



**Comments for pLenti X2 Blast DEST
8784 nucleotides**

- bla promoter: bases 32-131
- ampicillin resistance gene: bases 132-992
- pUC origin: bases 1138-1810
- RSV/5LTR hybrid promoter: bases 2218-2628
- HIV-1 psi (Ψ) packaging signal: bases 2736-2781
- HIV-1 Rev response element (RRE): bases 3272-3525
- 3' splice acceptor: base 3862
- 3' splice acceptor: base 3901
- Central polypurine tract (cPPT): bases 4011-4073
- Woodchuck post-transcriptional element (PRE): bases 4182-4774
- SV40 promoter: bases 4823-5164
- EM7 promoter: bases 5205-5270
- Blasticidin resistance gene: bases 5271-5669
- Δ U3/3'LTR: bases 5690-7757
- attR2 site: bases 5923-5799
- ccdB gene: bases 6269-5964
- Chloramphenicol resistance gene (Cm): bases 7270-6611
- attR1 site: bases 7504-7380
- SV40 polyadenylation signal: bases 7829-7983

Recommended *E.coli* strain for propagation: DB3.1 or ccDB survival.

NOTE: The position of the genetic elements is approximative.