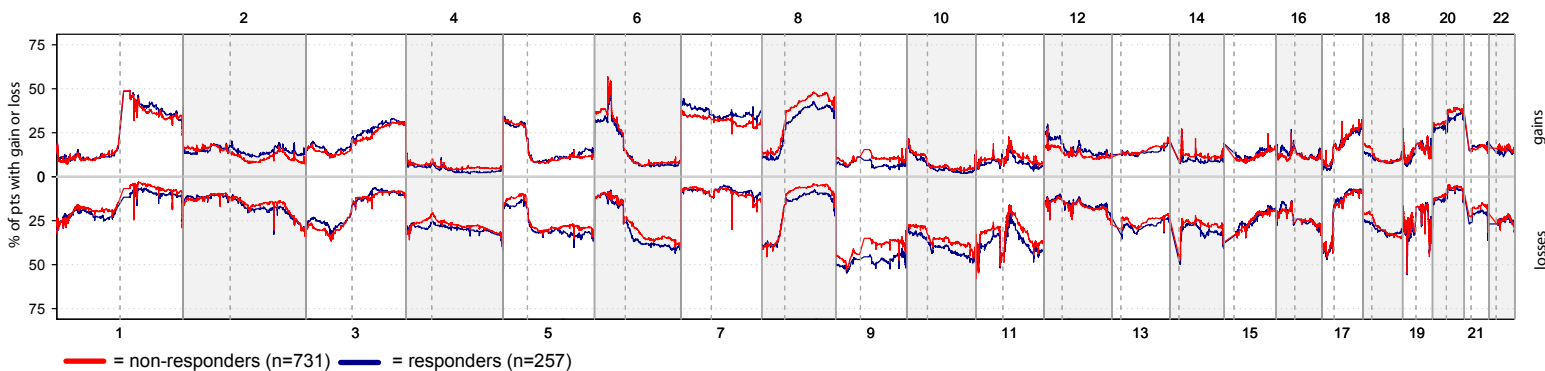


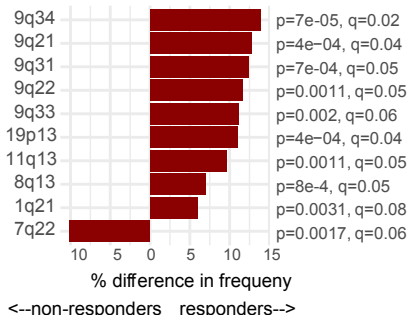
5A

## Pan-cancer genome-wide somatic copy number alteration profile: responders (CR/PR) vs non-responders (SD/PD)

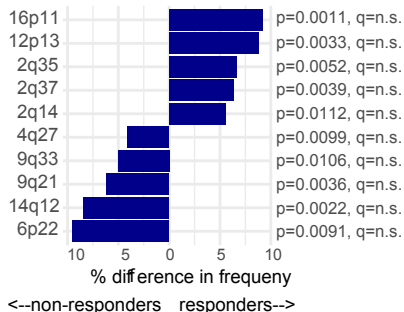


B

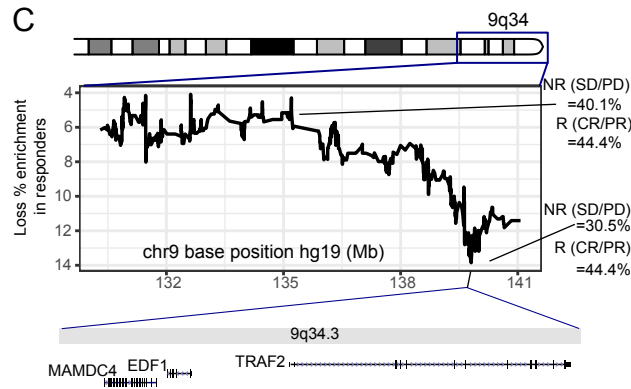
## differentially lost cytobands:



## differentially gained cytobands:

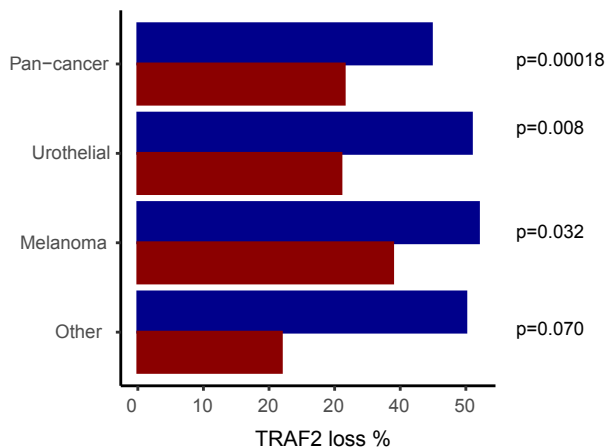


C



D

■ responder ■ non-responder



E

gnomAD/ExAC human germline data (n=125,748)  
pLI>0.9 is strongly haploinsufficient