KHAMIS, FATHIYA; KARAM, NISRINE; GUGLIELMINO, CARMELA; EKESI, SUNDAY; MASIGA, DANIEL; De MEYER, MARC; **KENYA, EUCHARIA**; MALACRIDA, ANNA. (2008). Isolation and characterization of microsatellite markers in the newly discovered invasive fruit fly pest in Africa, Bacterocera invadens (Diptera: Tephritidae). ***Molecular Ecology Resources*** Vol 8 (6): 1509 - 1511**.**

Abstract

We describe the isolation and characterization of 11 polymorphic microsatellite loci from the recently discovered fruit fly pest, Bactrocera invadens. The polymorphism of these loci was tested in individual flies from two natural populations (Sri Lanka and Democratic Republic of Congo). Allele number per locus ranged from three to 15 and eight loci displayed a polymorphic information content greater than 0.5. These microsatellite loci provide useful markers for studies of population dynamics and invasion history of this pest species.