pHBIntE
5650 bp
erythromycin resistance gene ermC
M.HpaI (5343)
NsiI (5195)
Ppu10I (5191)
ApaBI (5191)
BstAPI (5190)
FatI (5104)
FatI (4991)
M.EcoR124I (4916)
replicon repF (B. megaterium)
AgeI (4328)
AvrII (4099)
origin of replication (Temperature sensitive), Bacillus megaterium
EcoNI (4026)
BsrGI (3764)
BsmFI (3760)
M.BspLU11IIIC (3748)
M.BspLU11IIIA (3748)
RleAI (3733)
PssI (3401)
M.EcoO109I (3400)
BbsI (3400)
EcoO109I (3398)
Bbr7I (3395)
AatII (3344)
M.StySPI (3080)
M.EcoKI (3080)
M.ScaI (2903)
M.NmeSI (2903)
BclI (66)
M.BclI (67)
M.BmeTI (67)
M.TaeII (67)
Bpu10I (172)
Leader peptide
M.EcoBI (693)
M.KpnAI (943)
M.BsaAI (1016)
M.HindIII (1214)
HindIII (1215)
BseRI (1321)
SpeI (1378)
BstBI (1384)
BglII (1388)
M.BglII (1391)
M.Cfr9I (1402)
M.SmaI (1402)
M.XcyI (1402)
BamHI (1406)
M.BstI (1407)
M.BnaI (1409)
Acc65I (1412)
KpnI (1416)
EagI (1417)
M.NgoMIV (1426)
M.SauLPI (1426)
NgoMIV (1426)
M.EcoR124II (1521)
DraI (1637)
HaeII (1777)
BseYI (1833)
ori pBR322 (E. co
AluNI (1945)
BceAI (2031)
BceJI (2031)
BmrI (2462)
M.BfiIA (2466)
M.BfiIB (2466)
BsaI (2483)
BglI (2542)
M.BsuBI (2666)
M.PstI (2666)
PstI (2667)
AccIII (2721)
ß-lactamase (E. coli)
PvuI (2792)