

Supplementary File

Table S1. Accession number for four genes of these 12 type strains of *Nocardia* species as an indicator from GenBank.

No.	Species	Strains	16S rRNA	<i>gryB</i>	<i>hsp65</i>	<i>secA1</i>
1	<i>Nocardia brasiliensis</i>	ATCC 700358 ^T	AY245543	GQ496125	CP003876	AY781799
2	<i>Nocardia cyriacigeorgica</i>	DSM 43005 ^T	AF430020	GQ496121	EF127506	GU179101
3	<i>Nocardia farcinica</i>	DSM 43665 ^T	OK103762	GQ496115	KF432742	GU179106
4	<i>Nocardia niigatensis</i>	DSM 44670 ^T	AY903615	GQ496135	AY903629	DQ360278
5	<i>Nocardia asteroides</i>	ATCC 19247 ^T	AY756541	GQ496120	AY756513	CP089227
6	<i>Nocardia beijingensis</i>	JCM 10666 ^T	NR_115827	GQ496127	KF420485	DQ360268
7	<i>Nocardia otitidiscaviarum</i>	DSM 43242 ^T	NR_041874	GQ496100	AY756528	CP041695
8	<i>Nocardia crassostreae</i>	ATCC 700418 ^T	AY756548	AB450779	AY756520	DQ360280
9	<i>Nocardia asiatica</i>	DSM 44668 ^T	AY903617	AB450770	AY903631	JQ773453
10	<i>Nocardia amikacinitolerans</i>	AEH_16681 ^T	MK696294	HM444068	MK886466	MK876008
11	<i>Nocardia concava</i>	DSM 44804 ^T	NR_115958	GQ496122	AB427103	EU178746
12	<i>Nocardia cerradoensis</i>	DSM 44546 ^T	AY756547	GQ496123	AY756519	KT749662

Table S2. Housekeeping genes primer.

Primer name	Sequence	Target gene	Amplicon size (bp)	PCR cycling conditions
<i>Nocardia</i> -E8F	AGAGTTT-GATCCTGGCTCAG	16S rRNA	499	98°C 30s, 35 cycle, 98°C 5s, 56°C 5s, 72°C 20s, 1 cycle 72°C 1min
<i>Nocardia</i> -534r	ATTACCGCGGCTGCTGG			
<i>secA1</i> -F47	GCGACGCCGAGTGGATGG	<i>secA1</i>	521	98°C 30s, 35 cycle, 98°C 5s, 63°C 5s, 72°C 20s, 1 cycle 72°C 1min
<i>secA1</i> -ConR	GCGGACGATGTAGTCCTT-GTC			
<i>gyrB</i> -F	CTTCGCCAACAC-CATCAACAC	<i>gyrB</i>	611	98°C 30s, 35 cycle, 98°C 5s, 60°C 5s, 72°C 20s, 1 cycle, 72°C 1min
<i>gyrB</i> -R	TGATGATCGACTGGAC-CTCG			
<i>hsp65</i> -F	ACCAAC-GATGGTGTGTCCAT	<i>hsp65</i>	441	98°C 30s, 35 cycle, 98°C 5s, 54°C 5s, 72°C 20s, 1 cycle, 72°C 1min
<i>hsp65</i> -R	CTTGTCGAACCGCATACCCT			

[32]