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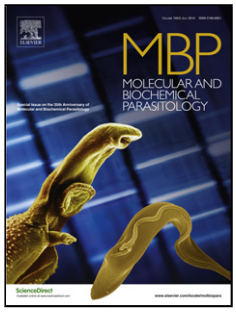

Title: *Schistosoma mansoni* displays an adenine phosphoribosyltransferase preferentially expressed in mature female gonads and vitelaria

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PII: S0166-6851(17)30051-8
DOI: http://dx.doi.org/doi:10.1016/j.molbiopara.2017.04.004
Reference: MOLBIO 11065

To appear in: *Molecular & Biochemical Parasitology*

Received date: 20-12-2016
Revised date: 4-4-2017
Accepted date: 5-4-2017

Please cite this article as: Zeraik Ana Eliza, Balasco Serrão Vitor Hugo, Romanello Larissa, Torini Juliana Roberta, Cassago Alexandre, DeMarco Ricardo, Pereira Humberto D'Muniz.Schistosoma mansoni displays an adenine phosphoribosyltransferase preferentially expressed in mature female gonads and vitelaria.*Molecular and Biochemical Parasitology* http://dx.doi.org/10.1016/j.molbiopara.2017.04.004

Schistosoma mansoni displays an adenine phosphoribosyltransferase preferentially expressed in mature female gonads and vitelaria

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Graphical Abstract

HighlightsAdenine phosphoribosyltransferase 1 (APRT 1) is preferentially expressed in the female gonads.

- *S. mansoni* possesses three different APRT copies.
- Gene duplication events might be related to sexual specialization.

Keywords: Purine salvage pathway; ; , adenine phosphoribosyltransferase, *Schistosoma mansoni*.