

Supplementary Figure Legends

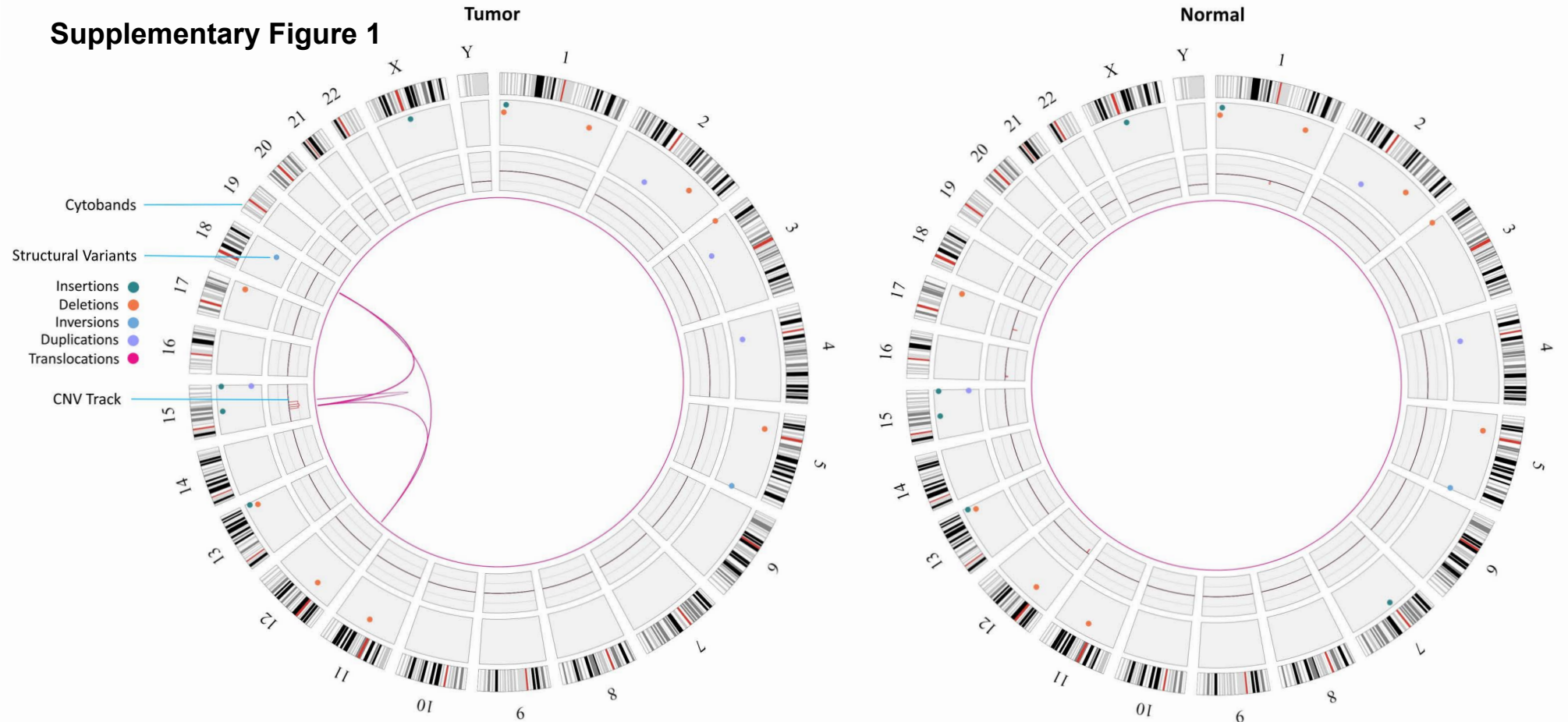
Supplementary Figure 1: Representation of the SVs identified in the case in tumor tissue sample and control blood sample. Four level circos plots displaying chromosomal G-band on the outer level, SVs in the middle (insertions – green, deletions – orange, inversions – cyan, duplications – purple, translocation – purple), followed by CNV track (gains – blue, loss – orange) and inner most circle displaying the translocation connections between the chromosomes.

Supplementary Figure 2: Complex rearrangements observed in the tumor sample. Left: Circos plot summarizing the rearrangements seen between chromosomes 12, 15 and 18 (purple connecting lines). Overall, the reference chromosomes are displayed in blue and the assembled sample maps in yellow. DLE1 label sites are in black. Top: Chromosome 18 genome view around the breakpoints between chromosome 12 and 15. An insertion from chromosome 15 and 12 is observed. Additionally, the chromosome 15 and 18 translocation junction results in an inversion as observed on chromosome 18. Middle: Alignments of labels from chromosome 12 to assembled maps on chromosomes 15 and 18, indicating that this DNA material has been inserted onto chromosome 18. Bottom: Translocations between chromosome 15 and 18 observed by two maps as well as a large CN loss on chromosome 15.

Supplementary Figure 1

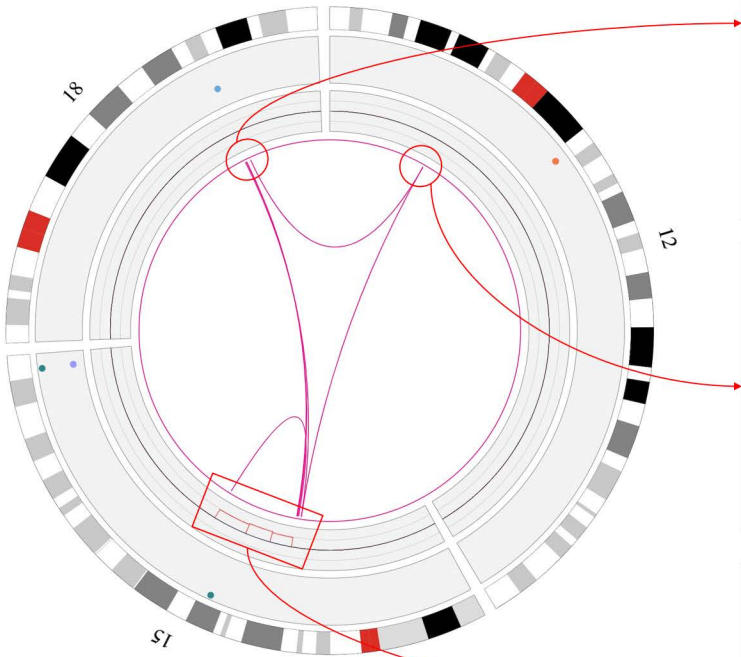
Tumor

Normal



Supplementary Figure 2

OGM Circos Plot View



OGM Genome Browser View

