Post-integration behavior of a Mos1 mariner gene vector in Aedes aegypti.

Title: Post-integration behavior of a Mos1 mariner gene vector in Aedes aegypti.
Publication Type: Journal Article
Year of Publication: 2003
Authors: Wilson, R, Orsetti, J, Klocko, AD, Aluvihare, C, Peckham, E, Atkinson, PW
Journal: Insect Biochem Mol Biol
Volume: 33
Issue: 9
Pagination: 853-63
Date Published: 2003 Sep
ISSN: 0965-1748
Keywords: Aedes, Animals, Animals, Genetically Modified, Base Sequence, Blot
Abstract: The post-integration behavior of insect gene vectors will determine the types of applications for which they can be used. The results of this study reveal that the Mos1 mariner element, when integrated into the genome of Aedes aegypti, does not exhibit the high level of transposition observed in other insect species. This finding suggests that insect gene vectors containing the Mos1 mariner element may have limited use in the construction of genetic drive, enhancer trap, or transposon tagging systems in this species.
PubMed ID: 12915177
Grant List: AI 45743 / AI / NIAID NIH HHS / United States