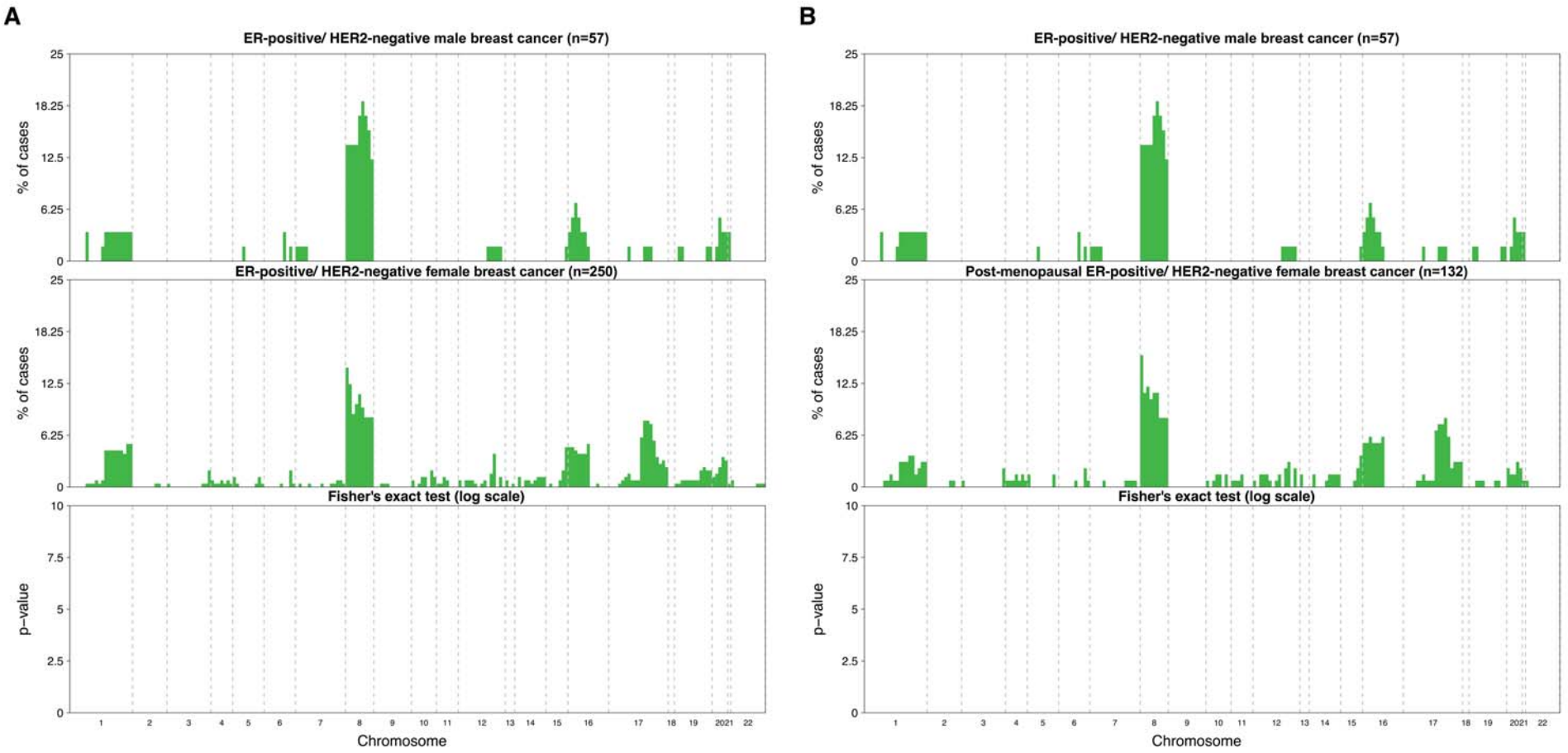
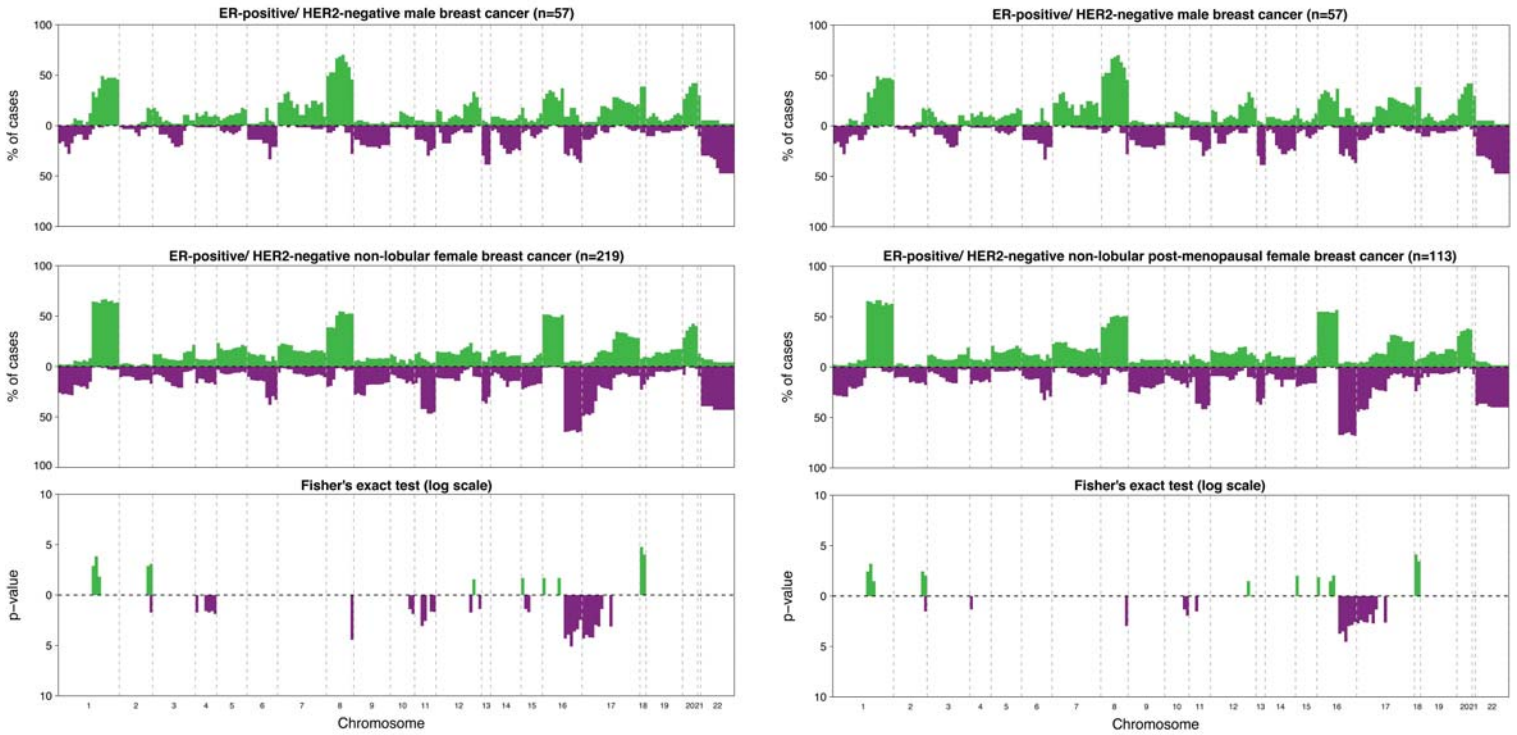
Supplementary Figure S6



Supplementary Figure S6: Patterns of amplification in ER-positive/HER2-negative male breast cancers and ER-positive/HER2-negative female breast cancers/ post-menopausal female breast cancers.

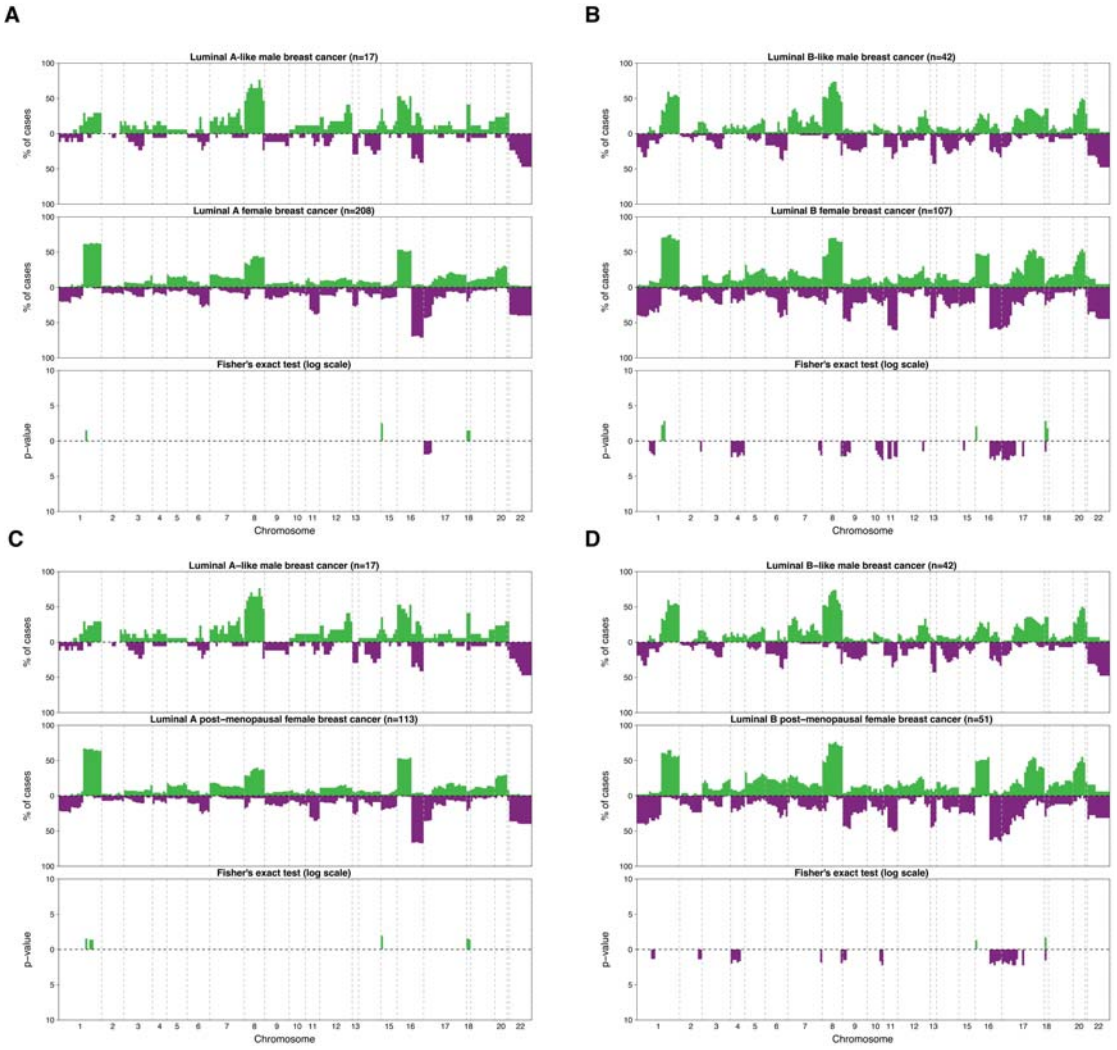
Frequency plot and multi-Fisher's exact test comparisons of amplifications in ER-positive/HER2-negative male breast cancers (MaBCs) compared with ER-positive/HER2-negative female breast cancers (FBCs) **(A)** and post-menopausal ER-positive/HER2-negative FBCs **(B)**. The frequency of amplifications (green bars) for each gene is plotted on the y-axis, according to their genomic position on the x-axis. Inverse Log_{10} values of the Fisher's exact test p-values are plotted according to genomic location (x-axis). Copy number data of FBCs were retrieved from The Cancer Genome Atlas (13).

Supplementary Figure S7



Supplementary Figure S7: Patterns of copy number alterations in ER-positive/HER2-negative male breast cancers and non-lobular ER-positive/HER2-negative female breast cancers/ post-menopausal female breast cancers.
Frequency plots of chromosomal gains and losses in 57 ER-positive/HER2-negative male breast cancers (MaBCs) compared to non-lobular ER-positive/HER2-negative female breast cancers (FBCs) **(A)** and post-menopausal non-lobular ER-positive/HER2-negative FBCs **(B)**. The frequency of gains (green bars) or losses (purple bars) for each gene is plotted on the y-axis, according to their genomic position on the x-axis. Inverse Log_{10} values of the Fisher's exact test p-values are plotted according to genomic location (x-axis). Copy number data of FBCs were retrieved from The Cancer Genome Atlas (13).

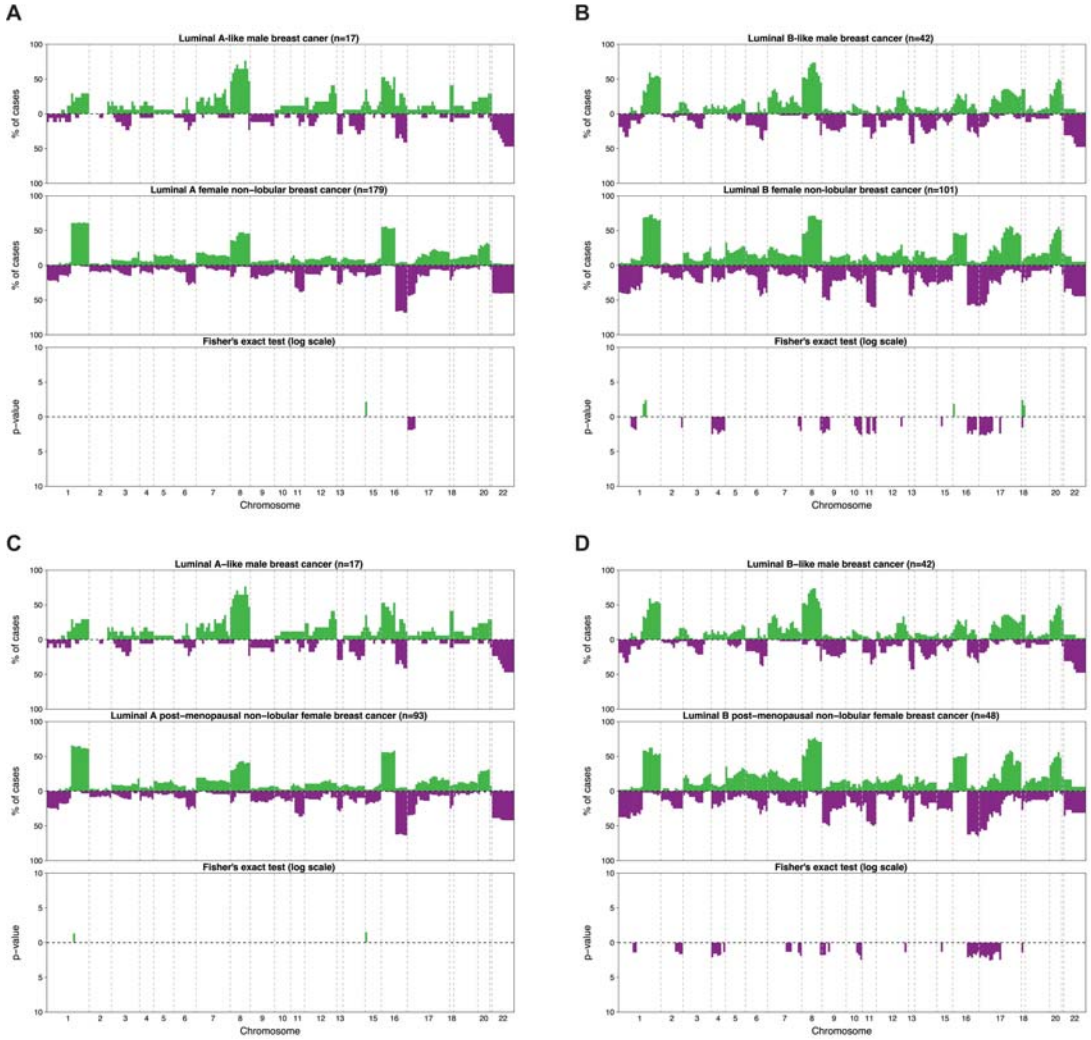
Supplementary Figure S8



Supplementary Figure S8: Patterns of copy number alterations in male breast cancers and female breast cancers/ post-menopausal female breast cancers of luminal A and B subtypes.

Frequency plots and multi-Fisher's exact test comparisons of chromosomal gains and losses in 17 luminal A-like male breast cancers (MaBCs), compared with female breast cancer (FBCs) **(A)** and post-menopausal FBCs **(C)** of luminal A subtype, and in 42 luminal B-like MaBCs, compared with FBCs **(B)** and post-menopausal FBCs **(D)** of luminal B subtype. The frequency of gains (green bars) or losses (purple bars) for each gene is plotted on the y-axis, according to their genomic position on the x-axis. Inverse Log_{10} values of the Fisher's exact test p-values are plotted according to genomic location (x-axis). Copy number data of FBCs were retrieved from The Cancer Genome Atlas (13).

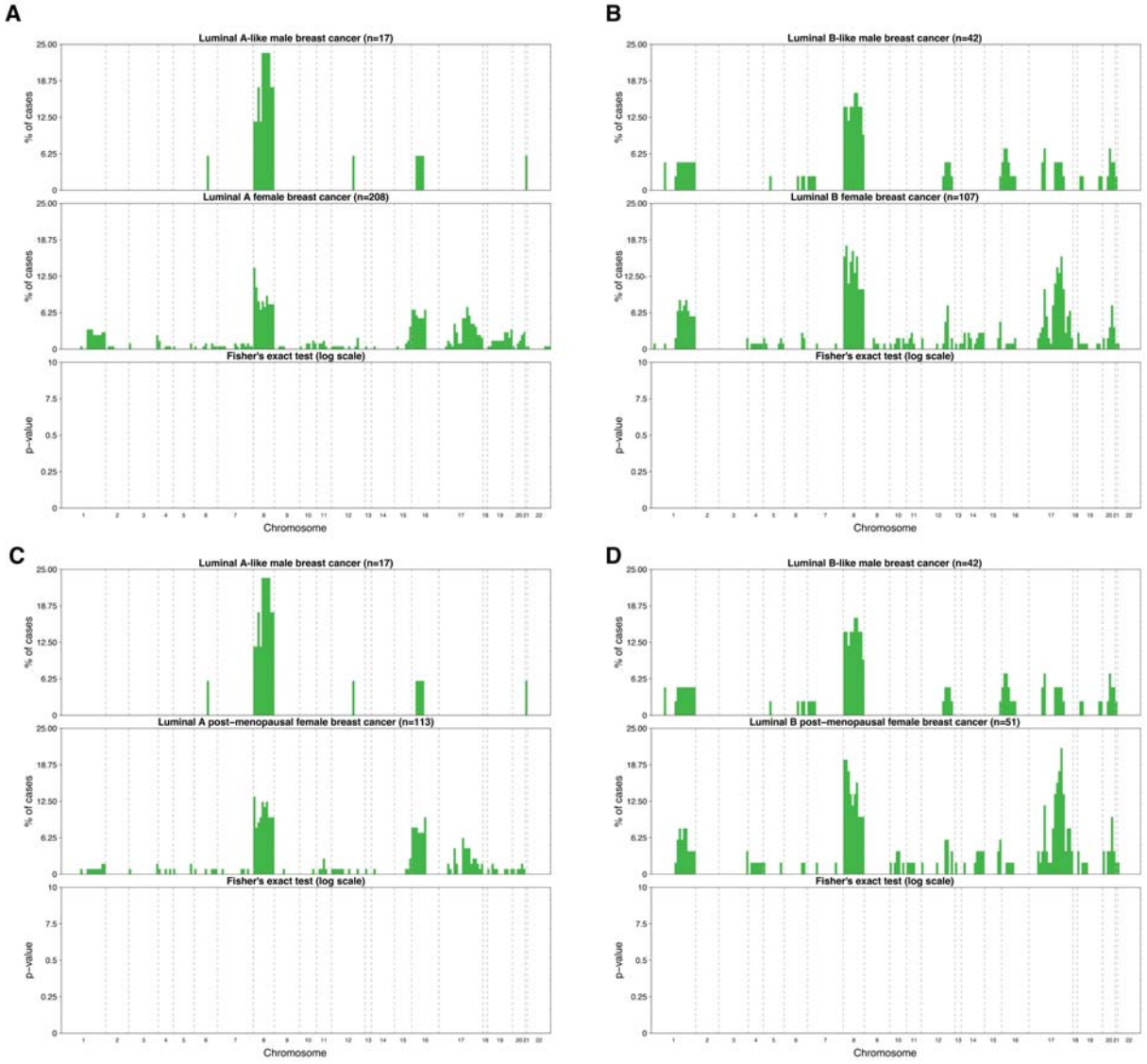
Supplementary Figure S9



Supplementary Figure S9: Patterns of copy number alterations in male breast cancers and non-lobular female breast cancers/ post-menopausal female breast cancers of luminal A and B subtypes.

Frequency plots and multi-Fisher's exact test comparisons of chromosomal gains and losses in 17 luminal A-like male breast cancers (MaBCs), compared with non-lobular female breast cancer (FBCs) **(A)** and post-menopausal non-lobular FBCs **(C)** of luminal A subtype, and in 42 luminal B-like MaBCs, compared with non-lobular FBCs **(B)** and post-menopausal non-lobular FBCs **(D)** of luminal B subtype. The frequency of gains (green bars) or losses (purple bars) for each gene is plotted on the y-axis, according to their genomic position on the x-axis. Inverse Log_{10} values of the Fisher's exact test p-values are plotted according to genomic location (x-axis). Copy number data of FBCs were retrieved from The Cancer Genome Atlas (13).

Supplementary Figure S10



Supplementary Figure S10: Patterns of amplifications in male breast cancers and female breast cancers/ post-menopausal female breast cancers of luminal A and B subtypes.

Frequency plots and multi-Fisher's exact test comparisons of amplifications in 17 luminal A-like male breast cancers (MaBCs), compared with female breast cancers (FBCs) **(A)** and post-menopausal FBCs **(C)** of luminal A subtype, and in 42 luminal B-like MaBCs, compared with FBCs **(B)** and post-menopausal FBCs **(D)** of luminal B subtype. The frequency of amplifications (green bars) for each gene is plotted on the y-axis, according to their genomic position on the x-axis. Inverse Log_{10} values of the Fisher's exact test p-values are plotted according to genomic location (x-axis). Copy number data of FBCs were retrieved from The Cancer Genome Atlas (13).