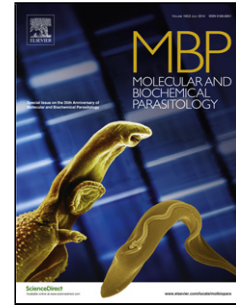


## Accepted Manuscript

Title: Revealing genetic hybridization and DNA recombination of *Fasciola hepatica* and *Fasciola gigantica* in nuclear introns of the hybrid *Fasciola* flukes

Authors: Weerachai Saijuntha, Chairat Tantrawatpan, Takeshi Agatsuma, Chennan Wang, Pewpan M. Intapan, Wanchai Maleewong, Trevor N. Petney



PII: S0166-6851(18)30057-4  
DOI: <https://doi.org/10.1016/j.molbiopara.2018.06.004>  
Reference: MOLBIO 11132

To appear in: *Molecular & Biochemical Parasitology*

Received date: 21-3-2018  
Revised date: 26-6-2018  
Accepted date: 26-6-2018

Please cite this article as: Saijuntha W, Tantrawatpan C, Agatsuma T, Wang C, Intapan PM, Maleewong W, Petney TN, Revealing genetic hybridization and DNA recombination of *Fasciola hepatica* and *Fasciola gigantica* in nuclear introns of the hybrid *Fasciola* flukes, *Molecular and Biochemical Parasitology* (2018), <https://doi.org/10.1016/j.molbiopara.2018.06.004>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Revealing genetic hybridization and DNA recombination of *Fasciola hepatica* and *Fasciola gigantica* in nuclear introns of the hybrid *Fasciola* flukes.**

Weerachai Saijuntha<sup>a</sup>, Chairat Tantrawatpan<sup>b\*</sup>, Takeshi Agatsuma<sup>c</sup>, Chennan Wang<sup>d</sup>, Pewpan M. Intapan<sup>e</sup>, Wanchai Maleewong<sup>e</sup>, Trevor N. Petney<sup>f,g</sup>

<sup>a</sup> *Walai Rukhvej Botanical Research Institute (WRBRI), Biodiversity and Conservation Research Unit, Mahasarakham University, Maha Sarakham 44150, Thailand*

<sup>b</sup> *Division of Cell Biology, Department of Preclinical Sciences, Faculty of Medicine, Thammasat University, Rangsit Campus, Pathum Thani 12120, Thailand*

<sup>c</sup> *Department of Environmental Medicine, Kochi Medical School, Kochi University, Oko, Nankoku 783-8505, Japan*

<sup>d</sup> *Hospital of Jiamusi University, Jiamusi University, Jiamusi, Heilongjiang Province, People's Republic of China*

<sup>e</sup> *Department of Parasitology, Faculty of Medicine and Research and Diagnostic Center for Emerging Infectious Diseases, Khon Kaen University, Khon Kaen 40002, Thailand*

<sup>f</sup> *Institute of Zoology 1: Ecology and Parasitology, University of Karlsruhe, Kornblumen Strasse 13, Karlsruhe, Germany*

<sup>g</sup> *State Museum of Natural History, Erbprinzenstr. 13, 76133 Karlsruhe, Germany.*

Download English Version:

<https://daneshyari.com/en/article/8648334>

Download Persian Version:

<https://daneshyari.com/article/8648334>

[Daneshyari.com](https://daneshyari.com)