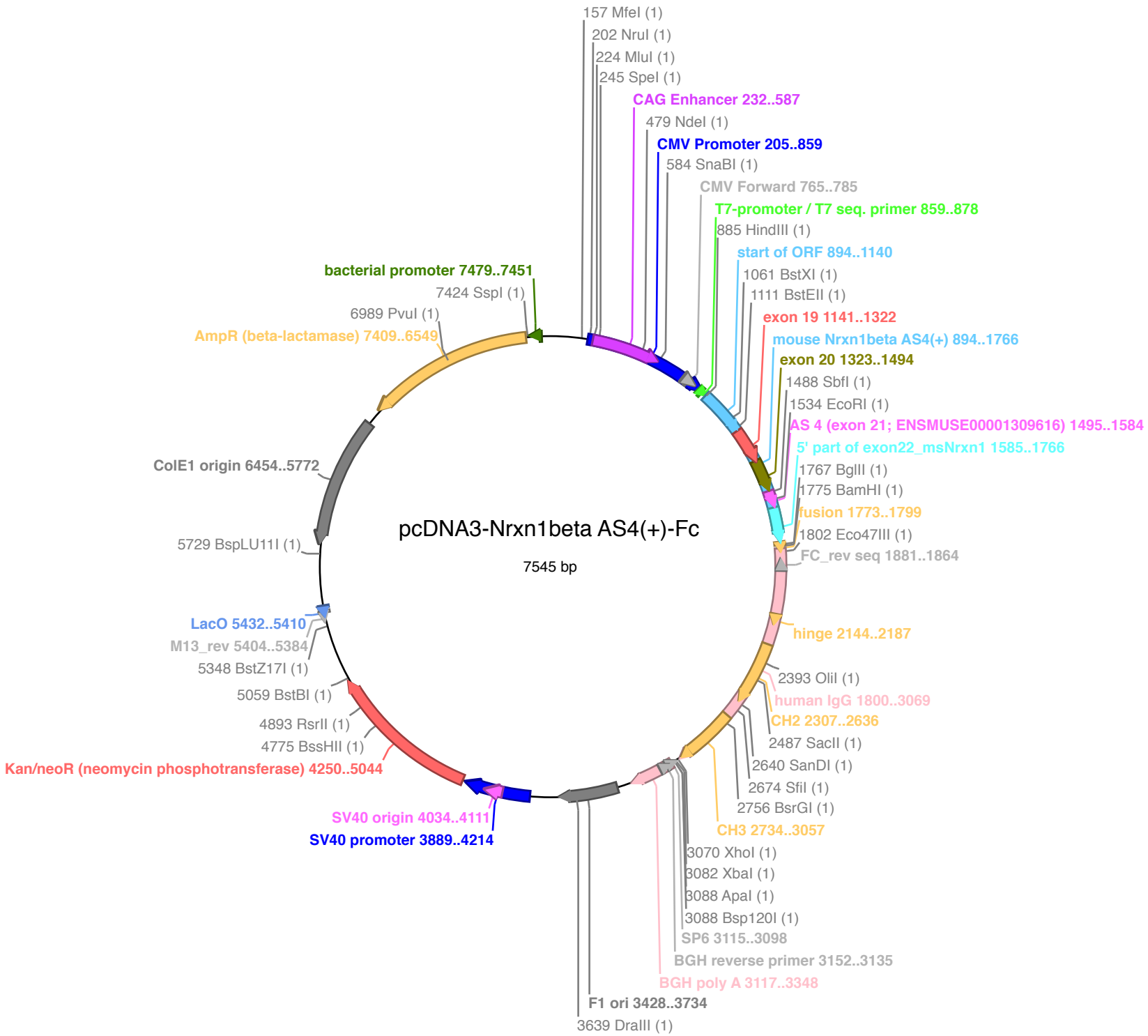
pcDNA3-Nrxn1beta AS4(+)-Fc
7545 bp
157 MfeI (1)
202 NruI (1)
224 MluI (1)
245 SpeI (1)
CAG Enhancer 232..587
479 NdeI (1)
CMV Promoter 205..859
584 SnaBI (1)
CMV Forward 765..785
T7-promoter / T7 seq. primer 859..878
885 HindIII (1)
start of ORF 894..1140
1061 BstXI (1)
1111 BstEII (1)
exon 19 1141..1322
mouse Nrxn1beta AS4(+) 894..1766
exon 20 1323..1494
1488 SbfI (1)
1534 EcoRI (1)
AS 4 (exon 21; ENSMUSE00001309616) 1495..1584
5' part of exon22_msNrxn1 1585..1766
1767 BglII (1)
1775 BamHI (1)
fusion 1773..1799
1802 Eco47III (1)
FC_rev seq 1881..1864
hinge 2144..2187
2393 OliI (1)
human IgG 1800..3069
CH2 2307..2636
2487 SacII (1)
2640 SanDI (1)
2674 SfiI (1)
2756 BsrGI (1)
CH3 2734..3057
3070 XhoI (1)
3082 XbaI (1)
3088 ApaI (1)
3088 Bsp120I (1)
SP6 3115..3098
BGH reverse primer 3152..3135
BGH poly A 3117..3348
F1 ori 3428..3734
3639 DraIII (1)
SV40 promoter 3889..4214
SV40 origin 4034..4111
Kan/neoR (neomycin phosphotransferase) 4250..5044
4775 BssHII (1)
4893 RsrII (1)
5059 BstBI (1)
5348 BstZ17I (1)
M13_rev 5404..5384
LacO 5432..5410
5729 BspLU11I (1)
ColE1 origin 6454..5772
AmpR (beta-lactamase) 7409..6549
6989 PvuI (1)
7424 SspI (1)
bacterial promoter 7479..7451