



**Comments for pLenti6.2/N-Lumio™/V5-GW/lacZ
10418 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 1873-2462
- ATG translation initiation: bases 2483-2485
- Lumio™ tag: bases 2495-2512
- V5 epitope: bases 2528-2569
- attB1* site: bases 2582-2606
- lacZ* ORF: bases 2658-5709
- attB2* site: bases 5724-5748
- PGK promoter: bases 5870-6376
- EM7 promoter: bases 6387-6453
- Blasticidin resistance gene: bases 6460-6852
- Δ U3/HIV-1 3' LTR: bases 6938-7172
- Δ U3: bases 6938-6991
- Truncated HIV-1 3' LTR: bases 6939-7172
- SV40 polyadenylation signal: bases 7244-7374
- bla* promoter: bases 8234-8338
- Ampicillin (*bla*) resistance gene: bases 8333-9193
- pUC origin: bases 9338-10011