

Fungal Community Analysis and Biodeterioration of Waterlogged Wooden Lacquerware from the Nanhai No. 1 Shipwreck

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Table 1. Fungal clone library ¹ results of NHI58 (2016.4).

Closet Relative Strain	Similarity	Copy Number	GenBank	Proportion
<i>Aspergillus versicolor</i>	99%	3	FJ878625.1	9.68%
<i>Penicillium sp.</i>	99%	11	KM232463.1	35.48%
<i>Penicillium rubens</i>	99%	10	LT558868.1	32.26%
<i>Penicillium commune</i>	99%	2	AF455467.1	6.45%
<i>Psathyrella murorum</i>	99%	1	KT192199.1	3.23%

Acremonium sclerotigenum 99% 4 KT878352.1 12.90%

¹ The DNA amount could not meet high-throughput sequencing requirements, so we used clone library method. The total copy number was 31.

Table 2. High throughput sequencing results of NHI58 (2017.6).

Abundance Ranking	Genus	Proportion
1	<i>Fusarium</i>	7.55%
2	<i>Pestalotiopsis</i>	1.99%
3	<i>Alternaria</i>	1.73%
4	<i>Histoplasma</i>	1.25%
5	<i>Cadophora</i>	0.83%
6	<i>Cryptococcus</i>	0.81%
7	<i>Rhizopus</i>	0.22%
8	<i>Talaromyces</i>	0.11%
9	<i>Exophiala</i>	0.09%
10	<i>Aspergillus</i>	0.05%

Table 3. High throughput sequencing results of NHI935 (2017.6).

Abundance Ranking	Genus	Proportion
1	<i>Fusarium</i>	34.37%
2	<i>Cadophora</i>	16.67%
3	<i>Talaromyces</i>	1.30%
4	<i>Exophiala</i>	1.28%
5	<i>Alternaria</i>	0.68%
6	<i>Pestalotiopsis</i>	0.47%
7	<i>Cryptococcus</i>	0.34%
8	<i>Aspergillus</i>	0.034%

9	<i>Rhizopus</i>	0.03%
10	<i>Histoplasma</i>	0%

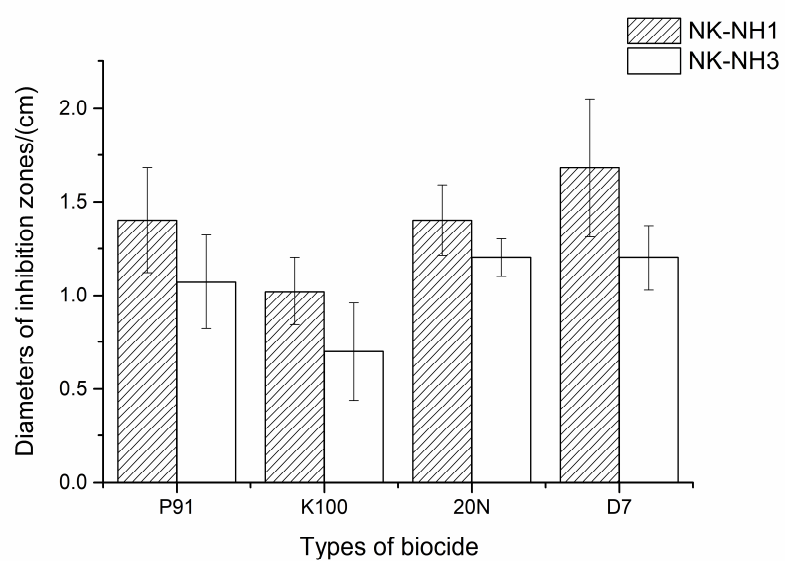


Figure S1. The diameters of the inhibition zones of the *F. solani* NK-NH1 and *P. chrysogenum* NK-NH3 at 0.1% concentration biocide agents.