PLOS ONE

CORRECTION

Correction: A MultiSite Gateway Toolkit for Rapid Cloning of Vertebrate Expression Constructs with Diverse Research Applications

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In Fig 1, the orientation of vector-specific 5' and 3' sequences for pEpic and pEpic_Lite and derivatives of these vectors are incorrect. The correct configurations are all sense-strand oriented components. Please see the corrected Fig 1 here.

Citation: Fowler DK, Stewart S, Seredick S, Eisen JS, Stankunas K, Washbourne P (2017) Correction: A MultiSite Gateway Toolkit for Rapid Cloning of Vertebrate Expression Constructs with Diverse Research Applications. PLoS ONE 12(4): e0176543. https://doi.org/10.1371/journal.pone.0176543

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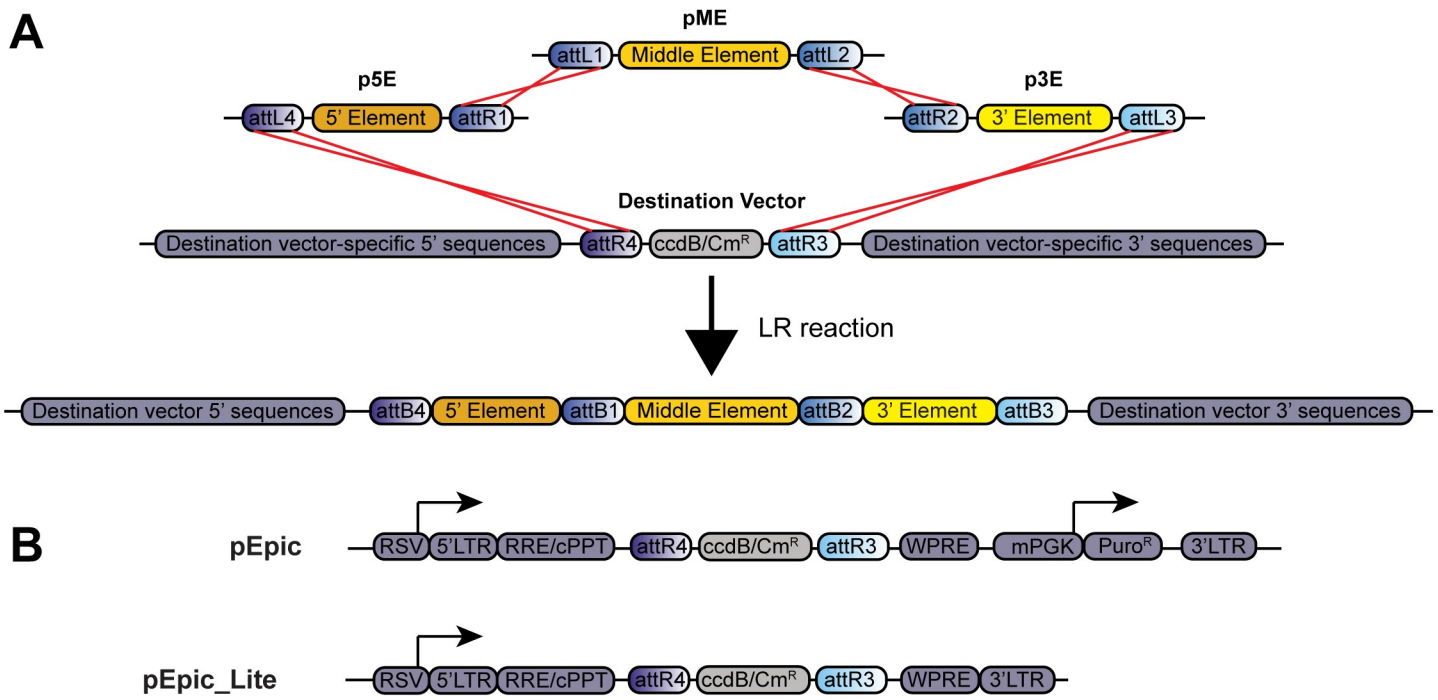

Fig 1. Overview of three-fragment MultiSite Gateway cloning and novel lentiviral destination vectors. (A) Schematic of an LR recombination reaction and the resulting vector. Site-specific recombination events (red lines) between attR and attL sites from a 5', middle, and 3' entry vector with a destination vector replaces the ccdB/Cm^R selection cassette of the destination vector with the mobile DNA elements from the entry vectors, leaving destination vector-specific 5' and 3' sequences intact. (B) Schematic of lentiviral destination vectors pEpic and pEpic_Lite. attR3 and 4 sites flanking the ccdB/Cm^R selection cassette are positioned in an anti-sense orientation to viral RNA expression driven by a Rous sarcoma virus (RSV) promoter. pEpic_Lite lacks puromycin resistance (Puro^R). LTR = long terminal repeat; RRE = Rev response element; cPPT = central polypurine tract; ccdB = E. coli ccdB toxin; Cm^R = chloramphenicol resistance; mPGK = mouse phosphoglycerate kinase promoter; WPRE = woodchuck hepatitis virus posttranslational regulatory element.

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The correct plasmids and their sequences have been deposited with Addgene (www.addgene.org), with the following catalog numbers: pEpic #84372; pEpic_Lite #84373.

Reference

1. Fowler DK, Stewart S, Seredick S, Eisen JS, Stankunas K, Washbourne P (2016) A MultiSite Gateway Toolkit for Rapid Cloning of Vertebrate Expression Constructs with Diverse Research Applications. PLoS ONE 11(8): e0159277. doi:10.1371/journal.pone.0159277 PMID: 27500400