

研究業績 英文表記

和文	
表題	大腸菌における腸炎ビブリオトキシンの発現は染色体 DNA 分解をもたらす
著者名	
所属	
英文	
Title	Expression of a <i>Vibrio parahaemolyticus</i> toxin in <i>Escherichia coli</i> results in chromosomal DNA degradation.
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Abstract	<p>A toxin-antitoxin system, <i>vp1842/vp1843</i>, locates within a superintegron on the <i>Vibrio parahaemolyticus</i> genome chromosome I whose toxin gene <i>vp1843</i> encodes a DNA nicking endonuclease. We found that the <i>vp1843</i> expression in <i>Escherichia coli</i> cells strongly induced chromosomal DNA degradation. On the basis of these observations, we discuss a possible physiological role of <i>vp1842/vp1843</i> in <i>V. parahaemolyticus</i>.</p>
keyword	chromosomal DNA degradation, toxin-antitoxin, <i>Vibrio parahaemolyticus</i>

※本データの英文表記は実際の論文上の表記とは異なります。