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# Oncogene ROS

National Cancer Institute

## Source

National Cancer Institute. *Oncogene ROS*. NCI Thesaurus. Code C18339.

Highly-expressed in a variety of tumor cell lines, human Oncogene ROS is a mutated variant of ROS1 Gene, which belongs to the sevenless subfamily of tyrosine kinase insulin receptor genes. The encoded type I integral membrane protein, Tyrosine-Protein Kinase ROS, with tyrosine kinase activity may function as a growth or differentiation factor receptor. Oncogene ROS1 disrupts normal cell function.