



Anopheles dirus Payton and Harrison (Cellia)

Strain Name: WRAIR2, MRA-700

Place of Origin: Thailand

Colonization date: 1963

Established by: Dr. Esau and Dr. Scanlon

Deposited by: Dr. William Collins

Genotype: no information

Phenotype: no information

Karyotype: undefined

Insecticide Resistance: none

Notes: force mated

Adult Morphological Traits



Morphological characteristics of *An. dirus* adults.

Authentication Methods used to confirm stock identity

1. Examined adults microscopically for morphological characters: all individuals had standard features of *An. dirus*.

References referring to this stock:

Coy, M. R. and Z. Tu (2007). "Genomic and evolutionary analyses of Tango transposons in *Aedes aegypti*, *Anopheles gambiae* and other mosquito species." *Insect Molecular Biology* 16(4): 411-21.

Huong NT, Sonthayanon P, Ketterman AJ, Panyim S (2001) A rapid polymerase chain reaction based method for identification of the *Anopheles dirus* sibling species. *Southeast Asian J Trop Med Public Health* 32:615-620

Walton C et al. (1999) Identification of five species of the *Anopheles dirus* complex from Thailand, using allele-specific polymerase chain reaction. *Med Vet Entomol* 13:24-32