

ID	PFGE group	PMQR genes		MAMA PCR results		
				<i>gyrA</i>		<i>pa</i>
		<i>qnr</i>	<i>aac(6')-Ib-cr</i>	83	87	80
K52	A1	-VE	-VE	mutation	mutation	mutation
K109	A1	-VE	-VE	mutation	mutation	mutation
K130	A1	-VE	-VE	mutation	mutation	mutation
M15	A1	-VE	-VE	mutation	mutation	mutation
M27	A1	-VE	-VE	mutation	mutation	mutation
M44	A1	-VE	-VE	mutation	mutation	mutation
M49	A1	-VE	-VE	mutation	mutation	mutation
M56	A1	-VE	-VE	mutation	mutation	mutation
M63	A1	-VE	-VE	mutation	mutation	mutation
M71	A1	-VE	-VE	mutation	mutation	mutation
M74	A1	-VE	-VE	mutation	mutation	mutation
M82	A1	-VE	Positive	mutation	mutation	mutation
M99	A1	-VE	Positive	mutation	mutation	mutation
M102	A1	-VE	-VE	mutation	mutation	mutation
M35	A2	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
K14	A3	<i>qnrB (qnrB7)*</i>	-VE	mutation	Wild type	Wild type
M5	A3	-VE	-VE	mutation	Wild type	Wild type
M21	A3	-VE	-VE	mutation	Wild type	Wild type
M58	A3	<i>qnrB</i>	-VE	mutation	Wild type	Wild type
M60	A3	<i>qnrB (qnrB7)</i>	-VE	mutation	Wild type	Wild type
M91	A3	<i>qnrB</i>	-VE	mutation	Wild type	Wild type
M92	A3	<i>qnrB</i>	-VE	mutation	Wild type	Wild type
M104	A3	<i>qnrB</i>	-VE	mutation	Wild type	Wild type
M69	A4	-VE	-VE	mutation	mutation	mutation
M37	A5	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M96	A6	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
K114	A7	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M66	A7	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M70	A7	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M73	A7	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M75	A8	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
K126	A9	-VE	Positive	Wild type	Wild type	Wild type
M80	A9	-VE	Positive	Wild type	Wild type	Wild type
M93	A9	-VE	Positive	Wild type	Wild type	Wild type
M4	A10	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M33	A10	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M46	A10	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M50	A10	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M67	A10	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M78	A10	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type

M30	A11	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M98	A12	-VE	Positive	Wild type	Wild type	Wild type
M103	A13	-VE	Positive	Wild type	Wild type	Wild type
K22	A14	-VE	Positive	Wild type	Wild type	Wild type
K92	A14	-VE	-VE	Wild type	Wild type	Wild type
M38	A14	<i>qnrB (qnrB1)</i>	Positive	Wild type	Wild type	Wild type
M81	A14	-VE	-VE	Wild type	Wild type	Wild type
M84	A15	-VE	Positive	Wild type	Wild type	Wild type
K106	A16	<i>qnrB (qnrB6)</i>	Positive	mutation	Wild type	Wild type
M40	A16	<i>qnrB</i>	Positive	mutation	Wild type	Wild type
K129	A16	-VE	Positive	Wild type	Wild type	Wild type
M105	A16	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M85	A17	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M90	A17	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M95	A17	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M32	A18	-VE	Positive	Wild type	Wild type	Wild type
M51	A18	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M107	A18	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M65	A19	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M100	A19	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
K27	A20	<i>qnrB (qnrB1)</i>	Positive	mutation	Wild type	mutation
M52	A20	<i>qnrB</i>	Positive	mutation	Wild type	mutation
M77	A20	<i>qnrB</i>	Positive	mutation	Wild type	mutation
M89	A21	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M11	A22	-VE	Positive	Wild type	Wild type	Wild type
M79	A23	<i>qnrB (qnrB6)</i>	Positive	Wild type	Wild type	Wild type
K66	A24	-VE	-VE	mutation	Wild type	mutation
M61	A25	<i>qnrB (qnrB1)</i>	-VE	Wild type	Wild type	Wild type
M87	A25	-VE	Positive	Wild type	Wild type	Wild type
M59	A26	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M86	A27	-VE	-VE	mutation	Wild type	mutation
M2	A28	<i>qnrB</i>	Positive	mutation	Wild type	mutation
M57	A28	<i>qnrB</i>	Positive	mutation	Wild type	mutation
M106	A28	<i>qnrB</i>	Positive	mutation	Wild type	mutation
M109	A28	<i>qnrB</i>	Positive	mutation	Wild type	mutation
M111	A28	<i>qnrB</i>	Positive	mutation	Wild type	mutation
M48	A29	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
M110	B1	<i>qnrB</i>	-VE	Wild type	Wild type	Wild type
K24	B2	<i>qnrB (qnrB6)</i>	Positive	Wild type	Wild type	Wild type
K40	B3	<i>qnrB</i>	Positive	Wild type	Wild type	Wild type
NDM	C1	<i>qnrB</i>	Positive	mutation	mutation	mutation
M36	C2	<i>qnrB</i>	Positive	mutation	mutation	Wild type
K50	D1	-VE	-VE	mutation	Wild type	mutation

K112	D1	-VE	-VE	<b>mutation</b>	<b>Wild type</b>	<b>mutation</b>
M13	D1	-VE	-VE	<b>mutation</b>	<b>Wild type</b>	<b>mutation</b>
M28	D1	-VE	-VE	<b>mutation</b>	<b>Wild type</b>	<b>mutation</b>
K12	D2	<i>qnrS</i>	-VE	<b>Wild type</b>	<b>Wild type</b>	<b>Wild type</b>
M72	D3	<i>qnrB</i>	Positive	<b>Wild type</b>	<b>Wild type</b>	<b>Wild type</b>
M1	E1	<i>qnrB</i>	Positive	<b>Wild type</b>	<b>Wild type</b>	<b>Wild type</b>
M68	E1	<i>qnrB</i>	Positive	<b>Wild type</b>	<b>Wild type</b>	<b>Wild type</b>
K103	E2	-VE	Positive	<b>Wild type</b>	<b>Wild type</b>	<b>Wild type</b>
M47	E3	<i>qnrB</i>	Positive	<b>Wild type</b>	<b>Wild type</b>	<b>Wild type</b>
K5	E4	<i>qnrB (qnrB1)</i>	Positive	<b>Wild type</b>	<b>Wild type</b>	<b>Wild type</b>

\* *qnrB* alleles determined by sequencing































Wild type	not done	not done	0	2	2
Wild type	not done	not done	0	1	0.094
Wild type	not done	not done	0	1	0.25
Wild type	not done	not done	0	1	0.125
Wild type	not done	not done	0	0	0.047
Wild type	not done	not done	0	2	1
Wild type	not done	not done	0	0	0.032
Wild type	not done	not done	0	1	0.38
mutation	S83I	E84K	2	4	$\geq 32$
mutation	S83I	E84K	2	4	$\geq 32$
Wild type	<b>Wild type</b>	<b>Wild type</b>	0	1	0.19
Wild type	<b>Wild type</b>	<b>Wild type</b>	0	2	2
Wild type	not done	not done	0	2	2
Wild type	not done	not done	0	2	2
Wild type	not done	not done	0	2	2
Wild type	not done	not done	0	1	0.38
Wild type	not done	not done	0	2	2
Wild type	not done	not done	0	2	2
Wild type	not done	not done	0	2	2
Wild type	not done	not done	0	2	2
Wild type	S83I	S80I	2	4	$\geq 32$
Wild type	S83I	not done	2	4	$\geq 32$
Wild type	not done	S80I	2	4	$\geq 32$
Wild type	not done	not done	0	2	2
Wild type	not done	not done	0	1	0.094
Wild type	<b>Wild type</b>	<b>Wild type</b>	0	2	$\geq 32$
Wild type	S83I	S80R	2	2	$\geq 32$
Wild type	not done	not done	0	1	0.75
Wild type	not done	not done	0	1	0.125
Wild type	not done	not done	0	2	2
Wild type	not done	S80I	2	2	$\geq 32$
Wild type	S83I	S80I	2	4	$\geq 32$
Wild type	not done	not done	2	4	$\geq 32$
Wild type	not done	S80I	2	4	$\geq 32$
Wild type	not done	not done	2	4	$\geq 32$
Wild type	not done	not done	2	4	$\geq 32$
Wild type	not done	not done	2	4	$\geq 32$
Wild type	not done	not done	0	2	2
Wild type	not done	not done	0	1	0.5
Wild type	<b>Wild type</b>	not done	0	2	2
Wild type	not done	<b>Wild type</b>	0	2	2
Wild type	not done	S80I	3	5	$\geq 32$
Wild type	not done	not done	2	4	$\geq 32$
Wild type	S83I	S80I	2	2	4

<b>Wild type</b>	S83I	S80I	2	2	4
<b>Wild type</b>	S83I	S80I	2	2	6
<b>Wild type</b>	S83I	S80I	2	2	6
<b>Wild type</b>	not done	not done	0	1	0.5
<b>Wild type</b>	not done	not done	0	2	1
<b>Wild type</b>	not done	not done	0	2	2
<b>Wild type</b>	not done	not done	0	2	2
<b>Wild type</b>	not done	not done	0	1	0.094
<b>Wild type</b>	not done	not done	0	2	2
<b>Wild type</b>	<b>Wild type</b>	<b>Wild type</b>	0	2	2



























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