omatic mutations from GD(Mutation hits hits 12 53% TP53 29% KRAS 19% KEAP1 16% STK11 14% EGFR 13% NF1 10% SMARCA4 10% ATM 9% ALK none 8% BRAF 8% RBM10 7% SETD2 7% RB1 7% MTOR 522 samples 7% ARID2 6% ARID1A 38 events 6% CDKN2A 38 genes 5% ROS1 5% PIK3CA 0 patterns 5% ARID1B 5% RET 5% MET 4% ERBB2 4% NFE2L2 3% TSC2 2% CUL3 2% TSC1 2% RIT1 2% PIK3R1 2% PTEN 2% MAP2K1 1% MDM2 1% CCNE1 1% CCND1 1% NRAS 1% CDK4 1% HRAS 1% AKT1