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

**Catalog No. NR-36064**  
This reagent is the property of the U.S. Government.

**For research use only. Not for human use.**

**Contributor and Manufacturer:** Matthew S. Tucker, Head Schistosomiasis Laboratory and Principal Investigator, Biomedical Research Institute, Rockville, Maryland, USA (NIAID Contract HHSN272201000005I)

**Product Description:**  
Genomic DNA was extracted from pooled male and female *Oncomelania hupensis* (O. *hupensis*) subsp. *nosophora*, Japanese strain, Hosaka isolate. *O. hupensis* subsp. *nosophora*, Japanese strain, Hosaka isolate, is a small freshwater snail that is thought to have been initially collected in Kofu, Japan. The Hosaka isolate and Waranya isolate (BEI Resources NR-36063) are from essentially the same location and do not differ in parasite susceptibility.¹ *O. hupensis* subsp. *nosophora*, Japanese strain, Hosaka 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-36064 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-36064 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, Hosaka Isolate, NR-36064.”

**Biosafety Level: 1**  
Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in

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**References:**


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