

Species identification method	cases (n=596)	Proportion (%)	Species type	cases (n=596)	Proportion (%)
MALDI-TOF MS	131	21.98	<i>Nocardia farcinica</i>	157	26.34
16S rRNA gene sequencing	107	17.95	<i>Nocardia cyriacigeorgica</i>	110	18.46
Next-generation sequencing	221	37.08	<i>Nocardia brasiliensis</i>	82	13.76
Metagenomic next-generation sequencing (mNGS)	215	97.29	<i>Nocardia otitidiscaviarum</i>	66	11.07
Whole-genome sequencing (WGS), targeted next-generation sequencing (tNGS)	6	2.71	<i>Nocardia abscessus</i> complex ¹	62	10.40
			<i>Nocardia asteroides</i>	20	3.36
Two or more detection methods	137	22.99	<i>Nocardia nova</i> complex ²	19	3.19
MALDI-TOF MS + 16S rRNA gene sequencing	89	64.96	<i>Nocardia terpenica</i>	16	2.68
MALDI-TOF MS + genome sequencing (mNGS, tNGS, etc.)	31	22.63	<i>Nocardia transvalensis</i> complex ³	6	1.01
			<i>Nocardia spp</i> ⁴	35	5.87
MALDI-TOF MS + 16S rRNA gene sequencing + genome sequencing (mNGS, tNGS, etc.)	17	12.41	Other <i>Nocardia</i> species ⁵	23	3.86