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B Acute Lymphoblastic Leukemia with t(12;21)(p13.2;q22.1); ETV6-RUNX1

National Cancer Institute

Source

National Cancer Institute. *B Acute Lymphoblastic Leukemia with t(12;21)(p13.2;q22.1): ETV6-RUNX1*. NCI Thesaurus. Code C80343.

A B-cell acute leukemia characterized by the presence of lymphoblasts that carry a translocation between the TEL gene on chromosome 12 and the AML1 gene on chromosome 21, (p13.2;q22.1). It results in the production of the TEL-AML1 (ETV6-RUNX1) fusion protein. It is commonly seen in children and rarely in adults. It has a favorable clinical outcome.