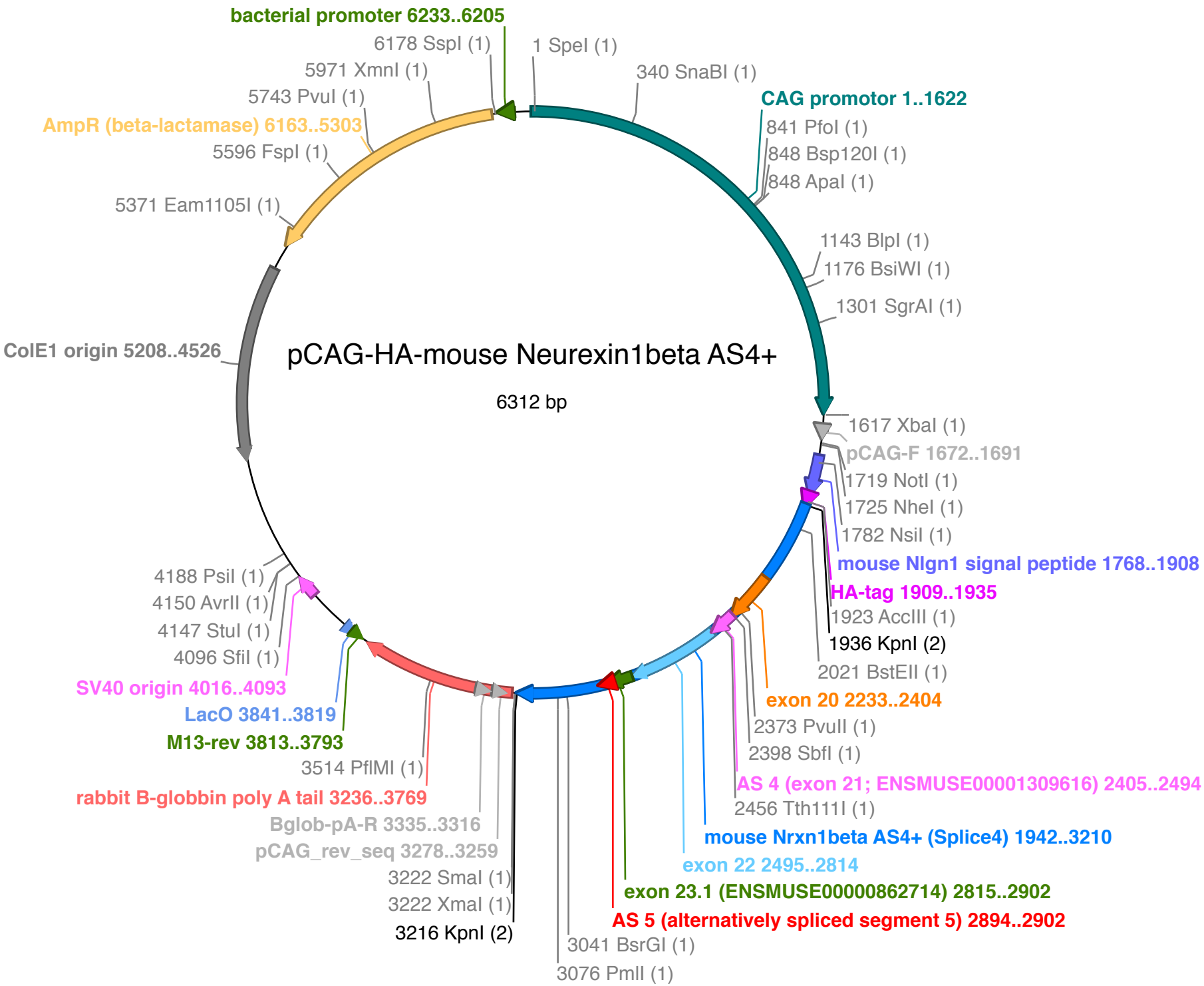
pCAG-HA-mouse Neurexin1beta AS4+
6312 bp
bacterial promoter 6233..6205
6178 SspI (1)
1 SpeI (1)
340 SnaBI (1)
5971 XmnI (1)
5743 PvuI (1)
AmpR (beta-lactamase) 6163..5303
5596 FspI (1)
5371 Eam1105I (1)
CAG promotor 1..1622
841 PfoI (1)
848 Bsp120I (1)
848 ApaI (1)
1143 BlpI (1)
1176 BsiWI (1)
1301 SgrAI (1)
ColE1 origin 5208..4526
1617 XbaI (1)
pCAG-F 1672..1691
1719 NotI (1)
1725 NheI (1)
1782 NsiI (1)
mouse Nlgn1 signal peptide 1768..1908
HA-tag 1909..1935
1923 AccIII (1)
1936 KpnI (2)
2021 BstEII (1)
exon 20 2233..2404
2373 PvuII (1)
2398 SbfI (1)
AS 4 (exon 21; ENSMUSE00001309616) 2405..2494
2456 Tth111I (1)
mouse Nrxn1beta AS4+ (Splice4) 1942..3210
exon 22 2495..2814
exon 23.1 (ENSMUSE00000862714) 2815..2902
AS 5 (alternatively spliced segment 5) 2894..2902
3041 BsrGI (1)
3076 PmlI (1)
3216 KpnI (2)
3222 XmaI (1)
3222 SmaI (1)
pCAG_rev_seq 3278..3259
Bglob-pA-R 3335..3316
rabbit B-globbin poly A tail 3236..3769
3514 PflMI (1)
M13-rev 3813..3793
LacO 3841..3819
SV40 origin 4016..4093
4096 SfiI (1)
4147 StuI (1)
4150 AvrII (1)
4188 PsiI (1)