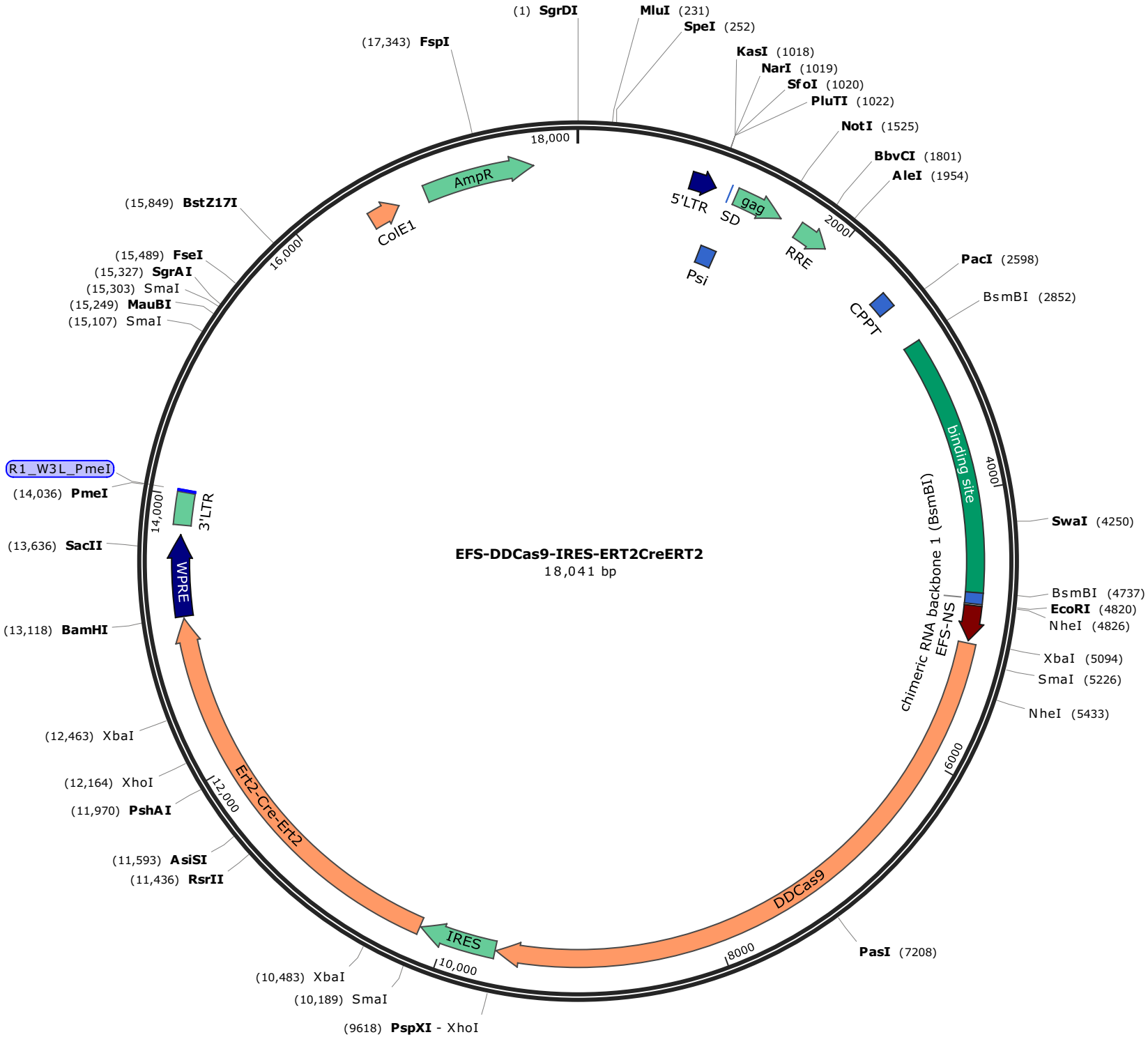
EFS-DDCas9-IRES-ERT2CreERT2
18,041 bp
(1) SgrDI
MluI (231)
SpeI (252)
KasI (1018)
NarI (1019)
SfoI (1020)
PluTI (1022)
NotI (1525)
BbvCI (1801)
AleI (1954)
PacI (2598)
BsmBI (2852)
SwaI (4250)
BsmBI (4737)
EcoRI (4820)
NheI (4826)
XbaI (5094)
SmaI (5226)
NheI (5433)
PasI (7208)
(9618) PspXI - XhoI
(10,189) SmaI
(10,483) XbaI
(11,436) RsrII
(11,593) AsiSI
(11,970) PshAI
(12,164) XhoI
(12,463) XbaI
(13,118) BamHI
(13,636) SacII
(14,036) PmeI
R1_W3L_PmeI
(15,107) SmaI
(15,249) MauBI
(15,303) SmaI
(15,327) SgrAI
(15,489) FseI
(15,849) BstZ17I
(17,343) FspI
18,000
2000
4000
6000
8000
10,000
12,000
14,000
16,000
AmpR
ColE1
5'LTR
SD
gag
RRE
Psi
CPPT
binding site
chimeric RNA backbone 1 (BsmBI)
EFS-NS
DDCas9
IRES
Ert2-Cre-Ert2
WPRE
3'LTR