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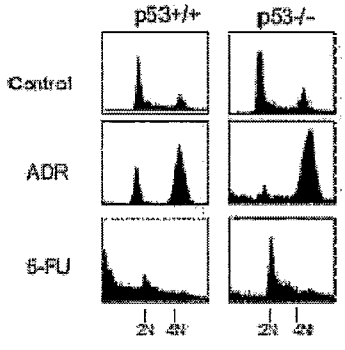
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(54) **Title:** SENSITIZING A CELL TO CANCER TREATMENT BY MODULATING THE ACTIVITY OF A NUCLEIC ACID ENCODING RPS27L PROTEIN



(57) **Abstract:** The present invention refers to a method of sensitizing a cell to cancer treatment comprising modulating the activity of a nucleic acid which encodes the RPS27L protein by use of an oligonucleotide which is a RNAi agent or an antisense nucleotide molecule. The oligonucleotides of the present invention can be used in combination with at least one cytostatic drug for, e.g., chemotherapy. The present invention further refers to an expression vector comprising an oligonucleotide used in the method of the present invention as well as to a pharmaceutical comprising the oligonucleotides together with at least one chemotherapeutic agent used in the method of the present invention.