Supplementary

Characteristics of atmospheric fungi in particle growth events along with new particle formation in the central North China Plain

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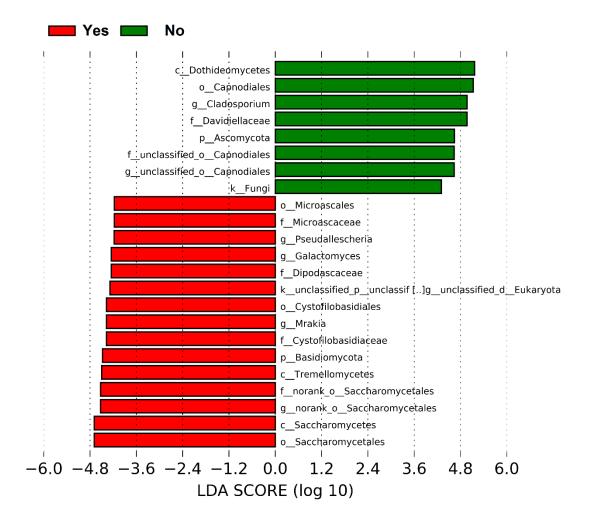


Figure S1. Analysis of differences in the fungi between under PGE-NPF (Yes) and non PGE-NPF condition (No). Taxa enriched in the non PGE-NPF condition (No) are indicated with a positive LDA score (green), and taxa enriched in the PGE-NPF (Yes) have a negative LDA score (red). The name of a higher taxon level was added before its taxon abbreviation.

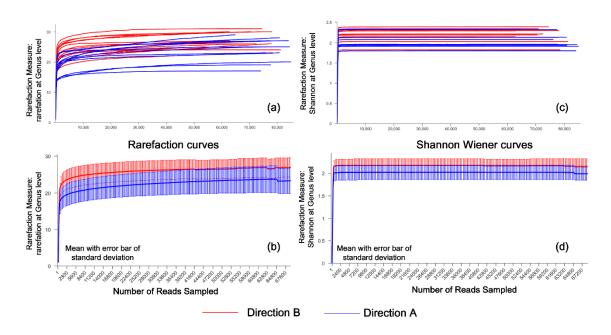


Figure S2. (a) Rarefaction curves for each sample at genus level. (b) Mean rarefaction curves for (a) with standard deviation error bar. (c) Shannon Wiener curves for each sample at genus level. (d) Mean Shannon Wiener curves for (c) with standard deviation error bar.

5.2	Yes	
5.3	Yes	
5.4		
5.5		
5.6	Yes	
5.7		
5.8		
5.9		Yes
5.10		
5.11		Yes
5.12		
5.13	Yes	
5.15	Yes	
5.16		Yes
5.17		Yes
5.18		Yes
5.19		
5.20	Yes	
5.21		
5.22		
5.23		Yes
5.24	Yes	
5.25		
5.26	Yes	
5.27		
5.28		Yes
5.29		
5.30		
5.31		
6.1		

Table S1. The date of sample collected and the PGE-NPF sample determined by SMPS

Taxa levels	Abbreviation
Kingdom	k

Phylum	p _
Class	c _
Order	o_
Family	f _
Genus	g
Genus	g_

Table S2. Abbreviation for Taxa levels