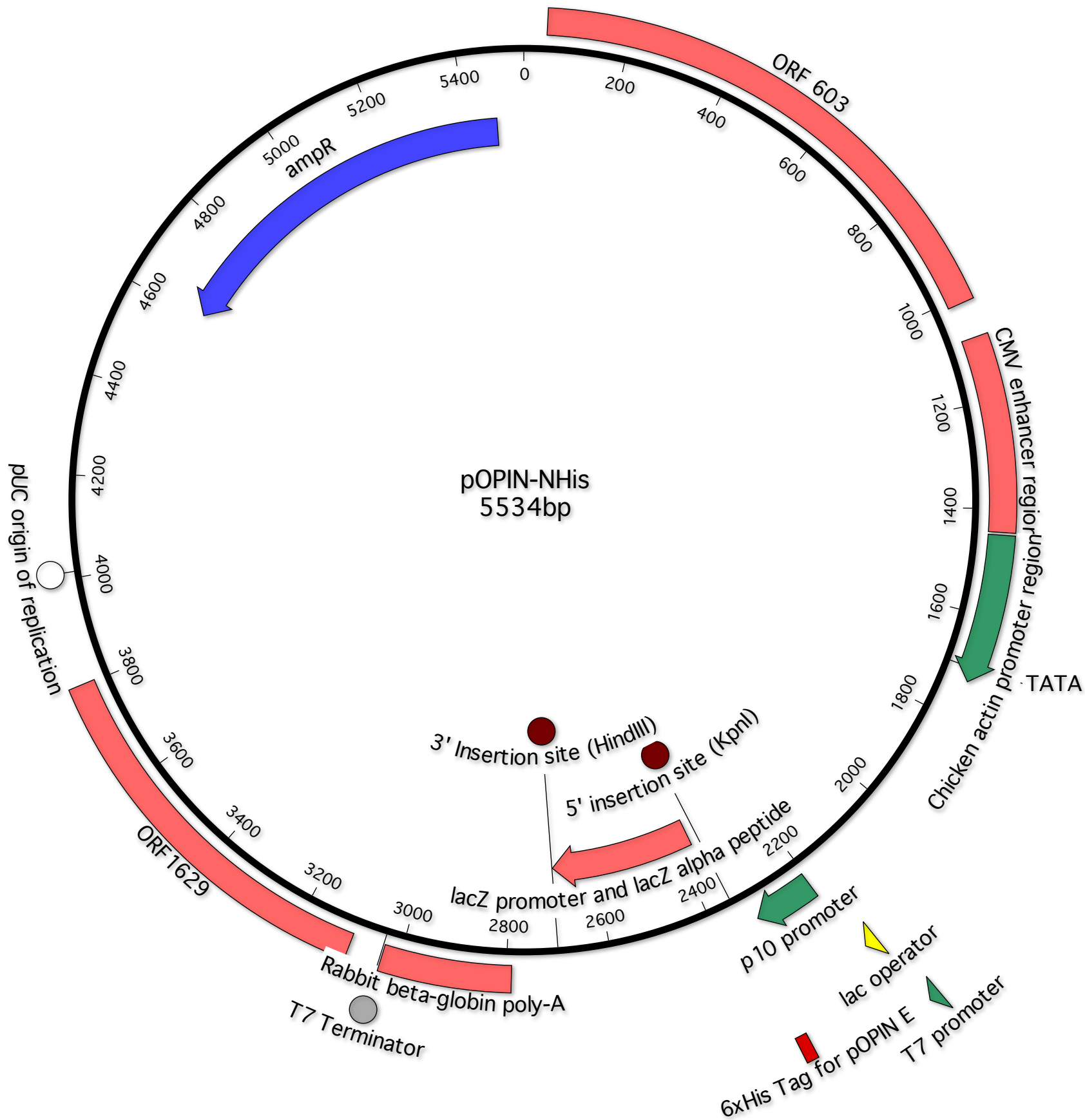
pOPIN-NHis
5534bp
ORF 603
CMV enhancer region
Chicken actin promoter region
TATA
p10 promoter
lac operator
T7 promoter
6xHis Tag for pOPIN E
lacZ promoter and lacZ alpha peptide
5' insertion site (KpnI)
3' Insertion site (HindIII)
Rabbit beta-globin poly-A
T7 Terminator
ORF1629
pUC origin of replication
ampR
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
2600
2800
3000
3200
3400
3600
3800
4000
4200
4400
4600
4800
5000
5200
5400