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(54) **Title:** DIETARY SUPPLEMENTS, COMPOSITIONS, AND USES THEREOF FOR INCREASING TELOMERASE ACTIVITY AND EXTENDING TELOMERE LENGTH

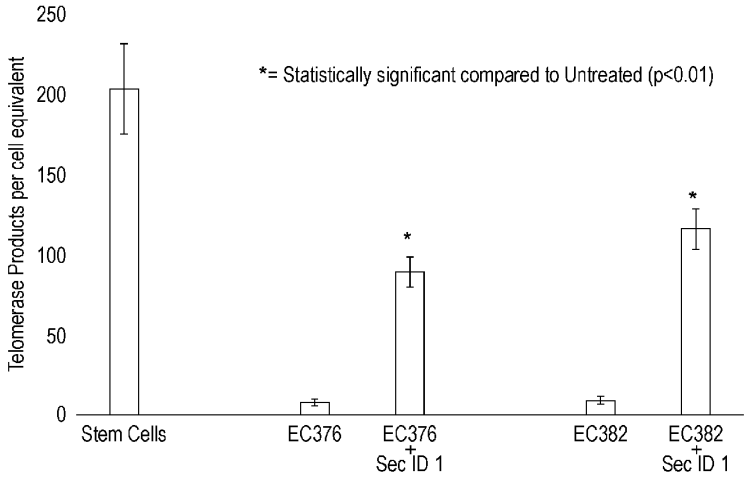

FIG. 1

(57) **Abstract:** Disclosed herein are dietary supplements, and nutraceutical compositions thereof, comprising a polypeptide having at least 80%, 85%, 90%, 95%, 98% or 99% sequence identity to the amino acid sequence set forth in SEQ ID NO 1 and 2; and methods of increasing telomerase activity and extending the length of telomeres using a composition comprising a polypeptide having at least 80%, 85%, 90%, 95%, 98% or 99% sequence identity to the amino acid sequence set forth in SEQ ID NO 1 or 2. Also disclosed is an isolated polypeptide according to SEQ ID NO 2.

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