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# MLL Partial Tandem Duplication

National Cancer Institute

## Source

National Cancer Institute. *MLL Partial Tandem Duplication*. NCI Thesaurus. Code C113507.

A chromosomal rearrangement where exons 5 through 11 or 5 through 12 of the MLL gene are duplicated and inserted upstream of exon 4 of the gene. This duplication results in transcripts and proteins that have the N-terminal region, which contains the AT hook DNA-binding motifs, and the transcriptional repression domain duplicated. This mutation is associated with myelodysplastic syndrome (MDS) and susceptibility of MDS progression to acute myeloid leukemia.