



## Supplementary Materials

# The root nodule microbiome of cultivated and wild halophytic legumes showed similar diversity but distinct community structure in Yellow River Delta saline soils

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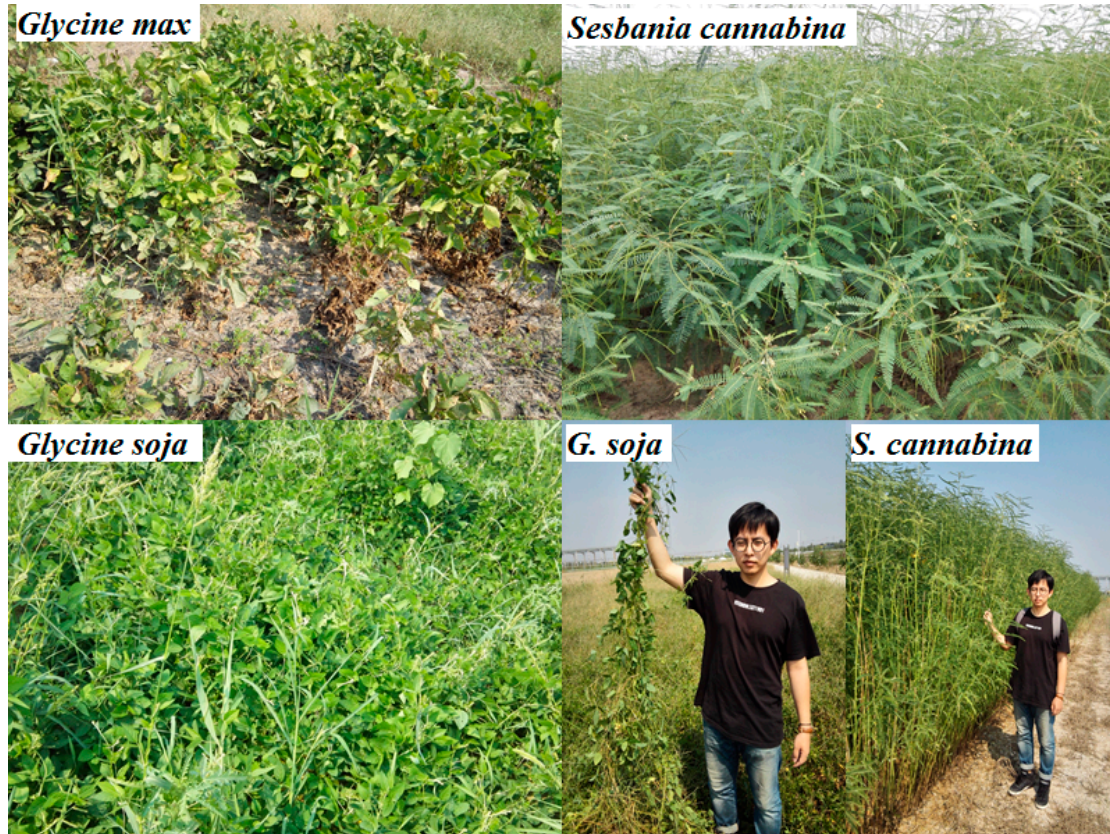
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**Figure S1: Investigations of the growth of *S. cannabina*, *G. soja*, and *G. max* in the field**

**Table S1. 16S rRNA read counts and number of identifiable units at different taxonomical levels**

Sample	Raw_Tags	Final_Tags	OTUs	Phylum	Genus	Species
Gs1	9024	2449	181	1	7	35
Gs2	6252	1433	210	3	18	53
Gs3	7478	2213	184	1	6	32
Sc1	5393	1524	157	1	2	11
Sc2	3869	1086	150	1	2	11
Sc3	5096	1365	156	1	2	11
Gm1	11180	2707	264	2	9	31
Gm2	4918	1015	207	2	12	44
Gm3	5813	1342	179	2	13	43

**Table S2. Operational taxonomic units common to 75% of samples**

OTU ID	Genus/Species	Gm1	Gm2	Gm3	Gs1	Gs2	Gs3	Sc1	Sc2	Sc3
denovo1901	<i>Ensifer</i>	9	1	1	0	19	0	45	28	33
denovo8435	<i>Ensifer</i>	4	1	0	0	10	1	13	7	8
denovo10033	<i>Ensifer</i>	32	13	1	0	40	1	103	86	104
denovo11873	<i>Ensifer/unidentified</i>	14	5	2	6	10	5	2	0	0
denovo12569	<i>Ensifer/unidentified</i>	29	13	4	0	45	3	67	29	29
denovo12913	<i>Ensifer/unidentified</i>	7	2	1	0	10	0	1	2	2
denovo13709	<i>Ensifer</i>	7	2	0	0	6	1	10	9	11
denovo16547	<i>Ensifer</i>	43	13	0	0	97	3	121	100	122
denovo20293	<i>Ensifer/unidentified</i>	36	11	1	0	36	2	79	49	97
denovo20381	<i>Ensifer/unidentified</i>	45	15	23	82	9	66	0	0	1
denovo25011	<i>Ensifer</i>	22	8	0	0	39	1	84	59	101
denovo26571	<i>Ensifer</i>	2	1	0	0	1	1	4	7	6
denovo27243	<i>Ensifer</i>	6	3	1	0	11	0	9	10	8
denovo29807	<i>Ensifer/unidentified</i>	16	7	8	6	9	11	2	2	2
denovo33526	<i>Ensifer/unidentified</i>	517	246	399	680	236	637	9	5	2
denovo35463	<i>Ensifer/unidentified</i>	27	6	1	2	42	3	0	1	5