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(54) Title: USE OF CYTOSOLIC PHOSPHOLIPID HYDROPEROXIDE GLUTATHIONE PEROXIDASE TO REDUCE TUMOR GROWTH

(57) Abstract: The present invention relates to the reduction of tumor growth. More specifically, the present invention relates to the use of cytosolic phospholipid hydroperoxide glutathione peroxidase (cPHGPx) to reduce tumor growth. Moreover, the present invention relates to the detection of mutations in the gene, encoding cPHGPx to forecast the likelihood to develop cancer and/or to forecast the likelihood to develop metastasis and/or to determine the aggressiveness of the tumor.