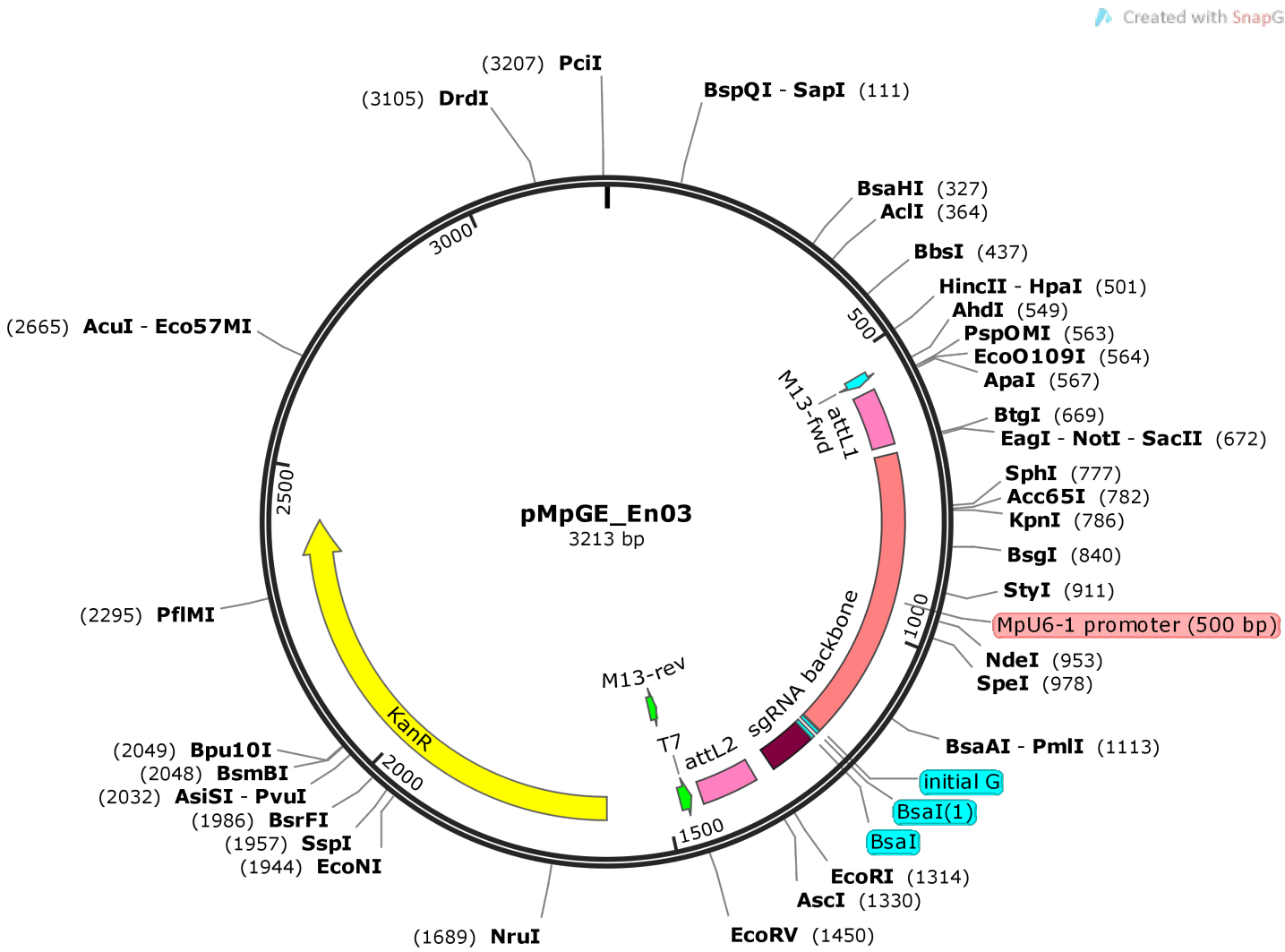
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(3207) PciI
(3105) DrdI
BspQI - SapI (111)
BsaHI (327)
AclI (364)
BbsI (437)
HincII - HpaI (501)
AhdI (549)
PspOMI (563)
EcoO109I (564)
ApaI (567)
BtgI (669)
EagI - NotI - SacII (672)
SphI (777)
Acc65I (782)
KpnI (786)
BsgI (840)
StyI (911)
MpU6-1 promoter (500 bp)
NdeI (953)
SpeI (978)
BsaAI - PmlI (1113)
initial G
BsaI(1)
BsaI
EcoRI (1314)
AscI (1330)
EcoRV (1450)
(1689) NruI
(1944) EcoNI
(1957) SspI
(1986) BsrFI
(2032) AsiSI - PvuI
(2048) BsmBI
(2049) Bpu10I
(2295) PflMI
(2665) AcuI - Eco57MI
500
1000
1500
2000
2500
3000
M13-fwd
attL1
sgRNA backbone
M13-rev
T7
attL2
KanR
pMpGE_En03
3213 bp