Genomic DNA from Male and Female *Oncomelania hupensis* subsp. *nosophora*, Japanese Strain, Waranya Isolate

**Catalog No. NR-36063**
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**For research use only. Not for human use.**

**Contributor and Manufacturer:**
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**Product Description:**
Genomic DNA was extracted from pooled male and female *Oncomelania hupensis* (O. *hupensis*) subsp. *nosophora*, Japanese strain, Waranya isolate. *O.hupensis* subsp. *nosophora*, Japanese strain, Waranya isolate, is a small freshwater snail that is thought to have been initially collected in 1968 in Kofu, Japan. The Waranya isolate and Hosaka isolate (BEI Resources NR-36064) are from essentially the same location and do not differ in parasite susceptibility.1 *O. hupensis* subsp. *nosophora*, Japanese strain, Waranya isolate, is an intermediate host of *Schistosoma japonicum* (S. *japonicum*). *S. japonicum* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

**Material Provided:**
Each vial of NR-36063 contains 10 to 100 µg of genomic DNA in TE buffer (10 mM Tris-HCl and 0.1 mM EDTA, pH ~ 8.0). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

**Packaging/Storage:**
NR-36063 was packaged in cryovials. The product is provided frozen and should be stored at -20°C or colder upon arrival. Freeze-thaw cycles should be minimized.

**Citation:**
Acknowledgment for publications should read “The following reagent was provided by the NIAID Schistosomiasis Resource Center for distribution through BEI Resources, NIAID, NIH: Genomic DNA from Male and Female *Oncomelania hupensis* subsp. *nosophora*, Japanese Strain, Waranya Isolate, NR-36063.”

**Biosafety Level: 1**

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**References:**
1. Tucker, M. S., Personal Communication

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