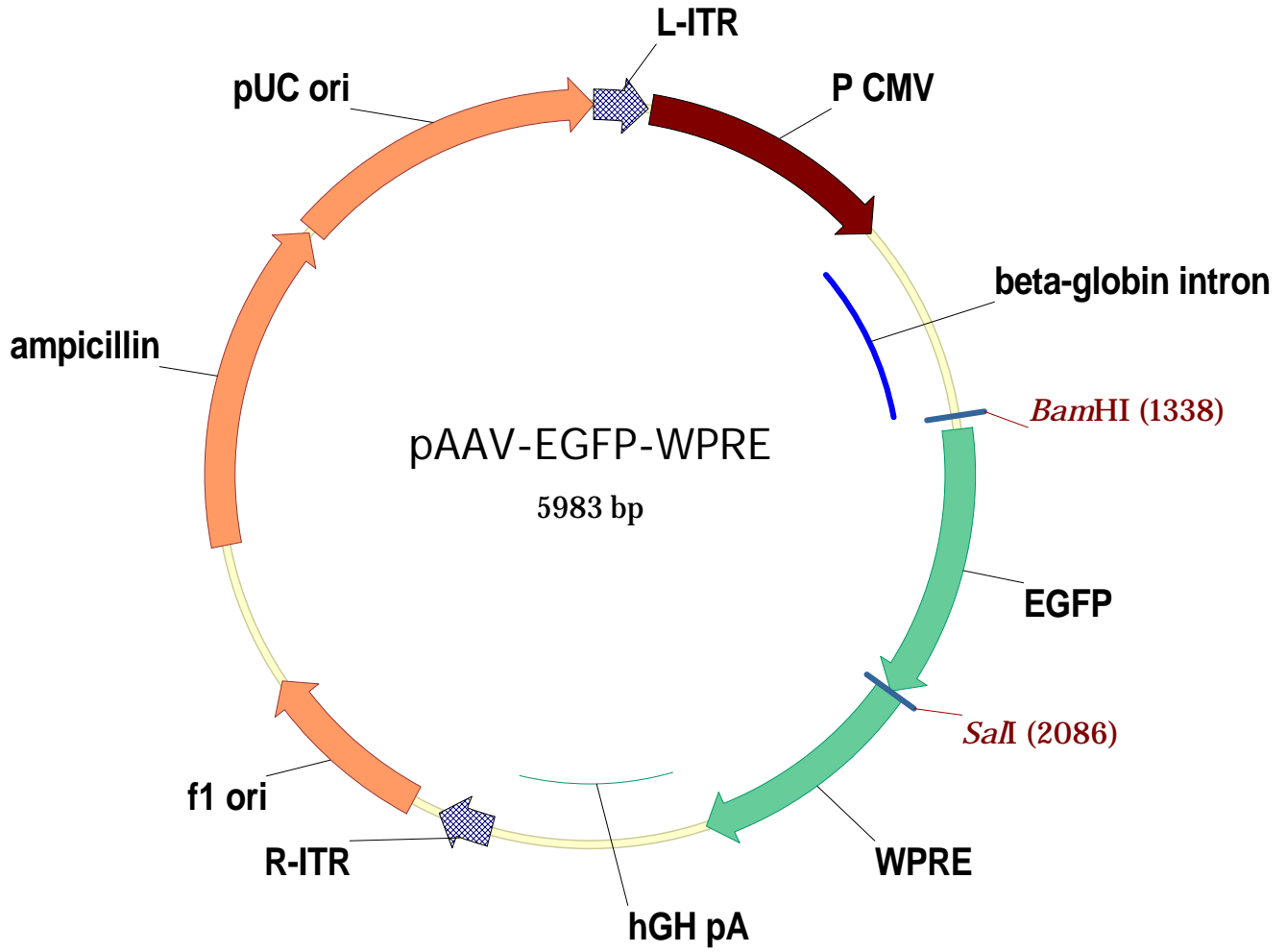
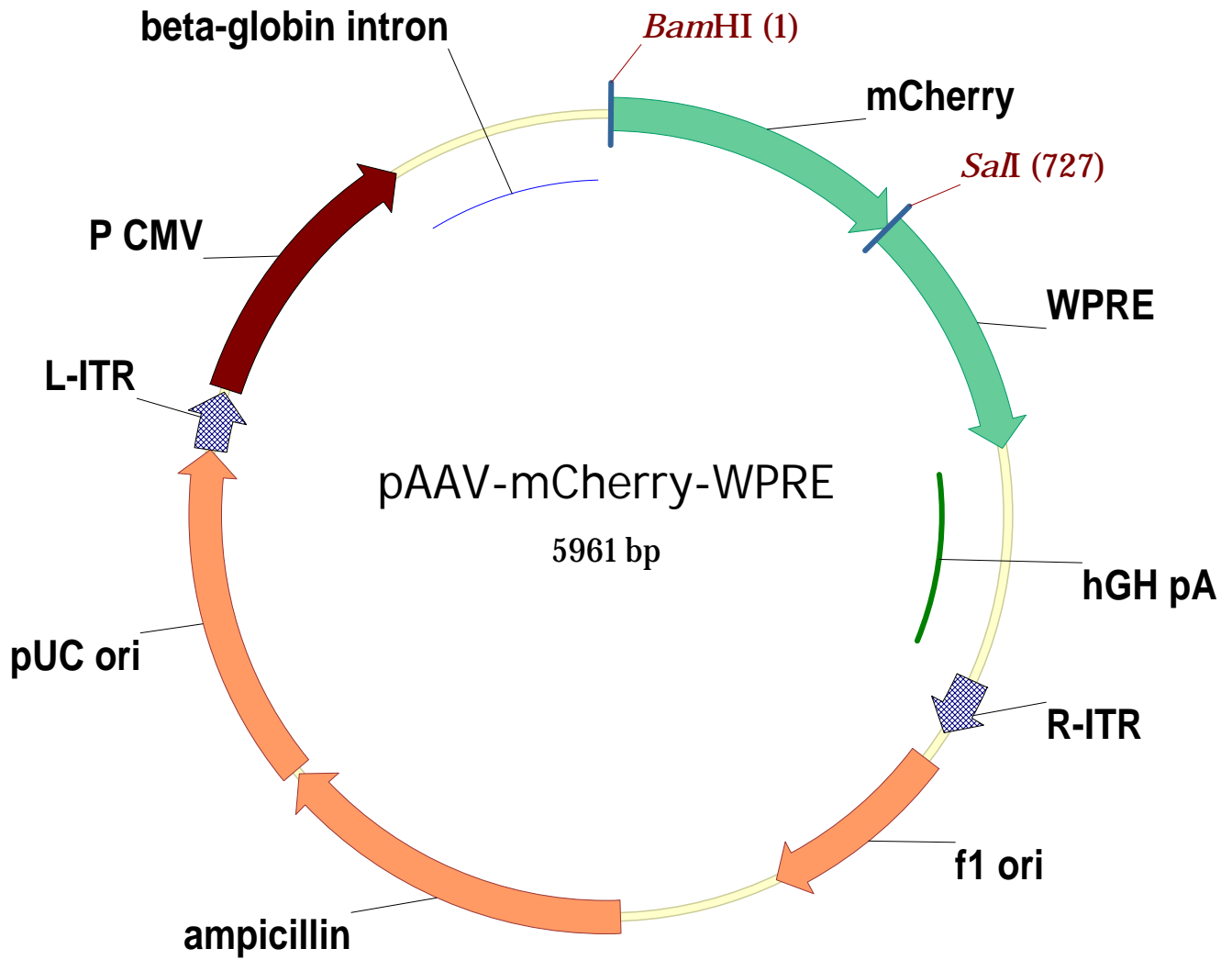


pAAV-EGFP-WPRE





left inverted terminal repeat 1–141

CMV promoter 150–812

β-globin intron 820–1312

multiple cloning site 1319–1394

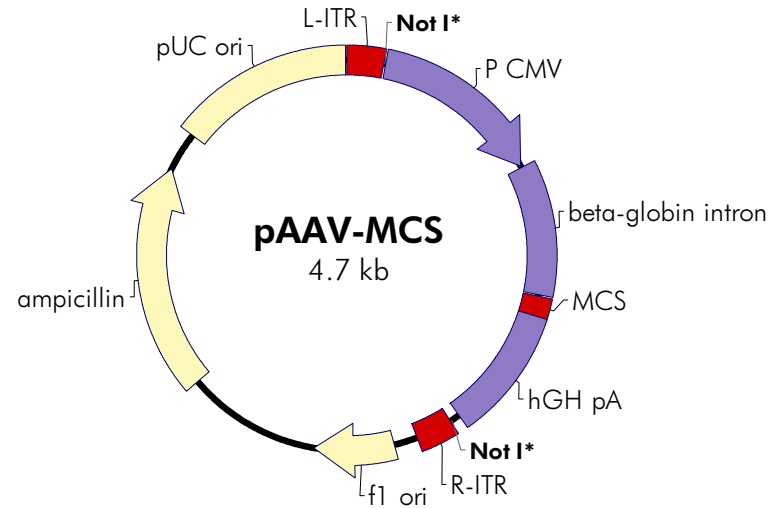
hGH polyA 1395–1873

right inverted terminal repeat 1913–2053

f1 origin 2145–2451

ampicillin resistance (*bla*) ORF 2970–3827

pUC origin 3978–4645



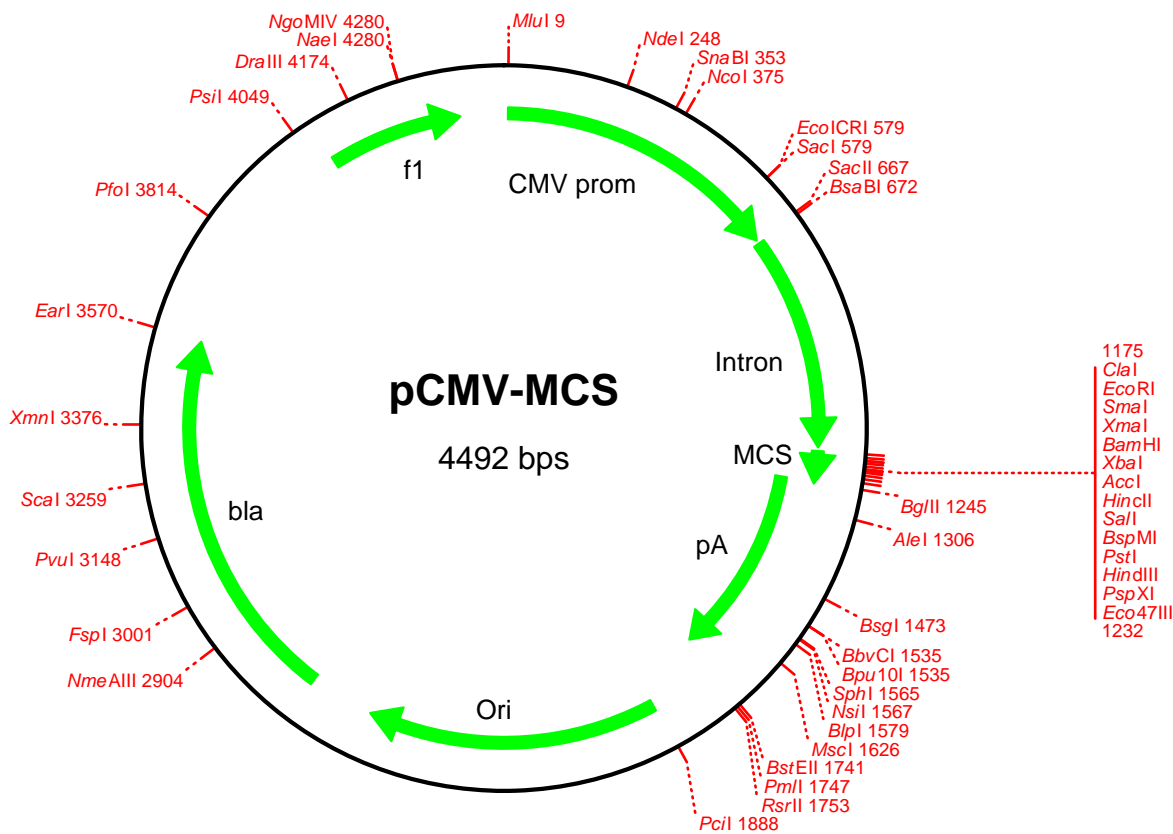
*Non-unique sites used to release the expression cassette

pAAV-MCS Multiple Cloning Site Region (sequence shown 1319–1394)

Sal I
Acc I
Hinc II
Xho I ‡
Bgl II

Cla I EcoRI BamHI Xba I Hind III

ATCGATTGAATTCCTCCCGGGGATCCTCTAGAGTTCGACCTGCAGAAGCTTGCCTCGAGCAGCGCTGCTCGAGAGATCT



Molecule: pCMV-MCS, 4492 bps DNA Circular
 File Name: pCMV-MCS.cm5, dated 09 Jul 2009

Description:

Notes: GenBank 4492 bp DNA circular

Molecule Features:

Start	End	Name	Feature Key	Draw As
9	667	CMV prom		Gene
675	1167	Intron		Gene
1175	1250	MCS		Gene
1246	1732	pA		Gene
1893	2560	Ori		Gene
2708	3568	bla		Gene
4087	4393	f1		Gene

Enzymes (46 sites)

MluI	9,	NdeI	248,	SnaBI	353,	NcoI	375
EcoICRI	579,	SacI	579,	SacII	667,	BsaBI	672
ClaI	1175,	EcoRI	1182,	SmaI	1188,	XmaI	1188
BamHI	1193,	XbaI	1199,	AccI	1205,	HincII	1205

SalI	1205,	BspMI	1209,	PstI	1211,	HindIII	1217
PspXI	1224,	Eco47III	1232,	BglII	1245,	AleI	1306
BsgI	1473,	BbvCI	1535,	Bpu10I	1535,	SphI	1565
NsiI	1567,	BlpI	1579,	MscI	1626,	BstEII	1741
PmlI	1747,	RsrII	1753,	PciI	1888,	NmeAIII	2904
FspI	3001,	PvuI	3148,	ScaI	3259,	XmnI	3376
EarI	3570,	PfoI	3814,	PsiI	4049,	DraIII	4174
NaeI	4280,	NgoMIV	4280,				