



**Comments for pLenti 6.2/N-Lumio™/V5-DEST
8956 nucleotides**

RSV/5' LTR hybrid promoter: bases 1-410

RSV promoter: bases 1-229

HIV-1 5' LTR: bases 230-410

5' splice donor: base 520

HIV-1 psi (ψ) packaging signal: bases 521-565

HIV-1 Rev response element (RRE): bases 1075-1308

3' splice acceptor: base 1656

3' splice acceptor: base 1684

CMV promoter: bases 1873-2390

ATG translation initiation: 2483-2485

Lumio™ tag: bases 2495-2512

V5 epitope: 2528-2569

attR1 site: bases 2582-2706

Chloramphenicol resistance gene (Cm^R): bases 2815-3474

ccdB gene: bases 3817-4121

attR2 site: bases 4162-4286

PGK promoter: bases 4408-4914

EM7 promoter: bases 4925-4990

Blasticidin resistance gene: bases 4992-5390

$\Delta U3/3'$ LTR: bases 5477-5710

$\Delta U3$: bases 5477-5529

3' LTR: bases 5477-5710

SV40 polyadenylation signal: bases 5782-5912

bla promoter: bases:6772-6870

Ampicillin (*bla*) resistance gene: bases 6871-7731

pUC origin: 7876-8549