

**TABLE S4: Distribution of mutations in concordant and discordant TNBC for which paired samples were tested with two different panels.** These 82 tumors were tested twice centrally, at different time points; in 23 out of these, discordant phenotypes were obtained (TN / nonTN). TP53 and PIK3CA mutation rates were remarkably consistent in the two groups.

<b>gene</b>	<b>heterochronous concordant TNBC phenotype</b>	<b>heterochronous discordant TNBC phenotype</b>
AKT1	2	none
ARID1B	3	none
BRCA1	1	1
CDH1	4	2
CDKN2A	1	1
ESR1	none	1
FGFR2	none	1
GATA3	3	2
MAP2K4	none	1
MAP3K1	5	none
MET	1	none
NCOR1	4	none
PALB2	none	1
PIK3CA	14 (12.4%)	5 (10.9%)
PTEN	2	2
TP53	72 (63.7%)	32 (62.9%)
VEGFA	1	1
all mutations	113	46