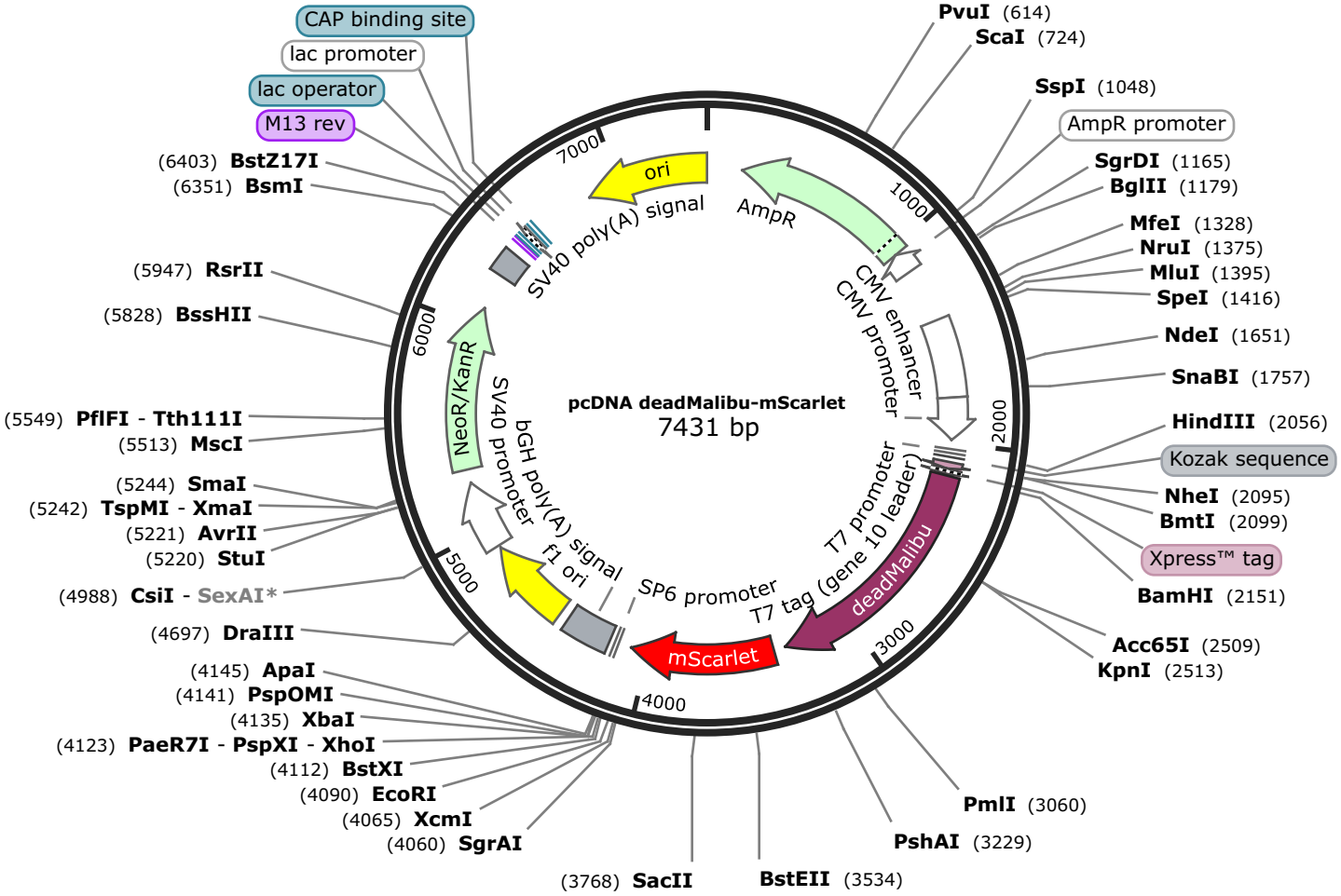
pcDNA deadMalibu-mScarlet
7431 bp
1000
2000
3000
4000
5000
6000
7000
ori
AmpR
CMV enhancer
CMV promoter
T7 promoter
T7 tag (gene 10 leader)
deadMalibu
mScarlet
SP6 promoter
f1 ori
bGH poly(A) signal
SV40 promoter
NeoR/KanR
SV40 poly(A) signal
CAP binding site
lac promoter
lac operator
M13 rev
AmpR promoter
Kozak sequence
Xpress™ tag
PvuI (614)
ScaI (724)
SspI (1048)
SgrDI (1165)
BglII (1179)
MfeI (1328)
NruI (1375)
MluI (1395)
SpeI (1416)
NdeI (1651)
SnaBI (1757)
HindIII (2056)
NheI (2095)
BmtI (2099)
BamHI (2151)
Acc65I (2509)
KpnI (2513)
PmlI (3060)
PshAI (3229)
BstEII (3534)
(3768) SacII
(4060) SgrAI
(4065) XcmI
(4090) EcoRI
(4112) BstXI
(4123) PaeR7I - PspXI - XhoI
(4135) XbaI
(4141) PspOMI
(4145) ApaI
(4697) DraIII
(4988) CsiI - SexAI*
(5220) StuI
(5221) AvrII
(5242) TspMI - XmaI
(5244) SmaI
(5513) MscI
(5549) PflFI - Tth111I
(5828) BssHII
(5947) RsrII
(6351) BsmI
(6403) BstZ17I