

[Open Peer Review on Qeios](#)

Oncogene CSF1R

National Cancer Institute

Source

National Cancer Institute. *Oncogene CSF1R*. NCI Thesaurus. Code C16240.

Human colony stimulating factor 1 receptor (CSF1R) gene, located at 5q33.2-q33.3, encodes macrophage colony stimulating factor I receptor protein. Mutations in this gene have been detected in both chronic myelomonocytic leukemia and type M4 acute myeloblastic leukemia. One out of fifty hematologically normal individuals exhibit a CSFR1 variant allele (Y969C) that may cause a predisposition to myeloid malignancy.