a *IncHI2A*

Identity	Province(s)	Salmonella		Eschierichia	
		Number	Year(s)	Number	Year(s)
97.5%-100%	Guangdong	18	2014-2019	1	2010
97.5%-100%	Guangdong	7	2016-2017	4	2015-2016
97.5%-100%	Guangdong	6	2015-2018	1	2016
97.5%-100%	Zhejiang/Sichuan/Fujian	5	2016-2019	1	2016
97.5%-100%	Zhejiang/Sichuan	1	2017	1	2019
97.5%-100%	Zhejiang	1	2017	1	2016
95%-97.5%	Guangdong	7	2015-2019	3	2017

b *IncI2*

Identity	Province(s)	Salmonella		Eschierichia		Klebsiella		Shigella	
		Number	Year(s)	Number	Year(s)	Number	Year(s)	Number	Year(s)
100%	Henan/Hebei/Jilin/Helongjiang/Anhui/Shandong/Zhejiang/Shaanxi/Sichuan	3	2013-2015	9	2015-2022				
100%	Jiangsu/Guangong/Shaanxi	2	2017	2	2015-2019				
100%	Zhejiang			1	2016	1	2016	1	2016
100%	Jiangxi/Zhejiang	1	2014	1	2020				
97.5%-100%	Beijing/Anhui/Jiangsu			2	2012-2017			1	2014

c *IncX4*

Identity	Province(s)	Salmonella		Eschierichia	
		Number	Year(s)	Number	Year(s)
100%	Zhejiang/Gungdong	1	2019	2	2014-2017
100%	Hubei/Zhejiang/Sichuan/Shandong/Jiangsu/Henan/Fujian/Liaoning/Jilin	5	2014-2018	13	2011-2021
100%	Guangdong	1	2016	1	2016
100%	Guangdong	2	2016	2	2014-2016

Supplement figure 6: The cross-genus transmission of various plasmid types with *mcr-1*. In different genera, specific plasmid types with certain similarity containing *mcr-1* were matched and selected. Simultaneously, their degree of similarity was recorded along with information on the respective provinces where they were collected and the genera to which they belong. The results suggest the presence of cross-genus transmission of plasmids with *mcr-1*, which is quite common. The main genera involved include *Salmonella*, *Escherichia*, *Klebsiella*, and *Shigella*.