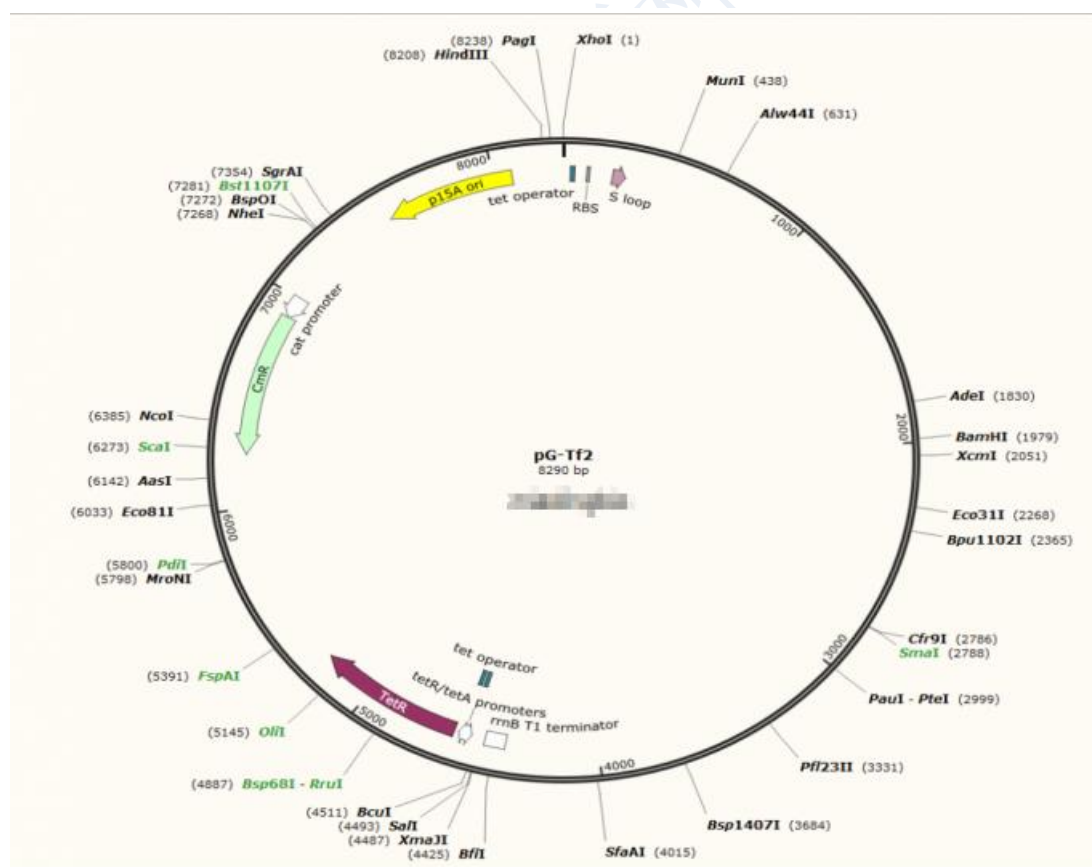


## pG-Tf2 基本信息

质粒分类:	大肠杆菌载体; 伴侣分子表达质粒
平台编号:	bio-115054
质粒大小:	8.3Kb
原核抗性:	氯霉素 Chl
筛选标记:	四环素 Tet
克隆菌株:	DH5α
培养条件:	37℃, 有氧, LB
表达宿主:	大肠杆菌
培养条件:	37℃, 有氧, LB
诱导方式:	阿拉伯糖
备注:	伴侣分子表达质粒

## 质粒图谱



## 质粒序列



LOCUS Exported 8290 bp ds-DNA circular SYN 13-SEP-2016  
DEFINITION synthetic circular DNA  
ACCESSION .  
VERSION .  
KEYWORDS Untitled 2  
SOURCE synthetic DNA construct  
ORGANISM synthetic DNA construct  
REFERENCE 1 (bases 1 to 8290)  
AUTHORS .  
TITLE Direct Submission  
JOURNAL Exported Tuesday, September 13, 2016 from SnapGene Viewer

3.1.4FEATURES Location/Qualifiers

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CDS	206..259	/codon_start=1 /product="GroES chaperone mobile loop that interacts with GroEL" /note="S loop" /translation="EVETKSAGGIVLTGSAAA"
terminator	4387..4473	/gene="Escherichia coli rrnB" /note="rrnB T1 terminator" /note="transcription terminator T1 from the E. coli rrnB gene"
promoter	4533..4588	/gene="tetR" /note="tetR/tetA promoters" /note="overlapping promoters for bacterial tetR and tetA"
protein_bind	4534..4552	/gene="tetO" /bound_moiety="tetracycline repressor TetR" /note="tet operator"



	<pre>/note="bacterial operator O2 for the tetR and tetA genes" protein_bind 4564..4582               /bound_moiety="tetracycline repressor TetR"               /note="tet operator"               /note="bacterial operator O1 for the tetR and tetA genes" CDS 4607..5230      /codon_start=1      /gene="tetR from transposon Tn10"      /product="tetracycline repressor TetR"      /note="TetR"      /note="TetR binds to the tetracycline operator tetO to inhibit transcription. This inhibition can be relieved by adding tetracycline or doxycycline."      /translation="MSRLDKSKVINSALELLNEVGIEGLTTRKLAQKLGVEQPTLY WHV      KNKRALLDALAIEMLDLRHHTHFCPLEGESWQDFLRNNAKSFRCALLSHRDGAKVHL GTR      PTEKQYETLENQLAFLCQQGFSLLENALYALSAVGHFTLGCVLEDQEHQVAKEERET PTT      DSMPPLLRQAIELFDHQGAEPAFLEGLLELIICGLEKQLKCESGS" CDS complement(6245..6904)      /codon_start=1      /gene="cat"      /product="chloramphenicol acetyltransferase"      /note="CmR"      /note="confers resistance to chloramphenicol"      /translation="MEKKITGYTTVDISQWHRKEHFQAFQSVQCTYNQTVQLDIT AFL      KTVKKNKHKFYPAFIHILARLMNAHPEFRMAMKDGELVIWDSVHPCYTVFHEQTET FSS      LWSEYHDDFRQFLHIYSQDVACYGENLAYFPKGFIEINMFFVSANPWSFTSFDLNV ANM      DNFFAPVFTMGKYITQGDKVLMLPLAIQVHHA VCDGFHVGRMLNELQQYCDEWQGGGA " promoter complement(6905..7007)          /note="cat promoter"          /note="promoter of the E. coli cat gene encoding chloramphenicol acetyltransferase" rep_origin complement(7533..8077)           /direction=LEFT           /note="p15A ori"           /note="Plasmids containing the medium-copy-number p15A</pre>
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origin of replication can be propagated in E. coli cells that contain a second plasmid with the ColE1 origin."

## ORIGIN

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## 微生物菌种查询网

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