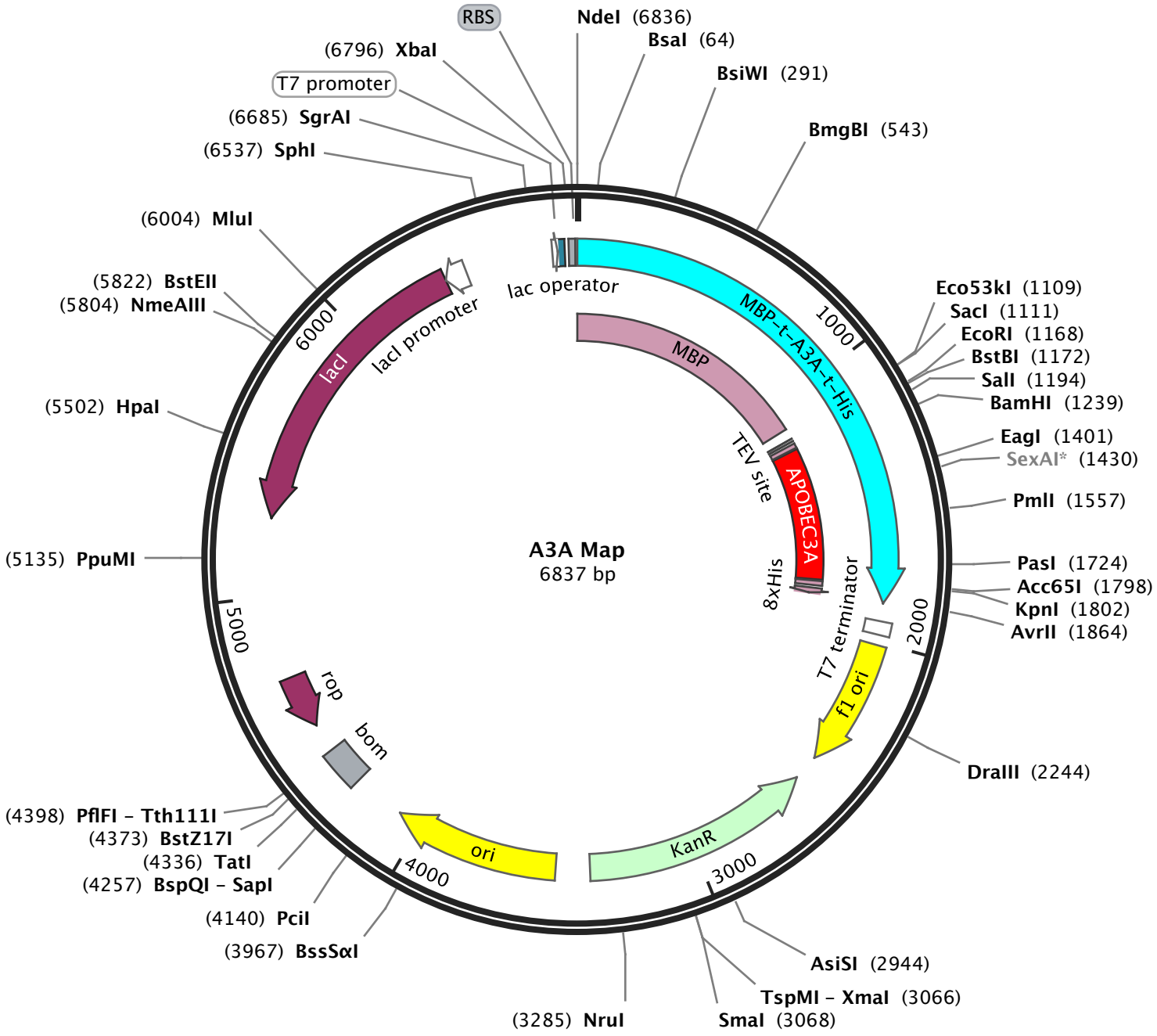
RBS
NdeI (6836)
BsaI (64)
BsiWI (291)
BmgBI (543)
(6796) XbaI
T7 promoter
(6685) SgrAI
(6537) SphI
(6004) MluI
(5822) BstEII
(5804) NmeAIII
(5502) HpaI
(5135) PpuMI
lac operator
MBP-t-A3A-t-His
MBP
TEV site
APOBEC3A
8xHis
T7 terminator
f1 ori
lacI promoter
lacI
rop
bom
ori
KanR
1000
2000
3000
4000
5000
6000
Eco53kI (1109)
SacI (1111)
EcoRI (1168)
BstBI (1172)
SalI (1194)
BamHI (1239)
EagI (1401)
SexAI* (1430)
PmlI (1557)
PasI (1724)
Acc65I (1798)
KpnI (1802)
AvrII (1864)
DraIII (2244)
AsiSI (2944)
TspMI – XmaI (3066)
SmaI (3068)
(3285) NruI
(4398) PflFI – Tth111I
(4373) BstZ17I
(4336) TatI
(4257) BspQI – SapI
(4140) PciI
(3967) BssSαI
A3A Map
6837 bp