

Location of Features

- 5' LTR (5' long terminal repeat): 1–635
 - PBS (primer binding site): 636–653
 - Ψ (packaging signal): 685–822
 - RRE (Rev-response element): 1303–1536
 - cPPT/CTS (central polypurine tract/central termination sequence): 2028–2151
 - $P_{EF1\alpha}$ (human elongation factor 1 alpha promoter): 2186–3519
 - MCS (multiple cloning site): 3535–3572
 - IRES (internal ribosome entry site): 3574–4148
 - ZsGreen1 (human-codon-optimized): 4149–4844
 - WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4858–5449
 - 3' LTR (3' long terminal repeat): 5652–6288
 - ori (high-copy-number ColE1/pMB1/pBR322/pUC origin of replication): 6757–7430 (complementary)
 - Amp^R (ampicillin resistance gene; β -lactamase): 7575–8571 (complementary)
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This document has been reviewed and approved by the Clontech Quality Assurance Department.