#### **Accepted Manuscript**

Colorimetric detection of microRNA based on DNAzyme and nuclease-assisted catalytic hairpin assembly signal amplification

Hongmei Zhang, Kuiyu Wang, Shengjun Bu, Zhongyi Li, Chuanjing Ju, Jiayu Wan

PII: S0890-8508(18)30042-2

DOI: 10.1016/j.mcp.2018.02.002

Reference: YMCPR 1330

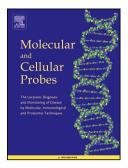
To appear in: Molecular and Cellular Probes

Received Date: 17 November 2017

Revised Date: 17 January 2018 Accepted Date: 13 February 2018

Please cite this article as: Zhang H, Wang K, Bu S, Li Z, Ju C, Wan J, Colorimetric detection of microRNA based on DNAzyme and nuclease-assisted catalytic hairpin assembly signal amplification, *Molecular and Cellular Probes* (2018), doi: 10.1016/i.mcp.2018.02.002.

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.



#### ACCEPTED MANUSCRIPT

## Colorimetric detection of microRNA based on DNAzyme

1

2

### and nuclease-assisted catalytic hairpin assembly signal

3	amplification
4	
5	Hongmei Zhang <sup>1, 2#</sup> , Kuiyu Wang <sup>1,2 #</sup> , Shengjun Bu <sup>2 #</sup> , Zhongyi Li <sup>2</sup> , Chuanjing Ju <sup>3,4*</sup> , Jiayu Wan <sup>2*</sup>
6	
7	1. Heilongjiang Bayi Agricultural University, Daqing, 163319, China.
8	2. Institute of Military Veterinary, Academy of Military Medical Sciences, Changchun, 130122, China.
9	3. The General Hospital of FAW, Changchun, 130011, China.
10	4. The Fourth Hospital of Jilin University, Changchun,130011, China.
11	
12	
13	
14	# These authors contributed equal work to this paper
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	*Correspondence to
27	Jiayu Wan; E-mail:wanjiayu@hotmail.com;
28	Chuanjing Ju; E-mail: jcjmy666@163.com

#### Download English Version:

# https://daneshyari.com/en/article/8478737

Download Persian Version:

https://daneshyari.com/article/8478737

<u>Daneshyari.com</u>