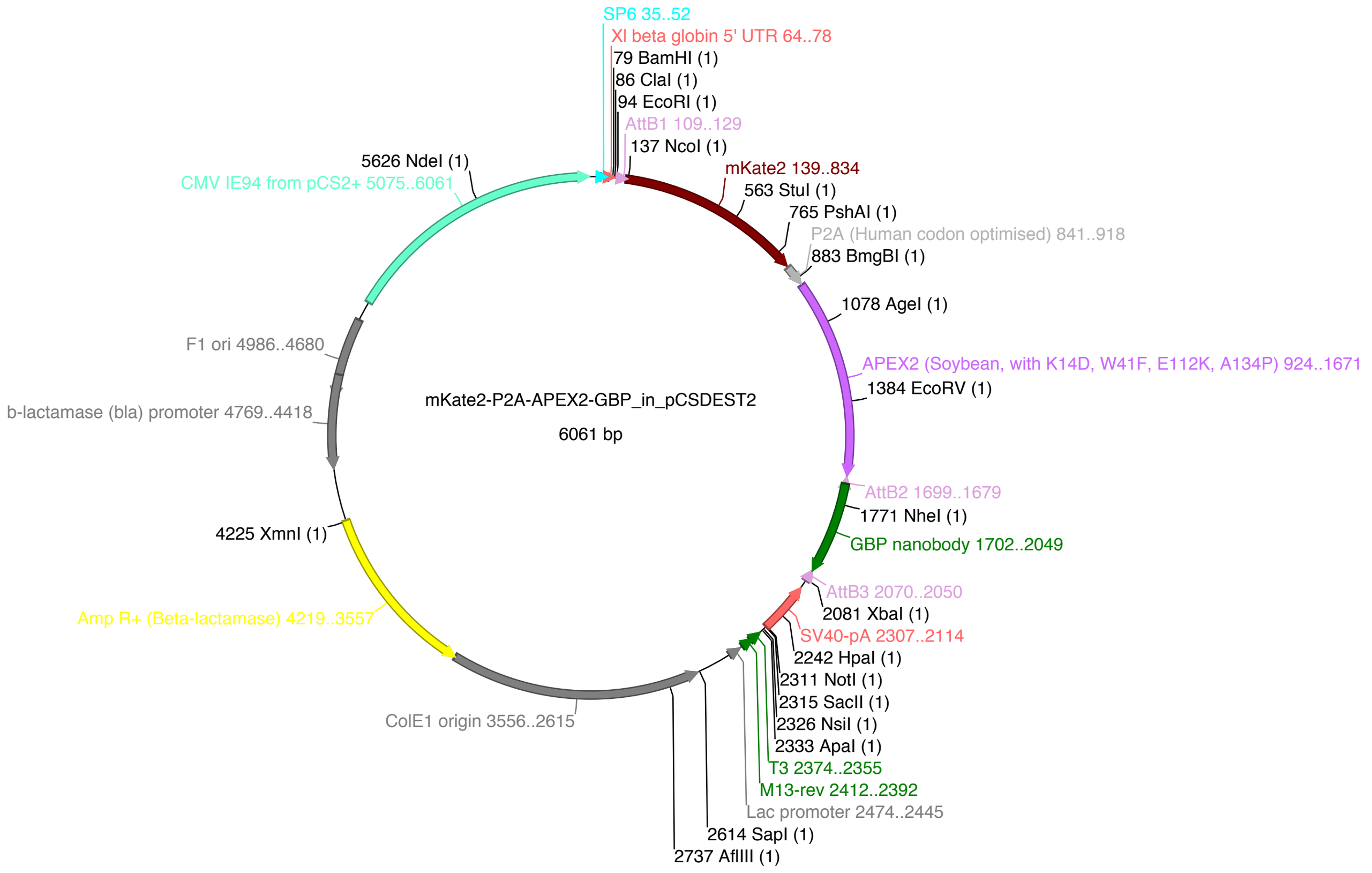
SP6 35..52
XI beta globin 5' UTR 64..78
79 BamHI (1)
86 ClaI (1)
94 EcoRI (1)
AttB1 109..129
137 NcoI (1)
mKate2 139..834
563 StuI (1)
765 PshAI (1)
P2A (Human codon optimised) 841..918
883 BmgBI (1)
1078 AgeI (1)
APEX2 (Soybean, with K14D, W41F, E112K, A134P) 924..1671
1384 EcoRV (1)
AttB2 1699..1679
1771 NheI (1)
GBP nanobody 1702..2049
AttB3 2070..2050
2081 XbaI (1)
SV40-pA 2307..2114
2242 HpaI (1)
2311 NotI (1)
2315 SacII (1)
2326 NsiI (1)
2333 ApaI (1)
T3 2374..2355
M13-rev 2412..2392
Lac promoter 2474..2445
2614 SapI (1)
2737 AflIII (1)
ColE1 origin 3556..2615
Amp R+ (Beta-lactamase) 4219..3557
4225 XmnI (1)
b-lactamase (bla) promoter 4769..4418
F1 ori 4986..4680
5626 NdeI (1)
CMV IE94 from pCS2+ 5075..6061
mKate2-P2A-APEX2-GBP_in_pCSDEST2
6061 bp