







Molecule: pLV-Lac, 9891 bps DNA Circular  
 File Name: pLV-Lac.cm5, dated 25 Jul 2008

Description: pLV-Lac

Notes: GenBankSequence sequence 9891 bp DNA circular SYN 08/29/2007

From:  
 Pfeifer A, Brandon EP, Kootstra N, Gage FH, Verma IM  
 Delivery of the Cre recombinase by a self-deleting lentiviral vector:  
 efficient gene targeting in vivo.  
 Proc Natl Acad Sci U S A. 2001 Sep 25. 98(20):11450-5.

Molecule Features:

Start	End	Name	Feature Key	Draw As
62	90	Amp Prom		Gene
132	992	Ampicillin		Gene
1147	1766	Ori		Gene
2075	2104	Lac Prom		Gene
2174	2193	T3		Gene
2448	2628	LTR		Gene
2736	2780	Psi		Gene
3168	3668	ORF-5		Gene

3290	3523	RRE	Gene
3629	4171	ORF-3	Gene
4016	4031	cPPT	Gene
4149	4653	CMV Prom	Gene
4156	4443	CAG enhancer	Gene
4611	4680	CMV Prom	Gene
4751	7903	LacZ	Gene
7959	8534	WPRE	Gene
8047	8571	ORF-4	Gene
8615	8630	cPPT	Gene
8615	8636	U3	Gene
8632	8648	delU3	Gene
8685	8865	LTR	Gene
8940	9059	pA	Gene
9077	9154	Ori	Gene
9263	9245 C	T7	Gene
9451	9757	f1	Gene

Enzymes (29 sites)

ScaI	436,	AhdI	914,	SphI	2306,	BbeI	2631
KasI	2631,	NarI	2631,	SfoI	2631,	NruI	2822
EcoNI	3153,	MunI	3176,	BbvCI	3410,	BstAPI	3434
SanDI	3919,	SnaBI	4429,	XbaI	4730,	Bsu36I	5066
EcoRV	5954,	BclI	6189,	Eco47III	6676,	Bst1107I	7606
BsiWI	7614,	BlpI	7855,	SalI	7951,	SacII	8457
Acc65I	8561,	KpnI	8561,	SfiI	9157,	StuI	9208
BlnI	9211,						





