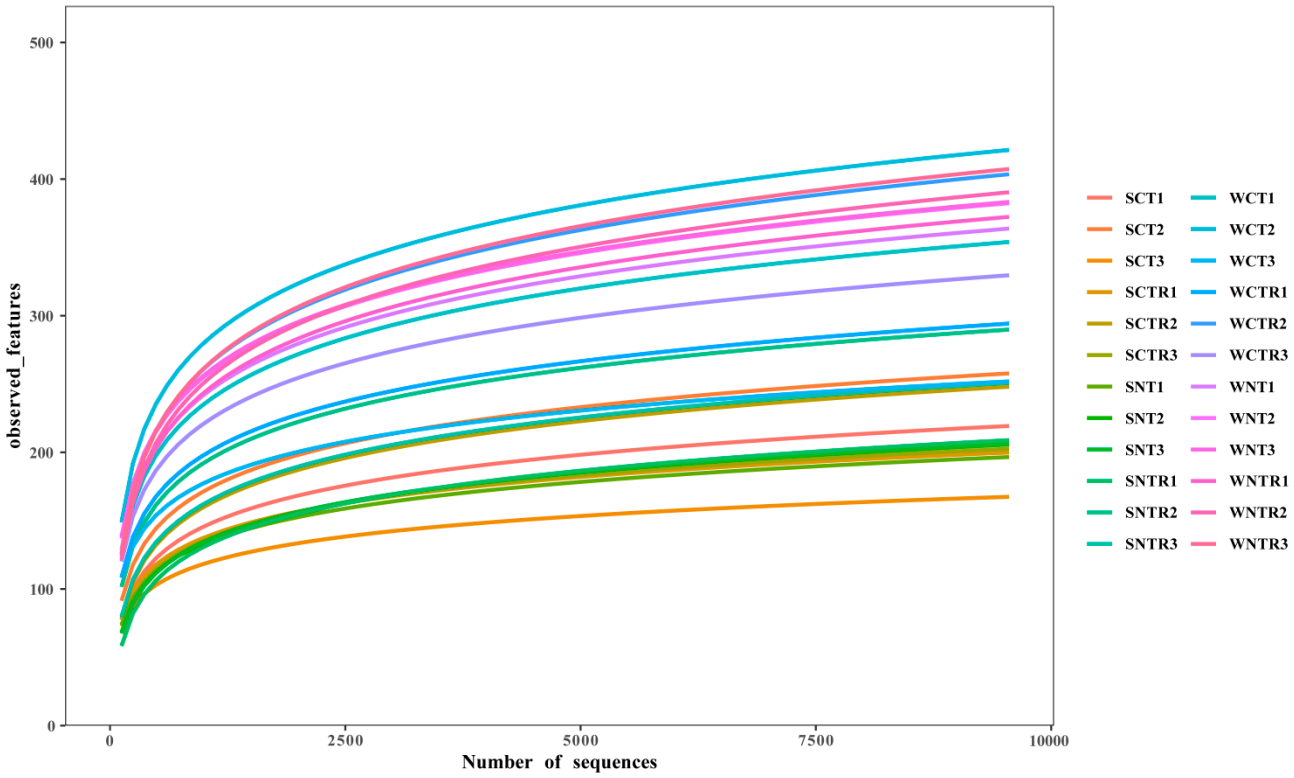
Supplementary



Supplementary Figure S1. Rarefaction curves of ASVs for different treatments. S=summer, W=winter; CT=conventional tillage, CTR=conventional tillage plus previous crop residue, NT=no-tillage, NTR=no-tillage plus previous crop residue.

Supplementary Table S1. Sequencing information obtained by Illumina sequencing platform in this study. S=summer, W=winter; CT=conventional tillage, CTR=conventional tillage plus previous crop residue, NT=no-tillage, NTR=no-tillage plus previous crop residue.

Sample ID	Raw reads	Clean reads	Denoised reads	Merged reads	Non-chimeric reads	ASV Numbers
SCT1	44399	38484	37877	37281	36647	263
SCT2	40442	33371	32698	32042	31768	297
SCT3	23754	12347	11768	11255	11193	167
SCTR1	16855	14878	14407	14068	14033	205
SCTR2	46166	39857	39113	38617	38311	309
SCTR3	31393	27445	26840	26364	26223	232
SNT1	31403	26864	26416	25701	25461	214
SNT2	37525	32964	32439	31872	31478	252
SNT3	30192	27000	26604	26323	26284	241
SNTR1	147788	94589	93699	92529	91211	328
SNTR2	26882	23052	22435	22067	21934	324
SNTR3	49811	43590	42875	42417	42200	321
WCT1	46939	36124	35416	34780	34406	417
WCT2	43876	35485	34602	33876	33640	485
WCT3	14607	10793	10230	9672	9552	247
WCTR1	24472	21059	20597	20085	20075	317
WCTR2	62939	54241	53256	52093	51658	521
WCTR3	31175	26817	26176	25846	25734	362
WNT1	41687	35629	34967	34274	33982	414
WNT2	43492	36585	35766	34991	34406	437
WNT3	37712	31227	30668	30093	30077	432
WNTR1	57081	49085	48309	47799	47677	462
WNTR2	79423	66960	66042	65383	64720	524
WNTR3	95377	81745	80700	79721	79042	562
Total	1105390	900191	883900	869149	861712	2071