

## pQCXIX Retroviral Vector

Catalog Nos.  
631515

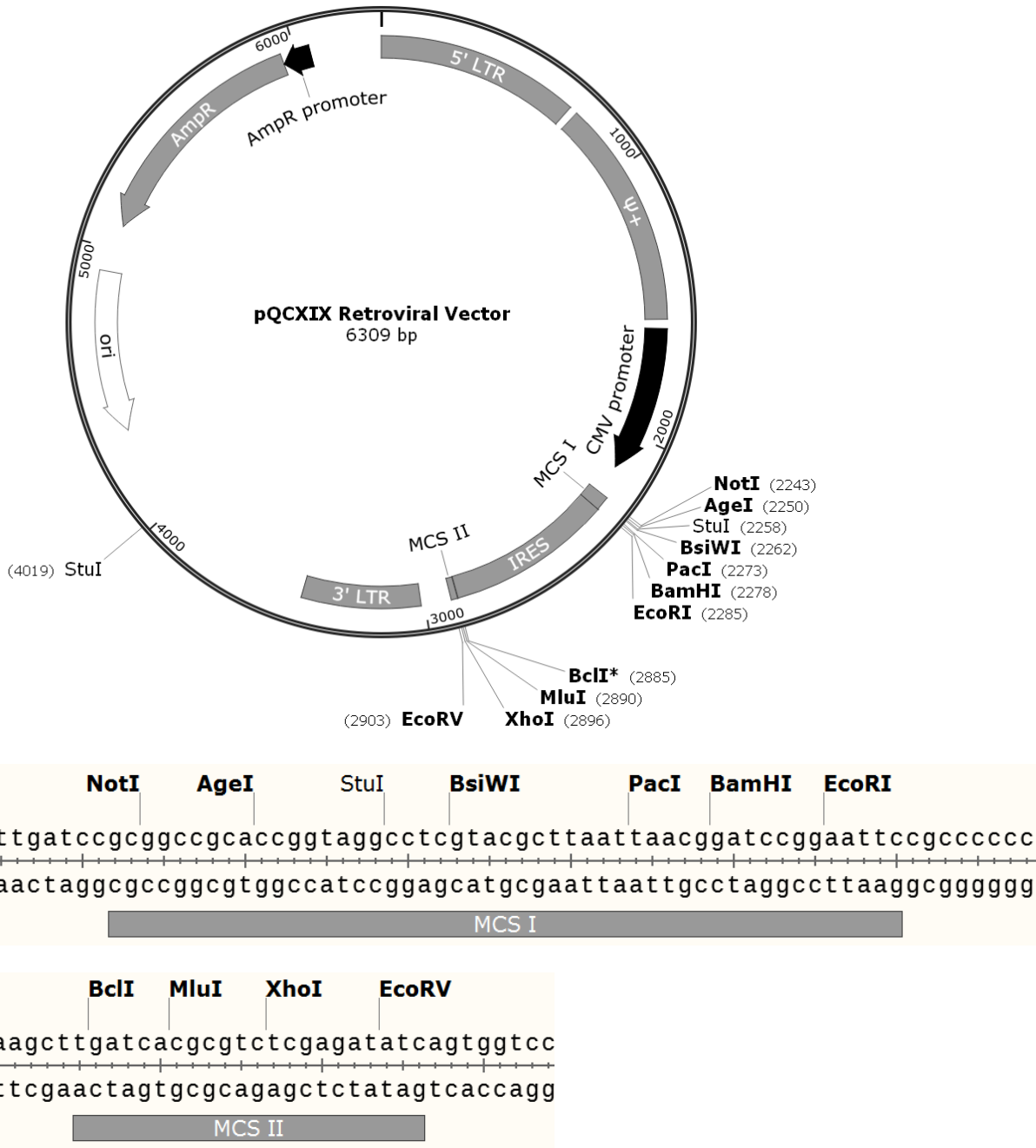


Figure 1. pQCXIX Retroviral Vector map and multiple cloning sites.

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## Location of Features

- 5' LTR (5' long terminal repeat): 1–728
- $\Psi^+$  (extended packaging signal): 758–1567
- $P_{CMV}$  (CMV promoter): 1601–2132
- MCS I: 2242–2290
- IRES (internal ribosome entry site): 2292–2881
- MCS II: 2885–2906
- 3' LTR (3' long terminal repeat): 3015–3440
- ori (high-copy-number ColE1/pMB1/pBR322/pUC origin of replication): 4328–4916
- Amp<sup>R</sup> (ampicillin resistance gene): 5090–5947
- Amp<sup>R</sup> promoter: 5948–6052

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