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(71) Applicant (for all designated States except US): **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FERRARA, Napoleone [US/US]; 2090 Pacific Avenue, #704, San Francisco, CA 94109 (US). **LE COUTER, Jennifer** [CA/US]; 585 Page Street, Apt. #1, San Francisco, CA 94117-3435 (US).

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(74) Agent: HUNT, Dale, C.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(54) Title: Bv8 NUCLEIC ACIDS AND POLYPEPTIDES WITH MITOGENIC ACTIVITY

TGAGGGCGCCATGAGGAGCCTGTGCTGCGCCCCACTCCTGCTCCTCTTGCTGCTGCCGCC
 GCTGCTGCTCACGCCCCGCGCTGGGGACGCCGCCGTGATCACCGGGGCTTGTGACAAGGA
 CTCCCAATGTGGTGAGGCATGTGCTGTGCTGTCTGAGTATCTGGGTCAAGAGCATAAGGAT
 TTGCACACCTATGGGCAAACCTGGGAGACAGCTGCCATCCACTGACTCGTAAAAACAATTT
 TGGAAATGGAAGGCAGGAAAGAAGAAAGAGGAAGAGAAGCAAAAGGAAAAAGGAGGTTCC
 ATTTTTTTGGGCGGAGGATGCATCACACTTGCCCATGTCTGCCAGGCTTGGCCTGTTTACG
 GACTTCATTTAACCGATTTATTTGTTTAGCCCCAAAAGTAATCGCTCTGGAGTAGAAACCA
 AATGTGA

(57) Abstract: The present invention provides methods of using Bv8 polypeptides to induce endothelial cell proliferation and to enhance endothelial cell survival. Also provided herein are methods of screening for modulators of Bv8 activity. Furthermore, methods of treatment using Bv8 polypeptides are provided.



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