

Supplementary Table S1 – List of the *mcr*-like gene families and alleles available at the NCBI AMR database and/or published, along with the GenBank accessions for the nucleotide and protein sequences found in *Klebsiella pneumoniae*.

<i>mcr</i> -gene family	<i>mcr</i> - allelic variants	Reference of the nucleotide sequence	Reference of the protein sequence	Presence in <i>Klebsiella pneumoniae</i>
<i>mcr-1</i>	<i>mcr-1.1</i>	NG_050417.1	WP_049589868.1	Present
	<i>mcr-1.2</i>	NG_051170.1	WP_065274078.1	Present
	<i>mcr-1.3</i>	NG_052861.1	WP_077064885.1	Absent
	<i>mcr-1.4</i>	NG_052664.1	WP_076611062.1	Absent
	<i>mcr-1.5</i>	NG_052663.1	WP_076611061.1	Absent
	<i>mcr-1.6</i>	NG_052893.1	WP_077248208.1	Absent
	<i>mcr-1.7</i>	NG_054678.1	WP_085562392.1	Absent
	<i>mcr-1.8</i>	NG_054697.1	WP_085562407.1	Absent
	<i>mcr-1.9</i>	NG_055582.1	WP_099982800.1	Absent
	<i>mcr-1.10</i>	NG_055583.1	WP_096807442.1	Absent
	<i>mcr-1.11</i>	NG_055784.2	WP_099982815.1	Absent
	<i>mcr-1.12</i>	NG_056412.1	WP_104009850.1	Absent
	<i>mcr-1.13</i>	NG_057466.1	WP_109545056.1	Absent
	<i>mcr-1.14</i>	NG_057460.1	WP_109545052.1	Present
	<i>mcr-1.15</i>	NG_061610.1	WP_116786830.1	Present
	<i>mcr-1.16</i>	NG_064787.1	WP_136512110.1	Absent
	<i>mcr-1.17</i>	NG_064788.1	WP_136512111.1	Absent
	<i>mcr-1.18</i>	NG_064789.1	WP_106743337.1	Absent
	<i>mcr-1.19</i>	NG_065449.1	WP_129336087.1	Absent
	<i>mcr-1.20</i>	NG_065450.1	WP_140423329.1	Absent
	<i>mcr-1.21</i>	NG_065451.1	WP_140423330.1	Absent
	<i>mcr-1.22</i>	NG_065944.1	WP_148044477.1	Absent
	<i>mcr-1.23</i>	NG_067235.1	WP_160164897.1	Absent
	<i>mcr-1.24</i>	NG_067236.1	WP_160164898.1	Absent
	<i>mcr-1.25</i>	NG_067237.1	WP_160164899.1	Absent
	<i>mcr-1.26</i>	NG_068217.1	WP_034169413.1	Absent
	<i>mcr-1.27</i>	NG_068218.1	WP_163397051.1	Absent
<i>mcr-2</i>	<i>mcr-2.1</i>	NG_051171.1	WP_065419574.1	Present
	<i>mcr-2.2</i>	NG_055496.1	WP_078254299.1	Absent
	<i>mcr-2.3</i>	NG_065452.1	WP_094323230.1	Absent
<i>mcr-3</i>	<i>mcr-3.1</i>	NG_055505.1	WP_039026394.1	Absent
	<i>mcr-3.2</i>	NG_055523.1	WP_094315354.1	Absent
	<i>mcr-3.3</i>	NG_055783.1	WP_099982814.1	Absent
	<i>mcr-3.4</i>	NG_055492.1	WP_065804663.1	Present
	<i>mcr-3.5</i>	NG_055782.1	WP_089613755.1	Absent
	<i>mcr-3.6</i>	NG_055660.1	WP_042649074.1	Absent
	<i>mcr-3.7</i>	NG_055661.1	WP_099156047.1	Absent
	<i>mcr-3.8</i>	NG_055662.1	WP_099156048.1	Absent
	<i>mcr-3.9</i>	NG_055663.1	WP_099156049.1	Absent
	<i>mcr-3.10</i>	NG_055799.1	WP_099982820.1	Absent
	<i>mcr-3.11</i>	NG_056184.1	WP_102607465.1	Absent
	<i>mcr-3.12</i>	NG_057484.1	WP_109545070.1	Absent
	<i>mcr-3.13</i>	NG_060514.1	WP_111273842.1	Absent

	<i>mcr-3.14</i>	NG_060515.1	WP_111273843.1	Absent
	<i>mcr-3.15</i>	NG_060516.1	WP_111273844.1	Absent
	<i>mcr-3.16</i>	NG_060517.1	WP_111273845.1	Absent
	<i>mcr-3.17</i>	NG_060518.1	WP_111273846.1	Absent
	<i>mcr-3.18</i>	NG_060519.1	WP_111273847.1	Absent
	<i>mcr-3.19</i>	NG_055497.1	WP_087879616.1	Absent
	<i>mcr-3.20</i>	NG_055493.1	WP_065801616.1	Present
	<i>mcr-3.21</i>	NG_065453.1	WP_094312656.1	Present
	<i>mcr-3.22</i>	NG_060581.2	WP_094308975.1	Present
	<i>mcr-3.23</i>	NG_060583.1	WP_094313523.1	Absent
	<i>mcr-3.24</i>	NG_060580.1	WP_094321595.1	Absent
	<i>mcr-3.25</i>	NG_060585.1	WP_103252528.1	Absent
	<i>mcr-3.26</i>	NG_065455.1	WP_140423331.1	Present
	<i>mcr-3.27</i>	NG_064790.1	WP_017778762.1	Absent
	<i>mcr-3.28</i>	NG_066546.1	WP_150823496.1	Present
	<i>mcr-3.29</i>	NG_064791.1	WP_136512112.1	Absent
	<i>mcr-3.30</i>	NG_065456.1	WP_140423332.1	Absent
<i>mcr-4</i>	<i>mcr-4.1</i>	NG_057470.1	WP_099156046.1	Absent
	<i>mcr-4.2</i>	NG_057471.1	WP_109545058.1	Absent
	<i>mcr-4.3</i>	NG_057461.1	WP_011638903.1	Absent
	<i>mcr-4.4</i>	NG_057465.1	WP_109545055.1	Absent
	<i>mcr-4.5</i>	NG_057464.1	WP_109545054.1	Absent
	<i>mcr-4.6</i>	NG_061608.1	WP_116786828.1	Absent
<i>mcr-5</i>	<i>mcr-5.1</i>	NG_055658.1	WP_053821788.1	Absent
	<i>mcr-5.2</i>	NG_057467.1	WP_109545057.1	Absent
	<i>mcr-5.3</i>	NG_061405.1	WP_114699278.1	Absent
	<i>mcr-5.4</i>	NG_065945.1	WP_148044478.1	Absent
<i>mcr-6</i>	<i>mcr-6.1</i>	NG_055781.1	WP_099982813.1	Absent
<i>mcr-7</i>	<i>mcr-7.1</i>	NG_056413.1	WP_104009851.1	Present
<i>mcr-8</i>	<i>mcr-8.1</i>	NG_061399.1	WP_114699275.1	Present
	<i>mcr-8.2</i>	NG_061627.1	WP_072310976.1	Present
	<i>mcr-8.3</i>	NG_066547.1	WP_150823497.1	Present
<i>mcr-9</i>	<i>mcr-9.1</i>	NG_064792.1	WP_001572373.1	Absent
<i>mcr-10</i>	<i>mcr-10.1</i>	NG_066767.1	WP_023332837.1	Absent