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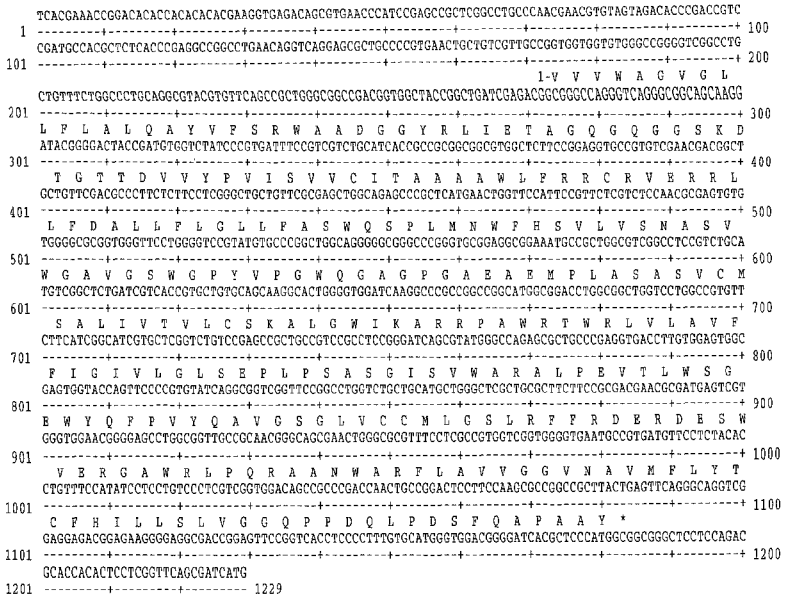
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(54) Title: STREPTOMYCES AVERMITILIS GENE DIRECTING THE RATIO OF B2:B1 AVERMECTINS



(57) Abstract: The present invention relates to polynucleotide comprising nucleotide sequences encoding an aveC gene product, which polynucleotide molecules can be used to alter the ratio or amount of class 2:1 avermectins produced in fermentation cultures of S. avermitis. The present invention further relates to vectors, host cells, and mutant strains of S. avermitis in which the aveC gene has been inactivated, or mutated so as to change the ratio or amount of class 2:1 avermectins produced.

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