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RUNX1/MECOM Fusion Gene

National Cancer Institute

Source

National Cancer Institute. *RUNX1/MECOM Fusion Gene*. NCI Thesaurus. Code C99295.

A fusion gene (~5.9 kb) that results from a chromosomal translocation t(3;21)(q26;q22) which fuses the first 5 exons of the RUNX1 gene to most of the MECOM gene. This rearrangement is associated with acute myelogenous leukemia, chronic myelogenous leukemia and myelodysplastic syndrome.