Models used for top mutated genes across intOGen cohorts **TP53** 4697 KMT2D 1384 ARID1A 1181 PTEN 1048 \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc **APC** 881 PIK3CA 764 RB1 759 NF1 755 CDKN2A 537 SMAD4 420 NOTCH1 387 \bigcirc FBXW7 369 \bigcirc **KRAS** 294 **BRAF** 256 \bigcirc CTNNB1 251 **VHL** 229 **EGFR** 222 NFE2L2 210 **ALK** 109 IDH1 62 Driver mutations (log2) BLCA! READ! GBM₁ CESC₁ CH₁ LUAD **DLBCL**₁ ST **PAAD** MM S 0 GG AML: CLL: MBL: BRCA