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(54) Title: NEW POLYNUCLEOTIDES AND POLYPEPTIDES OF THE ERYTHROPOIETIN GENE

(57) Abstract: The present invention relates to new polynucleotides deriving from the nucleotide sequence of the EPO gene and comprising new SNPs, new polypeptides derived from the natural EPO protein and comprising at least one mutation caused by the SNPs of the invention as well as their therapeutic uses.