## Distribution of gene level calls among resistant and sensitive groups for genes of interest BARD1 BRCA1 BRCA2 ATM 20 -20 -20 -15 **-**15 -15 -15 -10 -10**-**10 -10 -5 -5 -5 -5 -Sensitive Resistant Sensitive Sensitive Sensitive Resistant Resistant Resistant CHEK1 CHEK2 BRIP1 FAM175A 20 -20 **-**15 **-**15 **-**10 -15 -10-10 -10 -5 -5 -5 -Gene level calls 5 **-**No. of patients -2 0 -Sensitive Sensitive Sensitive Resistant Sensitive Resistant Resistant Resistant -1 PALB2 MRE11A NBN RAD51C 0 20 -20 -15 **-**2 15**-**15 -15 **-**10 -10**-**10-10 -5 -5 -5 **-**5 -0 -Resistant Resistant Sensitive Sensitive Sensitive Resistant Sensitive Resistant RAD51D 20 **-**15 **-**10 -5 -0 -Sensitive Resistant

Gene copy changes