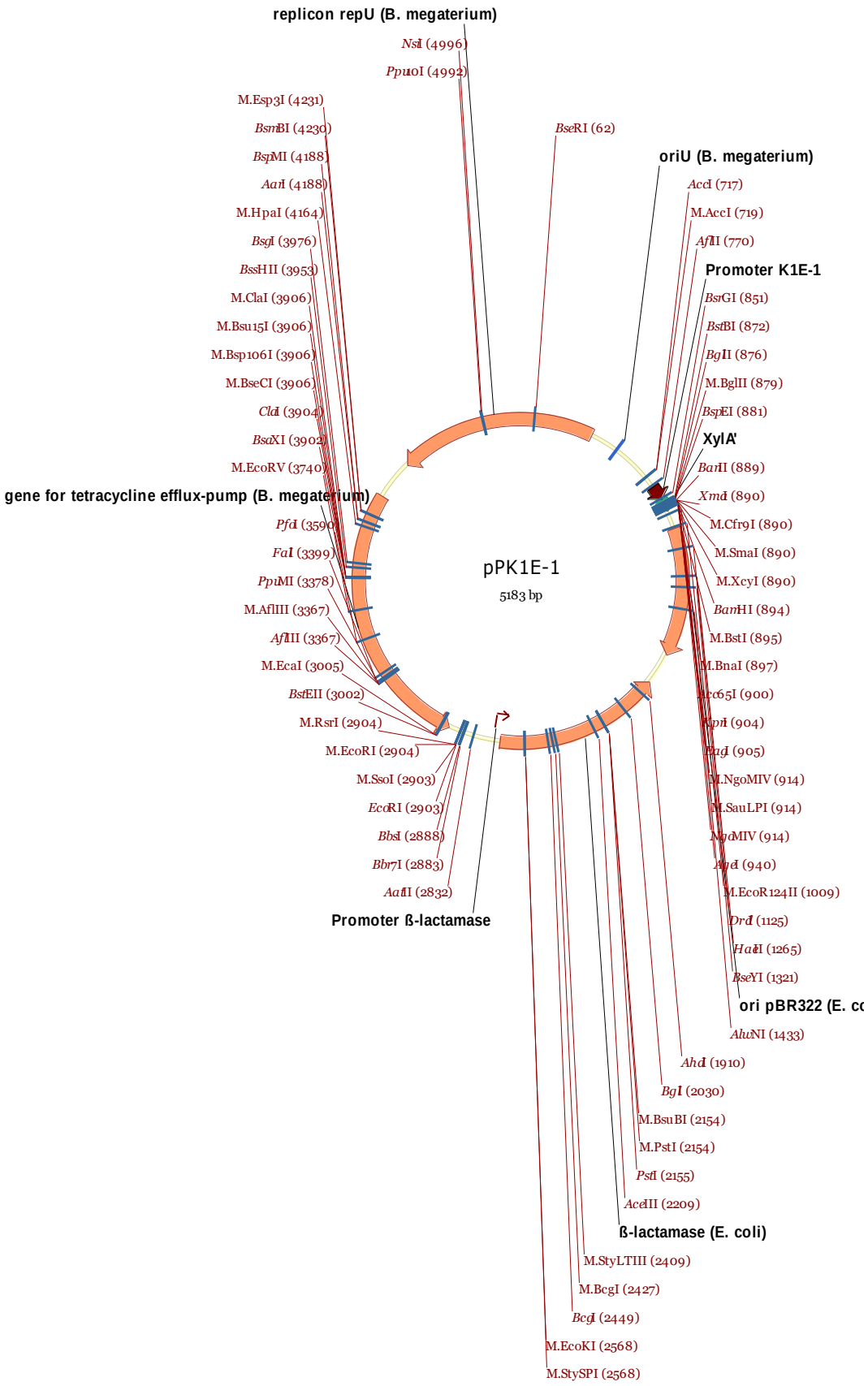
pPK1E-1
5183 bp
replicon repU (B. megaterium)
NsiI (4996)
PpuMI (4992)
M.Esp3I (4231)
BsmBI (4230)
BspMI (4188)
AanI (4188)
M.HpaI (4164)
BsgI (3976)
BssHII (3953)
M.ClaI (3906)
M.Bsu15I (3906)
M.Bsp106I (3906)
M.BseCI (3906)
ClaI (3904)
BsaXI (3902)
M.EcoRV (3740)
gene for tetracycline efflux-pump (B. megaterium)
PflMI (3590)
FatI (3399)
PpuMI (3378)
M.AflIII (3367)
AflIII (3367)
M.EcaI (3005)
BstEII (3002)
M.RsrI (2904)
M.EcoRI (2904)
M.SsoI (2903)
EcoRI (2903)
BbsI (2888)
Bbr7I (2883)
AatII (2832)
Promoter ß-lactamase
BseRI (62)
oriU (B. megaterium)
AccI (717)
M.AccI (719)
AflII (770)
Promoter K1E-1
BsrGI (851)
BstBI (872)
BglII (876)
M.BglII (879)
BspEI (881)
XylA'
BanII (889)
XmaI (890)
M.Cfr9I (890)
M.SmaI (890)
M.XcyI (890)
BamHI (894)
M.BstI (895)
M.BnaI (897)
Acc65I (900)
KpnI (904)
BagI (905)
M.NgoMIV (914)
M.SauLPI (914)
NgoMIV (914)
AvaI (940)
M.EcoR124II (1009)
OrdI (1125)
HaeII (1265)
BseYI (1321)
ori pBR322 (E. co
AluNI (1433)
AhdI (1910)
BglI (2030)
M.BsuBI (2154)
M.PstI (2154)
PstI (2155)
AceIII (2209)
ß-lactamase (E. coli)
M.StyLTIII (2409)
M.BcgI (2427)
BcgI (2449)
M.EcoKI (2568)
M.StySPI (2568)