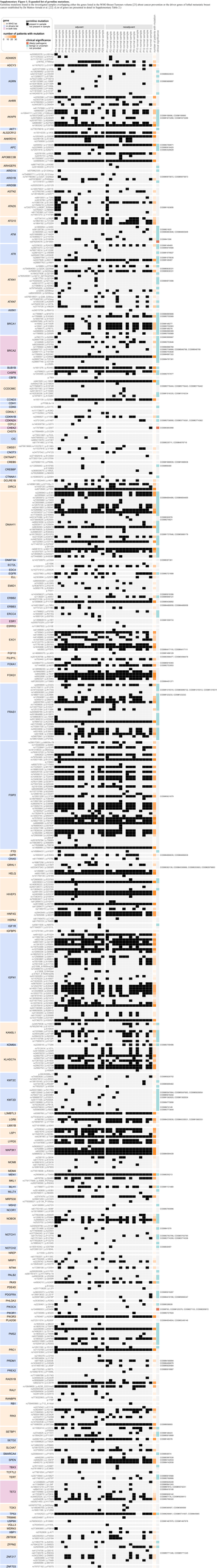
Supplementary Figure 5. Expanded list of germline mutations.
Oncoprint showing the mutation status of genes with germline mutations within the genes listed in the WHO Breast Tumours volume [23] about cancer prevention or the driver genes of lethal metastatic breast cancer established by Dr Marina Arruda et al. [22]. (List of genes are presented in detail in Supplementary Table 2.)
genes
in-frame mut
truncating mut
multi hit
germline mutation
present in sample
not present in sample
not profiled
number of patients with mutation
clinical significance
(likely) pathogenic
uncertain significance
not provided
adjuvant
neoadjuvant
clinical significance of germline mutation
ADAM33
ADCY3
ASPN
AHRR
AKAP9
AKT1
ALDOB
ANKRD16
APC
APOBEC3B
ARHGEF9
ARID1A
ARID1B
ASTN2
ATAD5
ATG10
ATM
ATR
ATXN1
ATXN7
AXIN1
BRCA1
BRCA2
BUB1B
CASP8
CBFB
CCDC88C
CCND3
CDH1
CDK6
CDKAL1
CDKN1B
CDKN2A
CDYL2
CHEK2
CHST9
CIC
CMSS1
CNOT3
CNTNAP1
CREB5
CRESP
CTNNA1
DCLRE1B
DIRC3
DNAH1
DNMT3A
ECT2L
EDC4
EGFR
ELL
EMID1
ERBB2
ERBB3
ERCC4
ESR1
ESRRG
EXOC1
FGF10
FLI1P1L
FOXA1
FOXO3
FRAS1
FSIP2
FTO
GIPR
GPHL1
HELQ
HIVEP3
HNRNPD
HSPA4
IGF1R
IGFBP5
IGFN1
KANSL1
KDM6A
KLHDC7A
KMT2C
KMT2D
L3MBTL3
LGR5
LMX1B
LRP1
LRP2
MAP3K1
MCM8
MDN1
MEN1
MKL1
MLLT4
MRPS30
MSH2
NCOR1
NOBOX
NOTCH1
NOTCH2
NRIP1
NSD1
NTN4
PALB2
PAX3
PDE4D
PDGFRA
PHLDA3
PIK3CA
PIK3R1
PIK3R2
PLAGL2
PMS2
POLE
PRC1
PRDM1
PREX2
RAD51B
RALY
RANBP9
RB1
RBM10
RIN3
SETBP1
SETD2
SLC4A7
SMARCA4
SPEN
TBX3
TCF7L2
TERT
TET2
TG
TOX3
TP53
TRIM46
TSHZ3
VCL
WDR43
WT1
ZBTB28
ZFP42
ZNF217
ZNF703