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WORLD INTELLECTUAL PROPERTY ORGANIZATION
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9900956-5 IPOS

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :
C12N 15/54, 9/12, C12Q 1/68, 1/48, C12N 15/11, 15/85, A01K 67/027, C07K 16/40, A61K 38/45, 31/70, C12N 1/21, 1/19

A2

(11) International Publication Number: WO 98/14593

(43) International Publication Date: 9 April 1998 (09.04.98)

(21) International Application Number: PCT/US97/17885

(22) International Filing Date: 1 October 1997 (01.10.97)

(30) Priority Data:

08/724,643	1 October 1996 (01.10.96)	US
08/844,419	18 April 1997 (18.04.97)	US
08/846,017	25 April 1997 (25.04.97)	US
08/851,843	6 May 1997 (06.05.97)	US
08/854,050	9 May 1997 (09.05.97)	US
08/911,312	14 August 1997 (14.08.97)	US
08/912,951	14 August 1997 (14.08.97)	US
08/915,503	14 August 1997 (14.08.97)	US

(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application
US 08/912,951 (CIP)
Filed on 14 August 1997 (14.08.97)

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(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
Without international search report and to be republished upon receipt of that report.

(54) Title: HUMAN TELOMERASE CATALYTIC SUBUNIT

(57) Abstract

The invention provides compositions and methods related to human telomerase reverse transcriptase (hTRT), the catalytic protein subunit of human telomerase. The polynucleotides and polypeptides of the invention are useful for diagnosis, prognosis and treatment of human diseases, for changing the proliferative capacity of cells and organisms, and for identification and screening of compounds and treatments useful for treatment of diseases such as cancers.