

**Suppl. Figure 3.** Location of the FUT4 and ST3GAL4 genes in the short arm of Chromosome 11. A chromosomal breakage, usually between the 11q14 and 11q23 regions, is followed by an in situ amplification, initiated by interchromosomal recombination or breakage-fusion-bridge cycles, which is associated with loss of the terminal segment of the chromosome. This results in cyclin D1 (CCND1, 11q13.3) gain of function and loss of Ataxia Telangiectasia Mutated (ATM, 11q22.3).

