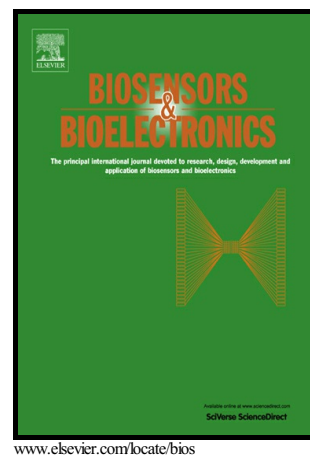


Target-induced proximity ligation triggers recombina-  
se polymerase amplification and transcription-mediated amplification to detect tumor-derived exosomes in nasopharyngeal carcinoma with high sensitivity

Wanli Liu, Jianpei Li, Yixian Wu, Shan Xing,  
Yanzhen Lai, Ge Zhang



PII: S0956-5663(17)30763-7  
DOI: <https://doi.org/10.1016/j.bios.2017.11.033>  
Reference: BIOS10109

To appear in: *Biosensors and Bioelectronic*

Received date: 17 September 2017  
Revised date: 29 October 2017  
Accepted date: 7 November 2017

Cite this article as: Wanli Liu, Jianpei Li, Yixian Wu, Shan Xing, Yanzhen Lai and Ge Zhang, Target-induced proximity ligation triggers recombina-  
se polymerase amplification and transcription-mediated amplification to detect tumor-derived exosomes in nasopharyngeal carcinoma with high sensitivity, *Biosensors and Bioelectronic*, <https://doi.org/10.1016/j.bios.2017.11.033>

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 galley proof before it is published in its final citable 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.

**Target-induced proximity ligation triggers recombinase polymerase amplification and transcription-mediated amplification to detect tumor-derived exosomes in nasopharyngeal carcinoma with high sensitivity**

Wanli Liu <sup>1#</sup>, Jianpei Li <sup>1#</sup>, Yixian Wu <sup>2</sup>, Shan Xing <sup>1</sup>, Yanzhen Lai <sup>1</sup>, Ge Zhang <sup>2\*</sup>

<sup>1</sup> State Key Laboratory of Oncology in Southern China, Department of Clinical Laboratory Medicine, Sun Yat-sen University cancer center, Guangzhou 510080, PR China; <sup>2</sup> School of Pharmaceutical Sciences, Sun Yat-sen University, Guangzhou 510006, PR China

<sup>#</sup>WL Liu and JP Li contributed equally to this work.

**\*Corresponding Author:** Ge Zhang, School of Pharmaceutical Sciences, Sun Yat-sen University, No.132 Waihuandong Road, University Town, Guangzhou 510006, China. Tel: 86-20-39943021; Fax: 86-20-39943021; E-mail: zhangge@mail.sysu.edu.cn

Download English Version:

<https://daneshyari.com/en/article/7229890>

Download Persian Version:

<https://daneshyari.com/article/7229890>

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