

Table S3. The information of *Ganoderma* spp. strains used in this study

Number	Strain name	Source	Type	Name
G10	CCMJ2444	Heilongjiang China	Wild	<i>Ganoderma tsugae</i>
G12	CCMJ2446	Guizhou China	Wild	<i>Ganoderma tsugae</i>
G17	CCMJ2451	Russia	Cultivated	<i>Ganoderma tsugae</i>
G20	CCMJ2454	Jilin China	Cultivated	<i>Ganoderma tsugae</i>
G27	CCMJ2461	Heilongjiang China	Cultivated	<i>Ganoderma tsugae</i>
G40	CCMJ2474	Heilongjiang China	Wild	<i>Ganoderma tsugae</i>
G41	CCMJ2475	Jilin China	Wild	<i>Ganoderma tsugae</i>
G42	CCMJ2476	Jilin China	Wild	<i>Ganoderma tsugae</i>
G43	CCMJ2477	Jilin China	Cultivated	<i>Ganoderma tsugae</i>
G78	CCMJ3025	Zhejiang China	Cultivated	<i>Ganoderma sichuanense</i>