

[Open Peer Review on Qeios](#)

PAX7/FOXO1 Fusion Gene

National Cancer Institute

Source

National Cancer Institute. *PAX7/FOXO1 Fusion Gene*. NCI Thesaurus. Code C99363.

A fusion gene (~2.5 kb) that results from a chromosomal translocation t(1;13)(p36;q14) which fuses intron 7 of the PAX7 gene with intron 1 of the FOXO1 gene. This rearrangement is associated with alveolar rhabdomyosarcoma and rare cases of embryonal rhabdomyosarcoma.