21 OCT 2002

ABSTRACT

HUMAN TELOMERASE CATALYTIC SUBUNIT

The invention provides compositions and methods related to the promoter sequence of human telomerase reverse transcriptase (hTRT), the catalytic protein subunit of human telomerase. The invention provides isolated or recombinant polynucleotides having an hTRT promoter sequence. The promoter sequence can be operably linked to a heterologous sequence, such as a reporter gene or toxin, causing it to be expressed in cells that are telomerase positive. Compositions of this invention are useful for treating cancer, and other purposes explained in the disclosure.

Figure 9



G00002



162162