

Bacterial Plasmid Sequence

Directions: Choose 2 strips: 1 with the plasmid recognition site, and another with a antibiotic resistance gene. Cut them out and tape them end to end to make a circular strand of DNA.

G	C	C	G	T	A	T	A
C	G	G	C	G	C	A	T
C	G	A	T	G	C	A	T
C	G	G	C	T	A	G	C
A	T	T	A	G	C	C	G
G	C	T	A	G	C	C	G
A	T	A	T	G	C	G	C
G	C	A	T	G	C	T	A
T	A	C	G	G	C	A	T
T	A	C	G	C	G	G	C
T	A	T	A	A	T	G	C
C	G	A	T	A	T	T	A
T	A	G	C	G	C	T	A
T	A	G	C	G	C	C	G
A	T	A	T	T	A	G	C
A	T	G	C	T	A	A	T
G	C	G	C	A	T	A	T
G	C	G	C	T	A	C	G
T	A	C	G	A	T	G	C
C	G	C	G	C	G	C	G
T	A	C	G	T	A	C	G

Key

	Plasmid replication site
Ampicilin resistance	
Tetracycline Resistance	
Kanamycin resistance	

