

Genes and variants	Accession Number	NCBI Refseq	Length (bp)	Protein RefSeq accession	Protein length	Mutations (aa)	mcr location	Species	Host	Country	Authors	PMID	Notes
<i>mcr-1</i>	KP347127	NG_050417.1	1626	WP_049589868.1	541		Incl2	<i>Escherichia coli</i>	Pig	China	Liu Y, 2016	26603172	
<i>mcr-1.2</i>	KX236309	NG_051170.1	1626	WP_065274078.1	541	Q3L	IncX4	<i>Klebsiella pneumoniae</i>	Human	Italy	Di Pilato V, 2016	27401575	
<i>mcr-1.3</i>	KU934208	NG_053861.1	1626	WP_07364885.1	541	I38V	Incl2	<i>Escherichia coli</i>	Chicken	China	Hang Y, 2016	28242671	
<i>mcr-1.4</i>	KY041856	NG_052664.1	1626	WP_076611062.1	541	D440N	IncX4	<i>Escherichia coli</i>	Unknown - sewage	China	Zhao F, 2016	29118748	
<i>mcr-1.5</i>	KY283125	NG_052663.1	1626	WP_076611061.1	541	H52Y	nd	<i>Escherichia coli</i>	Human	Argentina	Estabrook M, 2016	Unpublished	
<i>mcr-1.6</i>	KY352406	NG_052893.1	1626	WP_077248208.1	541	R536H	IncP	<i>Salmonella</i> Typhimurium	Human	China	Lu X, 2016	28264651	
<i>mcr-1.7</i>	KY488488	NG_054678.1	1626	WP_085562392.1	541	A215T	IncX4	<i>Escherichia coli</i>	Unknown - sewage	China	Zhao F, 2017	2918748	
<i>mcr-1.8</i>	KY68342	NG_054697.1	1626	WP_085562407.1	541	Q3R	nd	<i>Escherichia coli</i>	Poultry	Brunei	Abdul Momin HF, 2017	Unpublished	
<i>mcr-1.9</i>	KY94067.1	NG_055582.1	1626	WP_099982800.1	541	V413A	IncX4	<i>Escherichia coli</i>	Pig	Portugal	Manageiro V, 2017	30923516	
<i>mcr-1.10</i>	MF176328.1	NG_055583.1	1626	WP_096807442.1	541	M2V/R11C/A23S/M155V/							
<i>mcr-1.11</i>	KY853652	NG_055784.2	1629	WP_099882815.1	542	M234T/A34T/A443T	IncX4	<i>Moraxella</i> sp	Pig	United Kingdom	AbuOun M, 2017	29091327	
<i>mcr-1.12</i>	KY853652	NG_055784.2	1629	WP_099882815.1	542	V7_W88inV	IncI2	<i>Escherichia coli</i>	Human	Peru	Deshpande L, 2018	30917884	
<i>mcr-1.13</i>	LC337668.1	NG_056412.1	1626	WP_104009850.1	541	Q3H	nd	<i>Escherichia coli</i>	Pig	Japan	Nishino Y, 2017	Unpublished	
<i>mcr-1.13</i>	MG384739	NG_057466.1	1626	WP_109345056.1	541	M155I	nd	<i>Escherichia coli</i>	Turkey	Germany	Hammerl JA, 2018	Unpublished	
													Designated as <i>mcr-Lxx</i> in Rebelo et al, 2018 (PMID 29439754) for <i>Escherichia coli</i> 151885 (Spain) and <i>Escherichia coli</i> 150564149PUD1 (Italy), and designated as <i>mcr-1.13</i> in Alba P, 2018 (PMID 29951045) for <i>E. coli</i> 14077295 (acc. nr. ERS030029) and <i>E. coli</i> 15056414 (acc. nr. ERS1801926)
<i>mcr-1.13</i> (NOT the same as above)	None	None	1626		541	M2V/S14G	chromosome		Turkey, Pig	Italy	Alba P, 2018	29951045	Not on fasta file
<i>mcr-1.14</i>	KX443487.2	NG_057460.1	1626	WP_109545052.1	541	nd	nd	<i>Klebsiella pneumoniae</i>	Chicken	China	Yang Y, 2020	Unpublished	
<i>mcr-1.15</i>	MG763891.1	NG_061610.1	1623	WP_116786830.1	540	nd	nd	<i>Klebsiella pneumoniae</i>	Chicken	China	Xiang R, 2018	Unpublished	
<i>mcr-1.16</i>	MKS68462.1	NG_064787.1	1626	WP_136512110.1	541	nd	nd	<i>Escherichia coli</i>	Chicken	China	Zhu Y, 2019	Unpublished	
<i>mcr-1.17</i>	MKS68463.1	NG_064788.1	1626	WP_136512111.1	541	nd	nd	<i>Escherichia coli</i>	Cow	China	Zhu Y, 2019	Unpublished	
<i>mcr-1.18</i>	PGLM0100025.1	NG_064789.1	1626	WP_106743337.1	541	nd	nd	<i>Escherichia coli</i>	Chicken	China	Wu C, 2018	Unpublished	
<i>mcr-1.19</i>	MK90674.1	NG_065449.1	1626	WP_129336087.1	541	nd	IncHI2	<i>Salmonella</i> Typhimurium	Egg	China	Hu Y, 2019	Unpublished	
<i>mcr-1.20</i>	LS398440.1	NG_065450.1	1626	WP_140423329.1	541	nd	nd	<i>Escherichia coli</i>	Pig	United Kingdom	APHA, 2018	Unpublished	previously <i>mcr-1.14</i> , including in original GenBank entry
<i>mcr-1.21</i>	MK965883.1	NG_065451.1	1626	WP_140423330.1	541	nd	nd	<i>Escherichia coli</i>	Human	China	Li C, 2019	Unpublished	
<i>mcr-1.22</i>	MN017134.1	NG_065944.1	1626	WP_148044477.1	541	nd	nd	<i>Escherichia coli</i>	Chicken	Nigeria	Caretto E, 2019	Unpublished	
<i>mcr-1.23</i>	MN873697.1	NG_067235.1	1626	WP_160164897.1	541	nd	nd	<i>Salmonella</i>	Poultry	Bangladesh	Uddin MB, 2020	Preprint https://doi.org/10.1101/2020.03.27.012948	
<i>mcr-1.24</i>	MN879257.1	NG_067236.1	1626	WP_160164898.1	541	nd	nd	<i>Escherichia coli</i>	Poultry	Bangladesh	Uddin MB, 2020	Preprint https://doi.org/10.1101/2020.03.27.012948	
<i>mcr-1.25</i>	MN879259.1	NG_067237.1	1626	WP_160164899.1	541	nd	nd	<i>Escherichia coli</i>	Poultry	Bangladesh	Uddin MB, 2020	Preprint https://doi.org/10.1101/2020.03.27.012948	
<i>mcr-1.26</i>	JAAG5A01000042.1	NG_068217.1	1626	WP_034169413.1	541	nd	nd	<i>Escherichia coli</i>	Human	Germany	Neumann B, 2020	Unpublished	
<i>mcr-1.27</i>	JAAG5B01000042.1	NG_068218.1	1626	NE089143.1	541	nd	nd	<i>Escherichia coli</i>	Human	Germany	Neumann B, 2020	Unpublished	
<i>mcr-1.28</i>	MT77024.1	NG_070762.1	1626	WP_181464119.1	541	nd	nd	<i>Escherichia coli</i>	Unknown	China	Ruan Z, 2020	Unpublished	
<i>mcr-1.29</i>	MT731964.1	NG_070763.1	1626	WP_188331884.1	541	nd	nd	Uncultured	Unknown - environmental sample	China	LV D, 2020	Unpublished	
<i>mcr-1.30</i>	MT731965.1	NG_070764.1	1626	WP_188331885.1	541	nd	nd	Uncultured	Swine	China	LV D, 2020	Unpublished	
<i>mcr-2.1</i>	LT598652	NG_051171.1	1617	WP_065419574.1	538		IncX4	<i>Escherichia coli</i>	Pig, Calif	Belgium	Xavier BB, 2016	27416987	
<i>mcr-2.2</i>	MUYU01000015.1	NG_055496.1	1617	WP_078254299.1	538	H4Q/V57L/V140F/G320D/A339T/Y359F/G528D/A534T	nd	<i>Moraxella pluranimalium</i>	Pig	Spain	Salva-Serra F, 2017	Unpublished	
<i>mcr-2.2</i> (same as above)													
<i>mcr-2.3</i>	MF176329.1	NG_055452.1	1617		538		nd	<i>Moraxella pluranimalium</i>	Pig	Spain	AbuOun M, 2017	29091327	
<i>mcr-2.3</i>	NOCD02000001.1	NG_065452.1	1617	TNK10460.1	538	nd	nd	<i>Escherichia coli</i>	Swine	Thailand	Fouts D, 2019	Unpublished	
<i>mcr-2.4</i>	MT757845.1	NG_070765.1	1617	WP_188331886.1	538	nd	nd	Uncultured	Swine	China	LV D, 2020	Unpublished	
<i>mcr-2.5</i>	MT757842.1	NG_070766.1	1617	WP_188331887.1	538	nd	nd	Uncultured	Swine	China	LV D, 2020	Unpublished	
<i>mcr-2.6</i>	MT757844.1	NG_070767.1	1617	WP_188331888.1	538	nd	nd	Uncultured	Swine	China	LV D, 2020	Unpublished	
<i>mcr-2.7</i>	MT757843.1	NG_070768.1	1617	WP_188331889.1	538	nd	nd	Uncultured	Swine	China	LV D, 2020	Unpublished	
<i>mcr-3.1</i>	KY924928	NG_055505.1	1626	WP_039026394.1	541		IncHI2	<i>Escherichia coli</i>	Pig	China	Yin W, 2017	28655818	
<i>mcr-3.2</i>	NPZH01000177.1	NG_055523.1	1626	OYE10189.1	541	T488I	nd	<i>Shigella sonnei</i>	Human	Thailand	Fouts D, 2017	Unpublished	
<i>mcr-3.2</i> (same as above)													
<i>mcr-3.3</i>	NMNV01000143.1	--	--	--	--	--	nd	<i>Escherichia coli</i>	Cattle	Spain	Hernandez M, 2017	28797328	
						V122G/R297L/I313V/E337K/H341V/D358E/G428A/Q468K/T488I/V493M/D494N/A496E/Q500K/K501N/D504A/T505N/SS25A/V526I/K529Q/G530E/SS35K/V540N	nd						
<i>mcr-3.3</i>	MF495680.1	NG_055783.1	1623	ASU10319.1	540		nd	<i>Aeromonas veronii</i>	Chicken	China	Ling Z, 2017	Unpublished	
<i>mcr-3.4</i>	F1XA01000011.1	NG_055492.1	1626	WP_065804663.1	541	G373V	nd	<i>Klebsiella pneumoniae</i>	Human	Thailand	Pathogen Informatics, Wellcome Trust	Unpublished	
<i>mcr-3.5</i>	MF489760.1	NG_055782.1	1626	WP_089613755.1	541	M23V/A457E/T488I	nd	<i>Escherichia coli</i>	Human	China	Sanger Institute, 2016	Unpublished	
<i>mcr-3.5</i> (same as above)													
	MF463699.1	--	--	--	--	--	nd	<i>Escherichia coli</i>	Human	China	Liu L, 2017	Unpublished	
						M13I/D41Y/I71V/S117N/V122G/E139D/R297L/I313V/E337K/H341V/G428A/L458M/Q468K/T488I/V493M/D494N/A496E/Q500K/K501N/D504N/T505N/SS25A/V526I/K529Q/G530E/SS35K/V540N	nd						
<i>mcr-3.6</i>	MF598076.1	NG_055660.1	1623	WP_042649074.1	540		nd	<i>Aeromonas allosaccharophila</i>	Fish	Germany	Eichhorn I, 2017	29394397	
						M13I/W61A/I71V/V122G/A127V/A154V/Q226K/R297L/I313V/I336V/E337K/H341Y/G428A/L458M/Q468K/V493M/D494N/A496E	nd						
<i>mcr-3.7</i>	MF598077.1	NG_055661.1	1626	WP_099156047.1	541		nd	<i>Aeromonas media</i>	Turkey	Germany	Eichhorn I, 2017	29394397	
						M13I/V122G/R297L/I313V/E337K/H341V/D358E/G428A/L458M/Q468K/T488I/V493M/D494N/A496E/Q500K/K501N/D504N/T505N/SS25A/V526I/K529Q/G530E/SS35K/V540N	nd						
<i>mcr-3.8</i>	MF598079.1	NG_055662.1	1623	WP_099156048.1	540		nd	<i>Aeromonas hydrophila</i>	Fish	Germany	Eichhorn I, 2017	29394397	
<i>mcr-3.8</i> (same as above)													
	MF598078.1	--	--	--	--	--	nd	<i>Aeromonas jandei</i>	Fish	Germany	Eichhorn I, 2017	29394397	
						M13I/I71V/V122G/E144K/L151I/R297L/I313V/E337K/H341V/D358E/Q468K	nd						
<i>mcr-3.9</i>	MF598080.1	NG_055663.1	1626	WP_099156049.1	541		nd	<i>Aeromonas hydrophila</i>	Fish	Germany	Eichhorn I, 2017	29394397	
						V122G/R297L/I313V/E337K/H341V/D358E/Q468K	Incl2						
<i>mcr-3.10</i>	MG214531.1	NG_055799.1	1626	WP_099982820.1	541			<i>Aeromonas caviae</i>	Duck	China	Wang X, 2017	29203482	

Genes and variants	Accession Number	NCBI Refseq	Length (bp)	Protein RefSeq accession	Protein length	Mutations (aa)	mcr location	Species	Host	Country	Authors	PMID	Notes
mcr-3.10 (same as above)	MG214533.1	---	---	---	---	---	IncI2	<i>Escherichia coli</i>	Duck	China	Wang X, 2017	29203482	
mcr-3.10 (same as above)	MG214533.1	---	---	---	---	---	IncI2	<i>Brutus mirabilis</i>	Duck	China	Wang X, 2017	29203482	
mcr-3.11	MG489958.1	NG_056184.1	1626	WP_102607465.1	541	G373V/Q468T	nd	<i>Escherichia coli</i>	Unknown	China	Xiang R, 2017	Unpublished	
mcr-3.12	MG564491.1	NG_057484.1	1626	WP_109545070.1	541	nd	IncA/C2	<i>Escherichia coli</i>	Pig	Brazil	Kieffer N, 2018	29712655	
mcr-3.13	MH332763.1	NG_060514.1	1623	WP_111273842.1	540	nd	chromosome?	<i>Aeromonas caviae</i>	Human	China	Shen Y, 2018	29967026	
mcr-3.14	MH332764.1	NG_060515.1	1623	WP_111273843.1	540	nd	chromosome?	<i>Aeromonas bivalvium</i>	Unknown - aquatic environment	China	Shen Y, 2018	29967026	
mcr-3.15	MH332765.1	NG_060516.1	1623	WP_111273844.1	540	nd	chromosome?	<i>Aeromonas media</i>	Chicken	China	Shen Y, 2018	29967026	
mcr-3.16	MH332766.1	NG_060517.1	1623	WP_111273845.1	540	nd	chromosome?	<i>Aeromonas salmonicida</i>	Chicken	China	Shen Y, 2018	29967026	
mcr-3.17	MH332767.1	NG_060518.1	1623	WP_111273846.1	540	nd	chromosome?	<i>Aeromonas allotaccharophila</i>	Chicken	China	Shen Y, 2018	29967026	
mcr-3.18	MH332768.1	NG_060519.1	1623	WP_111273847.1	540	nd	chromosome?	<i>Aeromonas caviae</i>	Unknown - aquatic environment	China	Shen Y, 2018	29967026	
mcr-3.19	NEFW0100046.1	NG_055497.1	1626	WP_087879616.1	541	M23V	nd	<i>Citrobacter freundii</i>	Pig	China	Li XP, 2017	28433744	
mcr-3.20	FLW001000034.1	NG_055493.1	1626	WP_065801616.1	541	D295E	nd	<i>Klebsiella pneumoniae</i>	Human	Thailand	Pathogen Informatics, Wellcome Trust	Unpublished	
mcr-3.21	MH371140.1	NG_065453.1	1626	WP_094312656.1	541	nd	IncI1	<i>Klebsiella pneumoniae</i>	Stool	France	Hadjadi L, 2019	31849875	
mcr-3.22	NQCT02000005.1	NG_060581.2	1626	WP_094308975.1	541	nd	nd	<i>Klebsiella pneumoniae</i>	Swine	Thailand	Fouts D, 2017	Unpublished	
mcr-3.23	NQCT01000032.1	NG_060583.1	1626	WP_094313523.1	541	nd	nd	<i>Klebsiella pneumoniae</i>	Human	Thailand	Fouts D, 2017	Unpublished	
mcr-3.24	NQCB01000188.1	NG_060580.1	1626	WP_094221595.1	541	nd	nd	<i>Shigella sonnei</i>	Human	Thailand	Fouts D, 2017	Unpublished	
mcr-3.25	PPFD01000085.1	NG_060585.1	1623	WP_103252528.1	540	nd	nd	<i>Aeromonas veronii</i>	Human	China	Sun Q, 2018	29774212	
mcr-3.26	MH971139.1	NG_065455.1	1626	WP_10423331.1	541	nd	IncFII	<i>Klebsiella pneumoniae</i>	Stool	Unknown (USA?)	Hadjadi L, 2019	31849875	
mcr-3.27	MH131694.1	NG_064790.1	1623	WP_01778762.1	540	nd	nd	<i>Aeromonas hydrophila</i>	Human	Malaysia	Chan YX, 2019	Unpublished	
mcr-3.28	MHS22717.1	NG_066546.1	1626	WP_150823496.1	541	nd	IncP1	<i>Klebsiella pneumoniae</i>	Stool	Unknown (USA?)	Hadjadi L, 2019	31849875	
mcr-3.29	MKS21074.1	NG_064791.1	1626	WP_136512112.1	541	nd	nd	<i>Escherichia coli</i>	Human	Vietnam	Yang QE, 2019	Unpublished	
mcr-3.30	MH536730.1	NG_065456.1	1407	WP_140423332.1	468	nd	chromosome/incW?	<i>Aeromonas veronii</i>	Feces	India	Ragupathi NKD, 2019	preprint https://doi.org/10.1101/576421	mcr-3.30 referred to as mcr-3.19 in the manuscript
mcr-3.31	MT757846.1	NG_070769.1	1623	WP_18831890.1	540	nd	nd	Uncultured	Bat	China	LV D, 2020	Unpublished	
mcr-3.32	MT757847.1	NG_070770.1	1623	WP_18831891.1	540	nd	nd	Uncultured	Swine	China	LV D, 2020	Unpublished	
mcr-3.33	MT791039.1	NG_070771.1	1623	WP_18831892.1	540	nd	nd	<i>Aeromonas jandaei</i>	Unknown - river water	South Africa	Snyman Y, 2020	Unpublished	
mcr-3.34	MT791040.1	NG_070772.1	1623	WP_18831893.1	540	nd	nd	<i>Aeromonas jandaei</i>	Unknown - river water	South Africa	Snyman Y, 2020	Unpublished	
mcr-3.35	MT809044.1	NG_070773.1	1623	WP_18831894.1	540	nd	nd	<i>Aeromonas jandaei</i>	Unknown - river water	South Africa	Snyman Y, 2020	Unpublished	
mcr-3.36	MT809045.1	NG_070774.1	1623	WP_18831895.1	540	nd	nd	<i>Aeromonas jandaei</i>	Unknown - river water	South Africa	Snyman Y, 2020	Unpublished	
mcr-3.37	MT809047.1	NG_070775.1	1623	WP_18831896.1	540	nd	nd	<i>Aeromonas veronii</i>	Unknown - river water	South Africa	Snyman Y, 2020	Unpublished	
mcr-3.38	MT787344.1	NG_070776.1	1623	WP_039039919.1	540	nd	nd	<i>Aeromonas caviae</i>	Human	Japan	Yu L, 2020	Unpublished	
mcr-3.39	MT877221.1	NG_070777.1	1626	WP_114500971.1	541	nd	nd	<i>Escherichia coli</i>	Swine	Thailand	Leangapichart T, 2020	Unpublished	
mcr-3.40	MT877222.1	NG_070778.1	1626	WP_18831897.1	541	nd	nd	<i>Klebsiella pneumoniae</i>	Human	Thailand	Leangapichart T, 2020	Unpublished	
mcr-3.41	JACEG010000001.1	NG_071230.1	1623	WP_181497495.1	540	nd	nd	<i>Aeromonas veronii</i>	Human	Thailand	Hairongrit R, 2020	Unpublished	
mcr-4.1	MFS43359	NG_056559.1	1626	WP_099156046.1	541	nd	ColE	<i>Salmonella Typhimurium</i>	Pig	Italy	Carrolli A, 2017	28797329	
mcr-4.2	MG459157	NG_057471.1	1626	WP_109545058.1	541	Q331R	nd	<i>Escherichia coli</i>	Pig	Germany	Hammerl JA, 2018	Unpublished	
mcr-4.2 (same as above)	MG822663	---	---	---	---	---	nd	<i>Escherichia coli</i>	Pig	Spain	Garcia et al, 2018	29635007	
mcr-4.2 (same as above)	MG581979	---	1626 (missing bp. in submitted sequence)	---	---	---	nd	<i>Salmonella Typhimurium</i>	Human	Italy	Carretto E, 2018	29338810	
mcr-4.3	MG026621.1	NG_057461.1	1626	WP_011638903.1	541	V179G/V236F	nd	<i>Enterobacter cloacae</i>	Human	Singapore	Teo JWP, 2018	29237785	mcr-4.3 referred to as mcr-4.2 in the manuscript
mcr-4.4	MG822665.1	NG_057465.1	1626	WP_109545055.1	541	Q331R/P110L	nd	<i>Escherichia coli</i>	Pig	Spain	Garcia et al, 2018	29635007	
mcr-4.5	MG822664.1	NG_057464.1	1626	WP_109545054.1	541	Q331R/H205N	nd	<i>Escherichia coli</i>	Pig	Spain	Garcia et al, 2018	29635007	
mcr-4.6	MH423812 / ERS1801979	NG_061608.1	1626	WP_116786828.1	541	V236F	nd	<i>Salmonella Kedougou</i>	Pig	Spain	Rebello AR, 2018	29439754	mcr-4.6 referred to as mcr-4.3 in the manuscript
mcr-5.1	KY807921	NG_055658.1	1644	WP_053821788.1	547	nd	ColE	<i>Salmonella Paratyphi B</i>	Chicken	Germany	Borowiak M, 2017	28962028	
mcr-5.2	MG384740	NG_057467.1	1641	WP_109545057.1	546	E234del	ColE?	<i>Enterobacteriaceae</i>	Pig	Germany	Hammerl JA, 2018	29444245	
mcr-5.3	MG886287.1	NG_061405.1	1644	WP_114699378.1	547	nd	nd	<i>Escherichia coli</i>	Horse	Brazil	Fernandes M, 2018	Unpublished	
mcr-5.4	MK965519.1	NG_065945.1	1644	QCT85452.1	547	nd	nd	Unknown	Hospital metagenome		Fleres G, 2019	31504580	
mcr-6.1	MF176240.1	NG_055781.1	1617	WP_099882813.1	538	nd	nd	<i>Moraxella sp.</i>	Pig	United Kingdom	AbuOun M, 2018	29091227	
mcr-7.1	MG267386.1	NG_056413.1	1620	WP_104009851.1	539	nd	IncHI2	<i>Klebsiella pneumoniae</i>	Chicken	China	Yang Y, 2018	29912417	
mcr-8	MG736312.1	NG_061399.1	1698	WP_114699275.1	565	nd	IncFII	<i>Klebsiella pneumoniae</i>	Pig	China	Wang X, 2018	29970891	
mcr-8.2	MH638291.1	NG_061627.1	1698	WP_072310976.1	565	nd	nd	<i>Klebsiella pneumoniae</i>	Unknown	China	Xiang R, 2018	Unpublished	
mcr-8.2 (same as above)	MHR21191.1	---	---	---	---	---	nd	<i>Klebsiella pneumoniae</i>	Human urine	China	Qin S, 2018	Unpublished	
mcr-8.2 (same as above)	MH703569.1	---	---	---	---	---	nd	<i>Klebsiella pneumoniae</i>	Human sputum	China	Yao Z, 2018	Unpublished	
mcr-8.3	MH598530.1	NG_066547.1	1698	WP_150823497.1	565	nd	IncFII	<i>Klebsiella pneumoniae</i>	Stool	France	Hadjadi L, 2019	31849875	
mcr-8.4	MHR91448.1	None	1698	AXR70233.1	565	nd	nd	<i>Raoultella ornithinolytica</i>	Chicken	China	Wang X, 2018	Unpublished	
mcr-8.5	MNR36537.1	None	1698	QKV49902.1	565	N564D	IncFII(K)	<i>Klebsiella pneumoniae</i>	Chicken	China	Sun S, 2020	32401163	
mcr-9.1	MK791138.1	NG_064792.1	1620	WP_001572373.1	539	nd	IncHI2	<i>Salmonella Typhimurium</i>	Human	USA	Carroll LM, 2019	31064835	
mcr-9 (same as above)	MK070339.1	---	---	---	---	---	IncHI2	<i>Escherichia coli</i>	Human	France	Kieffer N, 2019	31209009	
mcr-9 (same as above)	MHR29594.1:224605-226224	---	---	---	---	---	IncHI2	<i>Enterobacter cloacae</i>	Swine feces	China	Zhu Y, 2020	30879063	
mcr-9.2	MN164032.1	None	1623	QDM39449.1	540	nd	nd	<i>Enterobacter hormaechei</i>	Human	China	Feng Y, 2019	Unpublished	
mcr-9.3	MTS05326.1	None	1620	QKF95689.1	539	nd	nd	<i>Klebsiella pneumoniae</i>	Human	Portugal	Manageiro V, 2020	Unpublished	
mcr-10.1	MN179494.1	NG_066767.1	1620	WP_023332837.1	539	nd	IncFIA	<i>Enterobacter roggenkampii</i>	Human	China	Weil L, 2020	32116151	

Literature overview collected by Ana Rita Bastos Rebelo, DTU Food (updated 21-12-2020)

Legend:

nd: Not determined

Grey: repeated sequence