BAC Recombineering Vectors														
Designation	Lab Member	Length (bp)	Vector	Insert	Description	Classification	Specify "Other"	Date Created	Date Received	Stock Location	Antibiotic Resistance	Bacterial Strain	Eukaryotic Selection Marker	Construct Map
						Genomic Clones cDNAs Reporter Constructs Vectors	If "Other," please specify here.	mm/dd/yy	mm/dd/yy (if received from collaborator)					
pIGCN21	JIE LU	7000			a vector containing the IRES- eGFPcre-FRT-kan-FRT cassette							DH5a	Knamycin resistance (50 mg/ml)	
pELO4	JIE LU	5000			a vector containing the Cam-sacB cassette							DH5a	12.5 mg/ml chlorampheni col	
pTamp PL451	JIE LU	7000 5000			a vector containing an Amp A plasmid containing a neo cassette flanked by two frt sites and one loxP site. The neo gene is expressed both from a prokaryotic promoter (em7) and a eucaryotic promoter (Pgk): Frt- Pgk-em7-Neo-Frt-loxP							DH5a DH5a	amp+	
PL452	JIE LU	5000			A plasmid containing a neo cassette flanked by two loxP sites. The neo gene is expressed both from a prokaryotic promoter (em7) and a eucaryotic promoter (Pgk): loxP-Pgk-em7-Neo-loxP.							DH5a	amp+	
PL253	JIE LU	5800			A pBluescript-derived plasmid for retrieval of DNA from a BAC. This plasmid contains an <i>Mc1</i> -driven Thymidine Kinase (<i>TK</i>) cassette for negative selection in ES cells. Retrieval of DNA into this vector from a BAC is the first step in the construction of a gene targeting vector.							DH5a	amp+	
pgalK	JIE LU	4176	pBlue sk		a vector containing an em7- driven galK cassette for use in galKbased BAC modification using positive/negative selection							DH5a	amp+	