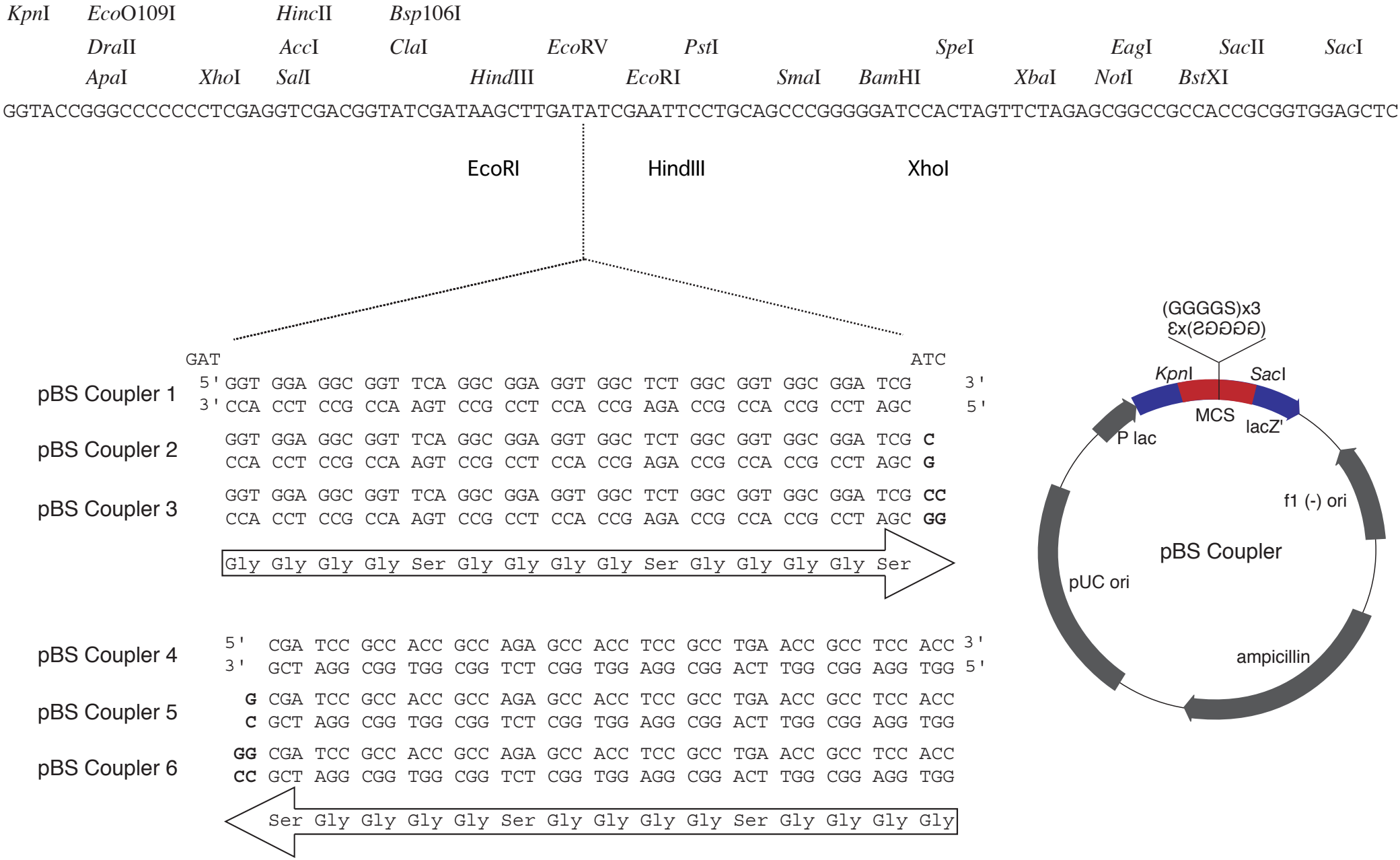
KpnI EcoO109I HincII Bsp106I
DraII AccI ClaI EcoRV PstI SpeI EagI SacII SacI
ApaI XhoI SalI HindIII EcoRI SmaI BamHI XbaI NotI BstXI
GGTACCGGGCCCCCCCTCGAGGTCGACGGTATCGATAAGCTTGATATCGAATTCCTGCAGCCCGGGGGATCCACTAGTTCTAGAGCGGCCGCCACCGCGGTGGAGCTC
EcoRI
HindIII
XhoI
GAT
ATC
pBS Coupler 1
5' GGT GGA GGC GGT TCA GGC GGA GGT GGC TCT GGC GGT GGC GGA TCG 3'
3' CCA CCT CCG CCA AGT CCG CCT CCA CCG AGA CCG CCA CCG CCT AGC 5'
pBS Coupler 2
GGT GGA GGC GGT TCA GGC GGA GGT GGC TCT GGC GGT GGC GGA TCG C
CCA CCT CCG CCA AGT CCG CCT CCA CCG AGA CCG CCA CCG CCT AGC G
pBS Coupler 3
GGT GGA GGC GGT TCA GGC GGA GGT GGC TCT GGC GGT GGC GGA TCG CC
CCA CCT CCG CCA AGT CCG CCT CCA CCG AGA CCG CCA CCG CCT AGC GG
Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
pBS Coupler 4
5' CGA TCC GCC ACC GCC AGA GCC ACC TCC GCC TGA ACC GCC TCC ACC 3'
3' GCT AGG CGG TGG CGG TCT CGG TGG AGG CGG ACT TGG CGG AGG TGG 5'
pBS Coupler 5
G CGA TCC GCC ACC GCC AGA GCC ACC TCC GCC TGA ACC GCC TCC ACC
C GCT AGG CGG TGG CGG TCT CGG TGG AGG CGG ACT TGG CGG AGG TGG
pBS Coupler 6
GG CGA TCC GCC ACC GCC AGA GCC ACC TCC GCC TGA ACC GCC TCC ACC
CC GCT AGG CGG TGG CGG TCT CGG TGG AGG CGG ACT TGG CGG AGG TGG
Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
(GGGGS)x3
KpnI
SacI
MCS
lacZ'
P lac
f1 (-) ori
pBS Coupler
pUC ori
ampicillin