

Title (en)

NOVEL HUMAN MYELOID TERMINAL DIFFERENTIATION RESPONSE GENE

Title (de)

MENSCHLICHES GEN, WELCHES IN RAHMEN DER MYELOIDEN ZELLDIFFERENZIERUNG AKTIVERT WIRD

Title (fr)

NOUVEAU GENE DE REPONSE A LA DIFFERENCIATION TERMINALE MYELOIDE D'ORIGINE HUMAINE

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Application

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Abstract (en)

[origin: CA2246578A1] The present invention provides polynucleotide and amino acid sequences which encode and identify a novel human myeloid terminal differentiation response gene designated MYD118. The present invention also provides for MYD118 antisense molecules. The invention further provides genetically engineered expression vectors and host cells for the production of purified MYD118 polypeptide; antibodies, antagonists and inhibitors of MYD118 polypeptide; and pharmaceutical compositions and methods of treatment based on polynucleotide sequences encoding MYD118 polypeptide. The invention specifically provides for use of the MYD118 polynucleotide sequences as a diagnostic composition for the detection of myeloproliferative diseases and leukemias. The invention also relates to therapeutic methods and compositions based upon the nucleotide and amino acid sequences for MYD118. The invention further provides antibodies which specifically bind to MYD118.

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