

Supplementary Material

Identification, antimicrobial and plant growth promoting activities of endophytic fungi associated with *Cynomorium songaricum* Rupr., a traditional medicinal plant in Mongolia

Enkh-Amgalan Jigjiddorj *, Amarbayasgalan Maidarjav, Bumtsend Byambasuren and Daritsogzol Nyamgerel

¹Institute of Biology, Mongolian Academy of Sciences, Enkhtaivan avenue 54b, Ulaanbaatar 13330, Mongolia;

*Correspondence: enkhamgalanj@mas.ac.mn; Tel.: +976-11-451781

Supplementary data used for creating the figures

Table S1. Concentration of IAA produced by endophytic fungi

Isolates	With L-TRP			Without L-TRP		
P26-H2-2	1.839286	1.958333	1.779762	-	-	-
P26-R1-1	2.791667	2.613095	2.672619	-	-	-
P26-R1-3	4.815476	4.696429	4.458333	-	-	-
P26-R2-1	2.970238	2.85119	2.970238	-	-	-
P26-ZN1-2	27.02	25	23	-	-	-
P26-ZN2-4	8.09	7	6.8	-	-	-
P26-ZO1-4	4.22	5	4.1	-	-	-
P26-ZO1-5	0.708333	0.708333	0.827381	-	-	-
P26-ZO2-1	7.434524	7.672619	7.375	2.494048	2.672619	2.85119

Table S2. Phosphate and zinc solubilization index

Isolates	Zn			P		
P26-H2-1	2	1.9	2.1	-	-	-
P26-H2-2	2.1	2	1.9	-	-	-
P26-R1-1	2	1.9	2	-	-	-
P26-R1-3	2.25	2.3	2.1	-	-	-
P26-R2-1	2.1	2	2.1	-	-	-
P26-R2-2	2.2	2	2.05	-	-	-
P26-Zn1-1	2.23	2.05	2.2	-	-	-
P26-Zn1-3	2.14	2.14	2.1	-	-	-
P26-Zn2-2	2.57	2.42	2.42	-	-	-
P26-Zn2-3	2.38	2.38	2.46	2.1	2	2.1
P26-Zn2-4	2.43	2.3	2.34	-	-	-
P26-Zn2-5	3.5	3.5	3.4	2.16	2.16	2.18
P26-Zn2-6	2.2	2.3	2.2	-	-	-
P26-ZO1-1	3.1	3	3.1	2	2.04	2
P26-ZO1-3	2.38	2.38	2.3	-	-	-
P26-ZO1-4	2	2	1.9	-	-	-
P26-ZO1-5	2.28	2.38	2.19	-	-	-
P26-ZO1-6	2.05	2.05	1.9	-	-	-
P26-ZO2-1	2.02	1.9	1.97	-	-	-
P26-ZO2-2	2.09	2.1	2	-	-	-
P26-ZO2-3	2.2	2.1	2.1	-	-	-