基本信息

别称:	金黄葡萄球拷贝整合
平台编号:	bio-118171
复制子:	Ec
质粒大小:	5505bp
原核抗性:	Amp
筛选标记:	Chl
克隆菌株:	DH5a
培养条件:	37 度
表达宿主:	金黄色葡萄球菌
5'测序引物:	根据全序列设计
3'测序引物:	根据全序列设计

质粒属性

载体宿主：	金黄色葡萄球菌
载体用途：	
基因种属：	
基因类型：	
原核抗性：	Amp
筛选标记：	
荧光蛋白：	

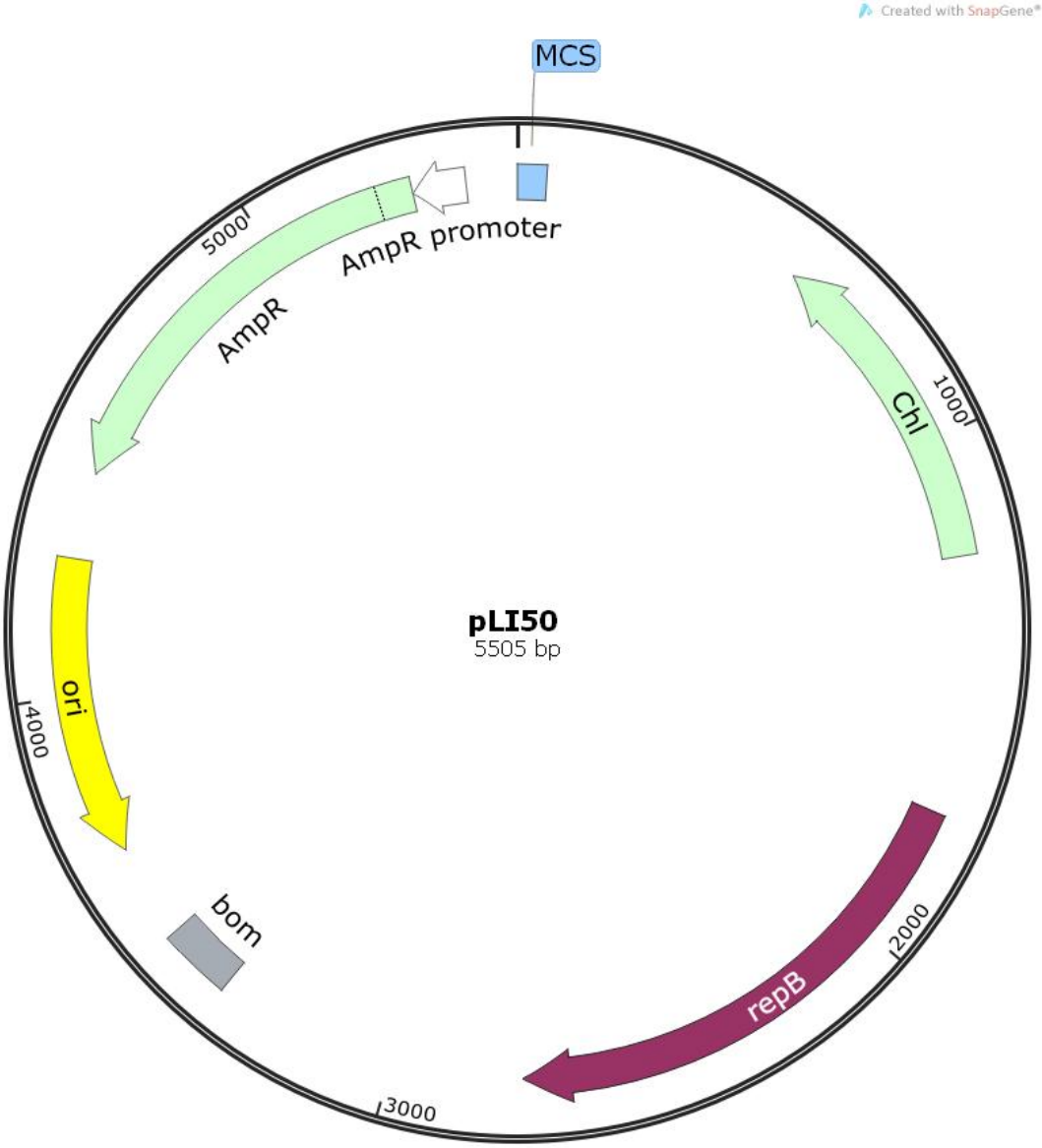
质粒简介

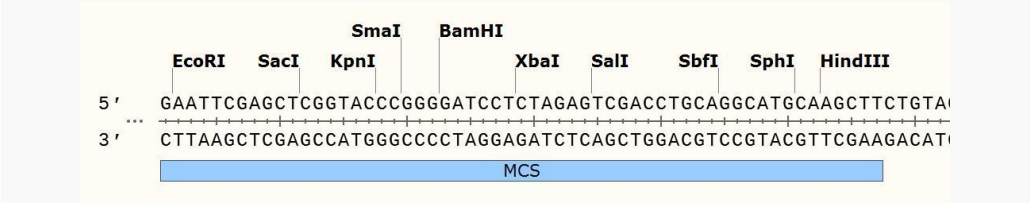
pLI50 质粒是一个金黄色葡萄球菌单拷贝整合载体，在大肠杆菌里氨苄抗性，在金黄色葡萄球菌里是氯霉素抗性。参考文献：Construction of single-copy integration vectors for Staphylococcus aureus.

Single-copy integration vectors suitable for cloning in Staphylococcus aureus have been constructed. Their construction was based on the site-specific recombination system of staphylococcal phage, L54a. The vectors are capable of autonomous replication in Escherichia coli, but they are not endowed with a replication function in S. aureus. As a consequence, establishment

of these vectors in S. aureus can only be achieved by the integration system of the phage. Once integrated into the chromosome, the vectors, or their derivatives, were stably inherited even without selective pressure. Because such a vector exists in an integrated form in S. aureus, the gene dosage of the DNA cloned in the vector matches that of the chromosome.

质粒图谱





质粒序列

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  ORGANISM  synthetic DNA construct
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