Supplementary material

Influence mechanism of vermicompost with different maturity on atrazine catabolism and bacterial community

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Table S1 Topological characteristics of microbial network in different treatments.

Treatments	**CKn**	**SsV1**	**SsV2**	**SsV3**	**SnV1**	**SnV2**	**SnV3**
Total nodes	97	75	91	89	84	86	87
Total edges	728	353	642	624	347	360	495
Modularity	0.392	0.315	0.387	0.319	0.449	0.449	0.379
Average path distance	2.231	3.423	3.102	3.596	3.99	3.554	2.428
Average clustering coefficient	0.722	0.571	0.634	0.638	0.565	0.592	0.606
Average degree	29.30	9.41	14.11	14.02	8.26	8.37	11.38

CKs: sterilized soil. CKn: unsterilized soil. SsV1: sterilized soil amended with 45 days of vermicompost. SsV2: sterilized soil amended with 60 days of vermicompost. SsV3: sterilized soil amended with 75 days of vermicompost. SnV1: unsterilized soil amended with 45 days of vermicompost. SnV2: unsterilized soil amended with 60 days of vermicompost. SnV3: unsterilized soil amended with 75 days of vermicompost.

Figure S1

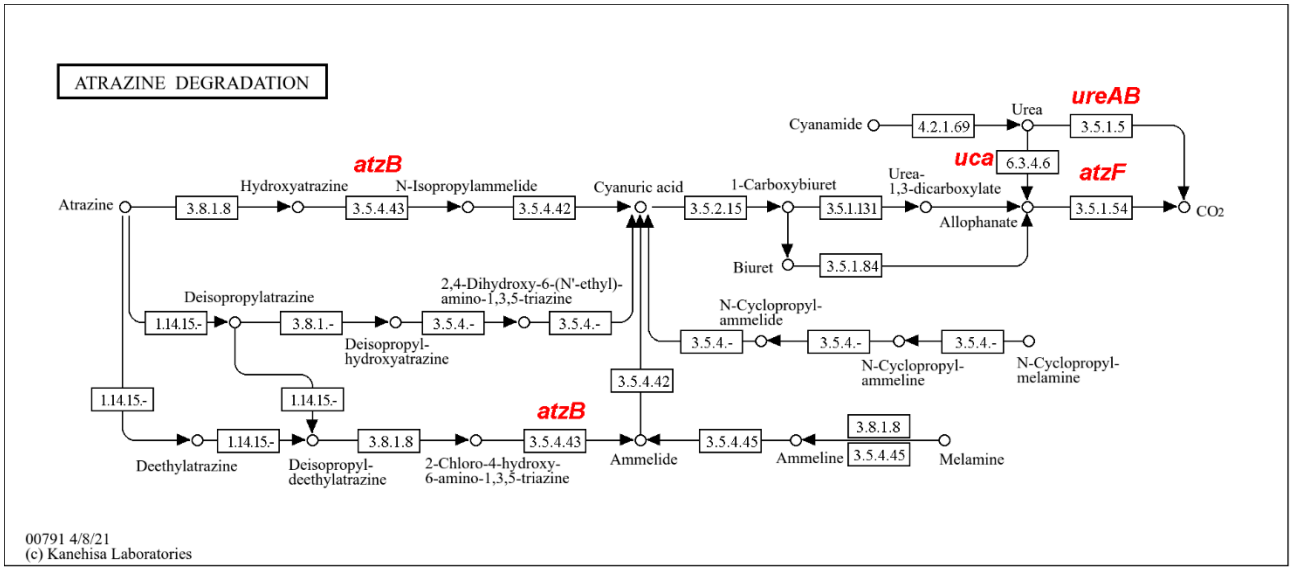


Figure S1 The atrazine degradation pathway map in KEGG pathway (map 00791).