

Clinical significant regions (level B) UGT1A1 #reg=2 TP53 #reg=6 STK11 #reg=2 PIK3CA #reg=6 **PDGFRA** #reg=1 PALB2 #reg=1 **NRAS** #reg=8 MYD88 #reg=1 MET #reg=28 **KRAS** #reg=12 IDH2 #reg=3 IDH1 #reg=3 HIF1A #reg=1 GNA11 #reg=1 FOXL2 #reg=1 FLT3 #reg=3 ESR1 #reg=9 ERCC2 #reg=1 ERBB3 #reg=4 ERBB2 #reg=5 LOW_COVERAGE **DPYD** #reg=1 DNMT3A #reg=1 MEDIUM_COVERAGE DICER1 #reg=3 HIGH_COVERAGE CTNNB1 #reg=6 BTK #reg=1 **BRAF** #reg=9 BLM #reg=1 **ATR** #reg=1 ASXL1 #reg=1 AR #reg=1 ALK #reg=2 ABL1 #reg=2 VHL #reg=5 **KIT** #reg=9 **EGFR** #reg=12 RET #reg=4 AKT1 #reg=2 AKAP9 #reg=2 NPM1 #reg=2 **GNAS** #reg=1 FGFR3 #reg=1 NOTCH1 #reg=3 CHEK2 #reg=2 20 0 10 30 40 50 60 70 80 90 100 Percent of all variant loci



























