Table S2. Primers

Primer location	Function	Sequence (5'-3')
Ll.LtrB 5' end (-) strand	RT of splice junction and PCR of 5' junctions of reverse splicing	CGATTGTCTTTAGGTAACTCAT
Ll.LtrB 5' end (+) strand	PCR of circle splice junction	TTAAACTACTTGACTTAACACCC
Ll.LtrB 3' end (-) strand	PCR of circle splice junction	TGTGAACAAGGCGGTACCTC
alaS 5' end (+) strand	Cloning *alaS* gene for overexpression	AAAAGCGCGCGTGGTACCGCGGTATAACTGT
alaS 3' end (-) strand	Cloning *alaS* gene for overexpression	AAAAGCGCGCCTATCCTAATTTTTCAGCAACAGC
enoA 5' end (+) strand	Cloning *enoA* gene for overexpression	AAAAGCGCGCTGTATTAAGAGTGCAGACGCAC
enoA 3' end (-) strand	Cloning *enoA* gene for overexpression	AAAAGCGCGCTTAATGCATTTTTTTAAGGTTGTAGAATGCTTTAA
alaS 3' end (-) strand	RT to screen for *ltrB* E1-*alaS* chimeras	CCAATCCAGCCACTTCGCTC
alaS 3' end (-) strand	PCR to screen for *ltrB* E1-*alaS* chimeras	CTGTCACAGCAATAATCCGGC
ltrB-E1 3' end (+) strand	PCR to screen for *ltrB* E1-*alaS*/*enoA* chimeras	TTGGTCATCACCTCATCCAATC
enoA 3' end (-) strand	RT to screen for *ltrB* E1-*enoA* chimeras, PCR for 3' junction of Ll.LtrB reverse splicing in *enoA*	CATAACGCCATCTTCACCAGC
enoA 3' end (-) strand	PCR to screen for *ltrB* E1-*enoA* chimeras	TAACCAGCTGCTTCGATTGCTT
alaS 3' end (-) strand	RT of 5' and 3' junctions of Ll.LtrB reverse splicing in *alaS*	CAACGATTTGTGAAGCTTGTGG
alaS 5' end (+) strand	PCR of 5' junction of Ll.LtrB reverse splicing in *alaS*	GGTCAAGTGGTGGCAACTGT
alaS 3' end (-) strand	PCR of 3' junction of Ll.LtrB reverse splicing in *alaS*	AACCAATCCAGCCACTTCGCT
Ll.LtrB 3' end (+) strand	PCR of 3' junction of Ll.LtrB reverse splicing in *alaS* and *enoA*	CTCTTGTTGTATGCTTTCATTG
enoA 3' end (-) strand	RT of 5' and 3' junctions of Ll.LtrB reverse splicing in *enoA*	GAATTCTGATGATGCACAGTCG
enoA 5' end (+) strand	PCR of 5' junction of Ll.LtrB reverse splicing in *enoA*	ATGATCGCTCTTGACGGTACT
Ll.LtrB 3' end (-) strand	PCR to remove branch point adenosine residue from Ll.LtrB-ΔLtrA	GGCGGTACCTCCCTCTTCACCATATCAT
Intron 5' end (+) strand	PCR to mutate the EBS1 sequence of Ll.LtrB	GTAAGTTATGCAACACGACTTATCTGTTATCACCACC
Intron 5' end (-) strand	PCR to mutate the EBS1 sequence of Ll.LtrB	CTTTCTTTGTACTAGAGGTTTC
ltrB-E1 3' end (+) strand	PCR to mutate the IBS1 sequence of *ltrB*-E1	TGAACACATCGTGTTGGTGCGCCCAGATAGGGTGTTAAG
ltrB-E1 3' end (-) strand	PCR to mutate the IBS1 sequence of *ltrB*-E1	CGATCGACGTGGGTTGCA