

Table S1. Antibiotic resistance patterns of nontuberculous mycobacterial isolate in South Korean soils

NTM species		Resistant pattern	No. of isolates
MAC	<i>M.intracellulare</i>	RIF+STR+AMK+AZI+ETH+INZ+IMP	1
		STR+AMK+AZI+ETH+INZ+MXF+IMP	1
		RIF+STR+AMK+AZI+INZ+IMP	1
		STR+AMK+AZI+ETH+INZ+IMP	5
		STR+AMK+ETH+INZ+IMP	2
		STR+AMK+AZI+INZ+IMP	11
		STR+ETH+INZ+IMP	1
		STR+AZI+INZ+IMP	1
		AMK+AZI+INZ+IMP	1
		AMK+ETH+INZ+IMP	2
		STR+INZ+IMP	2
		ETH+INZ+IMP	1
		INZ+IMP	1
		AMK+IMP	1
		STR+IMP	1
		INZ	1
		IMP	1
		Susceptible to all tested drugs	1
		<i>M.colombiense</i>	STR+INZ+IMP
	INZ+IMP		2
	STR+IMP		3
	INZ		3
	IMP		1
	Susceptible to all tested drugs		8
	<i>M.chimaera</i>	ETH+INZ+IMP	1
		INZ+IMP	2
		AZI+IMP	1
		INZ	1
		Susceptible to all tested drugs	1
	<i>M.marseillense</i>	INZ+IMP	5
		Susceptible to all tested drugs	1
	<i>M.bouchedurhonense</i>	STR+IMP	1
		INZ	1
Susceptible to all tested drugs		1	
<i>M.vulneris</i>	INZ+IMP	1	
	Susceptible to all tested drugs	1	
<i>M.kumamotoense</i>	STR+AMK+INZ+IMP	2	
	STR+AZI+ETH+INZ+IMP	1	
	STR+AZI+INZ+IMP	1	

Non-MAC SGM		STR+INZ+IMP	1	
		STR+ETH+INZ+IMP	1	
		ETH+INZ+IMP	1	
	<i>M.saskatchewanense</i>		STR+INZ	1
			INZ	6
			Susceptible to all tested drugs	1
	<i>M.paraense</i>		RIF+STR+AZI+ETH+IMP	1
			STR+INZ	1
			ETH+INZ	1
			INZ	1
	<i>M.engbaekii</i>		STR+AMK+ETH+INZ+MXF+IMP	1
			STR+AMK+INZ+MXF+IMP	1
			STR+AMK+AZI+INZ+MXF+IMP	1
	<i>M.parmense</i>		INZ+IMP	1
			INZ	1
	<i>M.sinense</i>		INZ+IMP	2
			STR+INZ+IMP	1
			INZ	1
	<i>M.genavense</i>		INZ	1
	<i>M.parascrofulaceum</i>		INZ+IMP	1
<i>M.europaeum</i>		IMP	1	
<i>M.shimodei</i>		INZ+IMP	1	
<i>M.mantanii</i>		STR+INZ+IMP	1	
RGM	<i>M.fortuitum</i>	RIF+STR+AZI+INZ	1	
		RIF+AZI+INZ	1	
		RIF+STR+AZI+ETH+INZ	1	
		RIF+STR+AZI+INZ	2	
		RIF+AZI+INZ	1	
	<i>M.peregrinum</i>	RFI+STR+ETH+INZ	2	
		STR+AZI+ETH+INZ	1	
		RIF+ETH+INZ	1	
		RIF+STR+INZ	2	
		RIF+INZ+IMP	1	
		ETH+INZ	4	
		STR+INZ	1	
		INZ+IMP	1	
		INZ	2	
	STR	1		
	<i>M.septicum</i>	RIF+STR+ETH+INZ+MXF+IMP	1	
		AZI+INZ+IMP	1	
		ETH+INZ	1	
	<i>M.houstonense</i>		STR+ETH+INZ+MXF+IMP	1

	<i>M.chelonae</i>	RIF+STR+AZI+ETH+INZ+IMP	1
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Table S2. Minimal inhibitory concentrations of the slowly growing mycobacteria isolates

Range of MIC (g/ml)	0.0625	0.125	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>512
RIF	37	7	24	10	13	8	4	1	-	1	1	-			
STR			24	5	13	7	9	14	11	2	12	5	2	1	1
AMK			11	4	18	19	3	6	5	10	17	10	-	3	-
AZI			8	9	16	15	16	6	9	16	7	1	1	2	-
ETH			9	8	21	33	15	6	5	5	1	-	-	1	2
INZ			13	9	9	15	14	10	12	11	1	3	7	1	1
MXF	29	10	29	9	15	10	-	-	1	-	1	2			
IMP			8	3	2	5	2	4	9	8	13	11	38	3	

Table S3. Minimal inhibitory concentrations of the rapidly growing mycobacteria isolates

Range of MIC (g/ml)	0.0625	0.125	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>512
RIF	2	1	3	7	3	4	2	1	3	1					
STR			-	1	-	6	6	7	4	2	1	-	-	-	
AMK			3	-	3	12	2	3	3	1	-	-	-	-	
AZI			4	7	4	1	1	2	1	-	1	1	5	-	
ETH			1	-	1	7	6	3	5	-	-	-	-	1	3
INZ			-	-	3	1	6	2	1	1	6	2	3	-	2
MXF	13	-	12	1	-	-	-	-	-	1	-	-			
IMP			-	1	4	3	5	3	6	1	-	-	4		