

1

2

3

4 **Genomic characterization of novel IncFII-type multidrug resistant plasmids**
5 **p0716-KPC and p12181-KPC from *Klebsiella pneumoniae***

6

7 Jiao Feng¹, Zhe Yin¹, Qiangyuan Zhao², Yachao Zhao¹, Defu Zhang^{1,4}, Xiaoyuan Jiang¹,
8 Weili Wu³, Weijun Chen³, Hui Wang¹, Yajun Song¹, Yigang Tong¹,
9 Jingling Wang¹, Yanjun Li², Dongsheng Zhou¹

10

11 *1, State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Microbiology*
12 *and Epidemiology, Beijing 100071, China; 2, Laboratory Department, Navy General*
13 *Hospital, Beijing 100048, China; 3, Beijing Institute of Genomics, Chinese Academy of*
14 *Sciences, Beijing, 100029, China; 4, College of Food Science and Project Engineering,*
15 *Bohai University, Jinzhou 121013, China*

16

17 **Short running title:** p0716-KPC and p12181-KPC from *K. pneumoniae*

18 Jiao Feng and Zhe Yin contributed equally to this work.

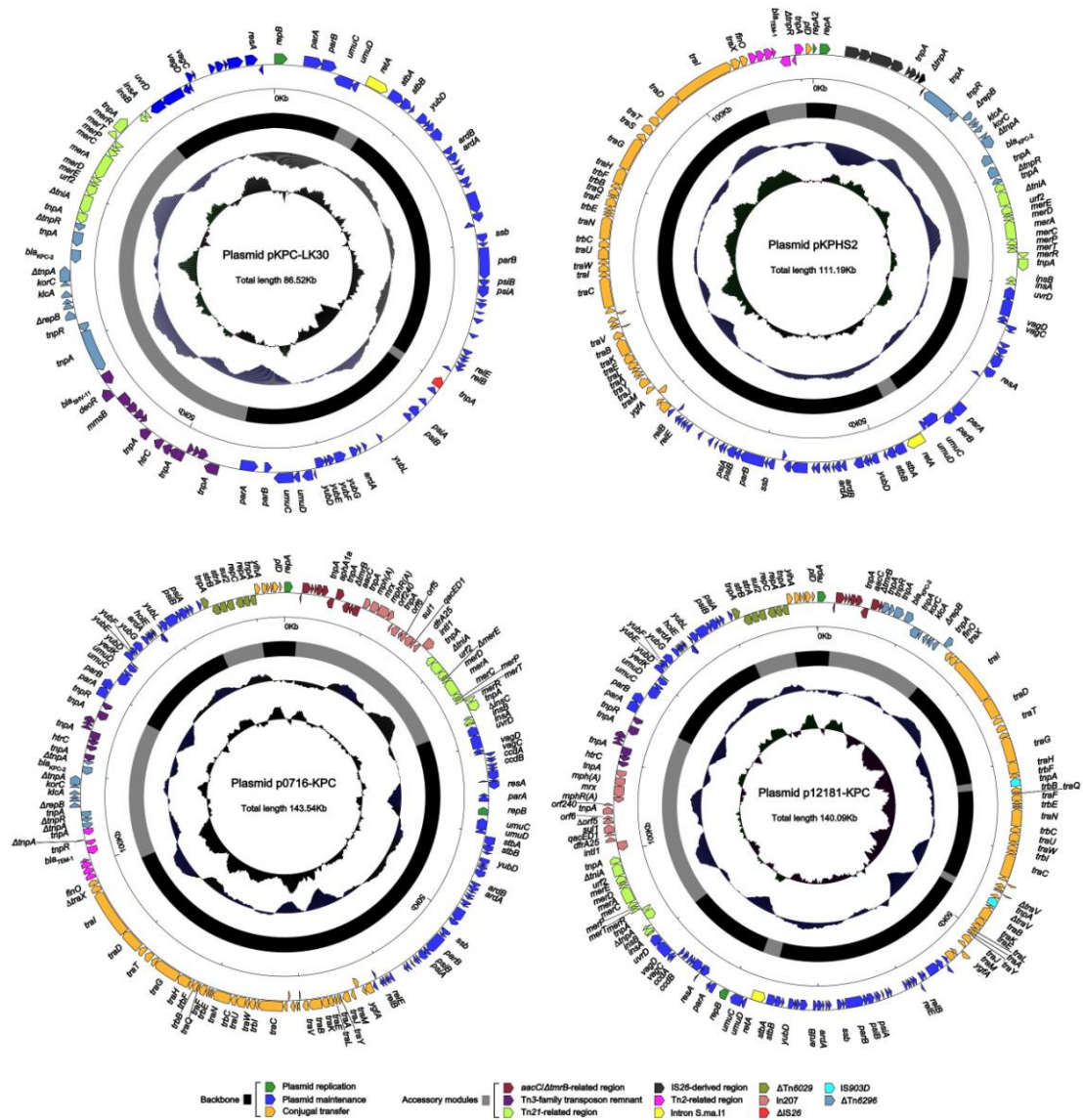
19

20 **Corresponding authors:**

21 **Dongsheng Zhou**, E-mail: dongshengzhou1977@gmail.com

22 **Yanjun Li**, E-mail: liyanjun1230@163.com

23 **Jinglin Wang**, E-mail: wjlwjl0801@sina.com



24

25 **Figure S1. Schematic maps of sequenced plasmids.** Genes are denoted by arrows
 26 and are colored based on gene function classification. The innermost circle presents
 27 GC-Skew [(G-C)/(G+C)] with a window size of 500 bp and a step size of 20 bp. The
 28 following circle presents GC content. Backbone and accessory module regions are also
 29 shown.