JMP PAC Top 30–Gene Alterations with metabolic and tumor features, n=120 Obese patients have BMI >= 30 KRAS TP53 **Alterations** FRAMESHIFT
MISSENSE
SPLICING 29% 28% 15% 12% 11% CDKN2A Hyperlipidemia Status NONSENSE
CODON INSERTION
CODON DELETION
SYNONYMOUS
Hype SMAD4 ZFHX3 **Hypertension Status** NONCODING RNF43 KDM6A TNM-Metastasis M0 M1 Mx **Lymph Node Invasion** MAML2 MAGI2 **Diabetes** Hyperlipidemia Status Hypertension Status Obese Pancreatitis Status TNM Stage Lymph Node Invasion Distant Local