A

CGH groups
- Mixed
- Amplifier
- Luminal-simple
- Luminal-complex
- Basal-complex
- 17q12

Hypodiploid
Diploid
Aneuploid

LN+
PgR+
PgR−
ER+
ER−

Grade 3
Grade 2
Grade 1

BRCA2-mut
BRCA1-mut

Luminal B
Luminal A
Normal-like
ERBB2
Basal-like

Grade correlation

S-phase (%)

Chromosomes

BRCA1-mut
BRCA2-mut

Grade 1
Grade 2
Grade 3

ER−
ER+

PgR−
PgR+

LN−
LN+

Basal-like
Normal-like
Luminal A
Luminal B

Aneuploid
Diploid
Hypodiploid

Mixed
Amplifier
Luminal-simple
Luminal-complex
Basal-complex
17q12

B

Box plots for different cancer groups:

Amplifier
Basal-complex
17q12
Luminal-simple
Luminal-complex
Mixed

C

Survival analysis:

Log-rank p = 0.0006

Amplifier: n = 49
Basal-complex: n = 61
17q12: n = 46
Luminal-simple: n = 45
Luminal-complex: n = 100
Mixed: n = 38