

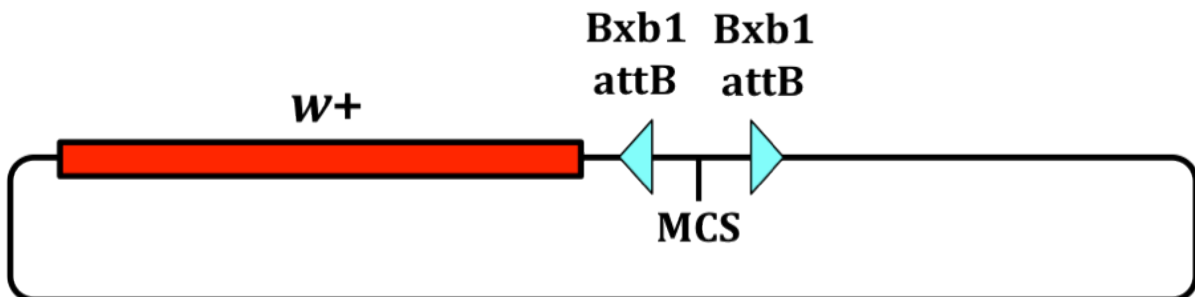
# pRVV601

Resistance: Amp  
Backbone: pBluescript SK+

Grow in comp cells with  
reduced recombination  
(inverted repeats present)!

## Description

Replacement vector for performing RMCE (recombinase-mediated cassette exchange) of established Bxb1 attP-flanked alleles in *D. melanogaster*. There is a large multiple cloning site (MCS) between the inverted Bxb1 attB sites that allows insertion of DNA fragments of interest. The *white* gene (*w+*) could be used as a marker for plasmid integration events rather than RMCE.



## Coordinates of important elements:

665-4802 *mini-white* gene

4835-4872 Inverted Bxb1 attB site

4873-4962 MCS consisting of Avr II, Stu I, Bgl II, Not I, Pac I, Mlu I, Eco RI,  
Age I, Rsr II, Sac II, Asc I, Nhe I, Nde I, Kpn I, and Bam HI restriction  
enzyme sites

4963-5000 Bxb1 attB site