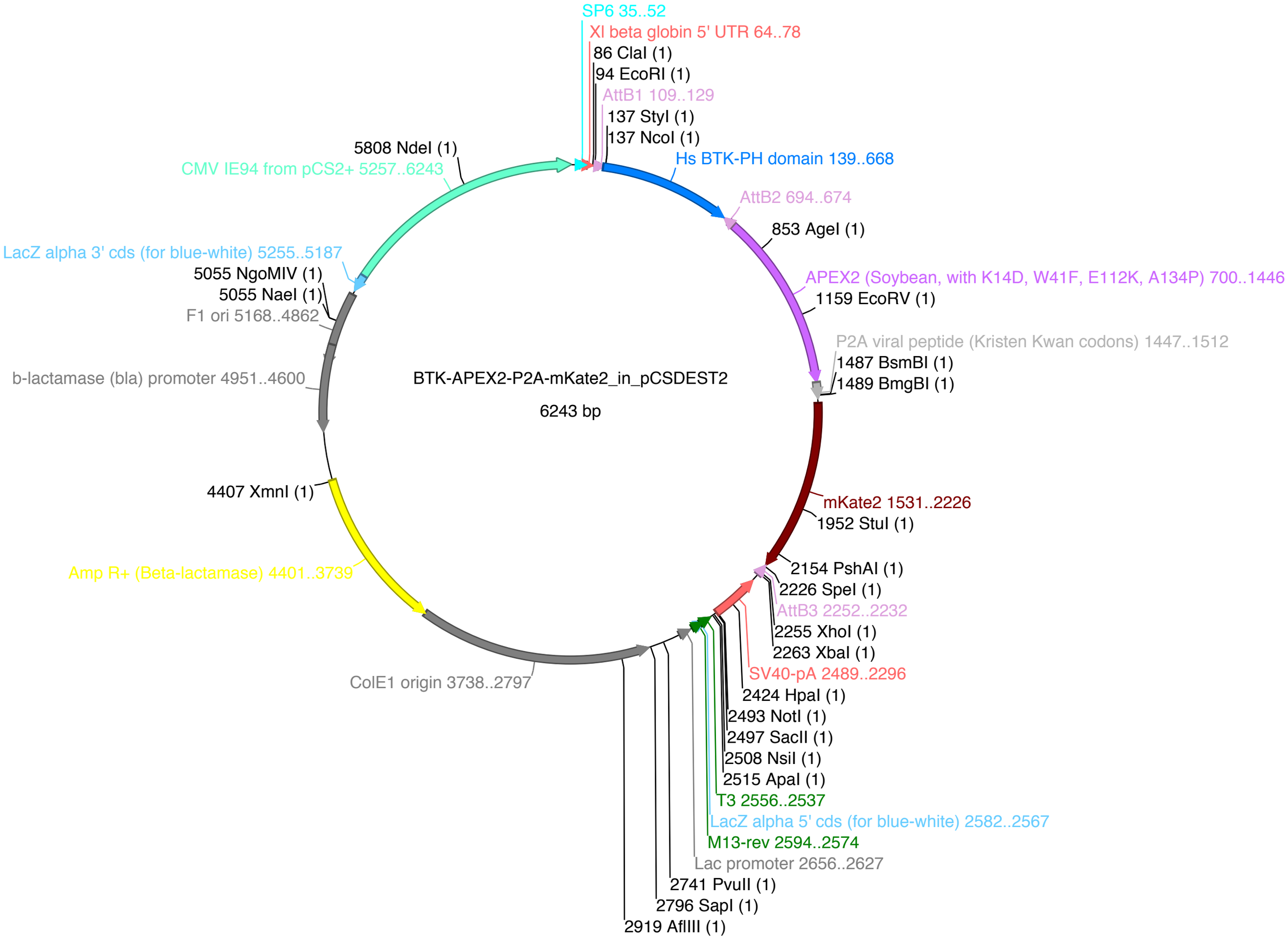
SP6 35..52
Xl beta globin 5' UTR 64..78
86 ClaI (1)
94 EcoRI (1)
AttB1 109..129
137 StyI (1)
137 NcoI (1)
Hs BTK-PH domain 139..668
AttB2 694..674
853 AgeI (1)
APEX2 (Soybean, with K14D, W41F, E112K, A134P) 700..1446
1159 EcoRV (1)
P2A viral peptide (Kristen Kwan codons) 1447..1512
1487 BsmBI (1)
1489 BmgBI (1)
mKate2 1531..2226
1952 StuI (1)
2154 PshAI (1)
2226 SpeI (1)
AttB3 2252..2232
2255 XhoI (1)
2263 XbaI (1)
SV40-pA 2489..2296
2424 HpaI (1)
2493 NotI (1)
2497 SacII (1)
2508 NsiI (1)
2515 ApaI (1)
T3 2556..2537
LacZ alpha 5' cds (for blue-white) 2582..2567
M13-rev 2594..2574
Lac promoter 2656..2627
2741 PvuII (1)
2796 SapI (1)
2919 AflIII (1)
ColE1 origin 3738..2797
Amp R+ (Beta-lactamase) 4401..3739
4407 XmnI (1)
b-lactamase (bla) promoter 4951..4600
F1 ori 5168..4862
5055 NaeI (1)
5055 NgoMIV (1)
LacZ alpha 3' cds (for blue-white) 5255..5187
CMV IE94 from pCS2+ 5257..6243
5808 NdeI (1)
BTK-APEX2-P2A-mKate2_in_pCSDEST2
6243 bp