JMP PAC Top Core and non-Core DNA Repair Genes Alterations with metabolic and tumor features, n=120 llılım **Alterations** Diabetes BRCA2 FRAMESHIFT

MISSENSE
NONSENSE
CODON DELETION
NONCODING
SILENT

N
N
Y

Hyperlipidemia Status
N
Y 2% BRCA1 MRE11 Hypertension Status Y PALB2 Obese Y 0% RAD51 **Pancreatitis Status** N Y 0% RAD52 TNM Stage IA IB IIA IIB III ATM BLM Unknown CHEK2 TNM-Metastasis M0 M1 Mx FANCD2 **Lymph Node Invasion** WRN **Recurrence Status** RAD50 1% Distant 0% RPA1 Hyperlipidemia Status Local Hypertension Status Obese Pancreatitis Status TNM Stage TNM-Metastasis Lymph Node Invasion Recurrence Status Distant Local