

Supplementary material for

Effects of fertilisation on microbial communities in short-term coal mine reclamation

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Table S1. Statistical summary of sequencing library information for each sample

Sample ID	Overlapped reads number	Total length	Max length	Min length	N50
CK7y-1	81314	36592211	489	301	445
CK7y-2	85434	38687694	489	301	457
CK7y-3	88824	40261496	488	301	457
CF7y-1	56024	25326562	489	301	457
CF7y-2	83071	37526793	489	301	457
CF7y-3	88658	40140117	487	302	457
CK3y-1	81252	36715645	489	303	446
CK3y-2	87982	39830813	487	301	454
CK3y-3	83429	37715548	489	304	448
CF3y-1	89869	40665542	489	301	457
CF3y-2	78709	35637154	489	301	457
CF3y-3	82087	37157851	489	301	457
CK1y-1	35038	15865586	483	303	457
CK1y-2	75020	33938579	489	301	454
CK1y-3	37073	16778988	489	301	459

CF1y-1	30108	13637690	489	303	458
CF1y-2	43478	19634286	479	301	450
CF1y-3	51415	23259722	487	301	457
UMREC-1	46803	21176606	489	301	458
UMREC-2	29125	13162489	489	301	456
UMREC-3	30841	13608590	489	301	455
UND-1	28819	13074200	483	301	459
UND-2	35540	16144813	486	301	460
UND-3	28752	12949742	488	301	459

Table S2. Average species composition of different samples in the community (%)

Phylum	UNREC	CF1y	CF3y	CF7y	CK1y	CK3y	CK7y	UND
Proteobacteria	20.40	42.96	32.45	31.81	38.65	29.19	28.37	30.89
Actinobacteria	16.12	19.88	24.11	23.56	20.57	29.89	24.64	27.95
Acidobacteria	9.37	4.42	6.31	8.28	6.07	7.10	8.16	7.91
Bacteroidetes	2.47	9.31	8.76	8.59	9.17	6.62	5.93	6.03
Chloroflexi	9.85	4.73	5.48	6.18	5.18	7.12	6.57	6.63
Gemmatimonadetes	5.61	5.24	6.83	6.59	5.57	5.90	5.79	5.42
Firmicutes	4.12	1.20	4.54	2.29	1.94	3.92	1.80	1.47
Cyanobacteria	0.77	1.45	1.11	0.89	2.15	1.85	9.16	1.52
Planctomycetes	1.55	1.58	1.69	2.12	1.46	1.61	1.94	2.44
Nitrospirae	5.88	0.40	0.61	0.94	0.46	0.67	0.86	0.82
Other	23.85	8.83	8.11	8.74	8.77	6.13	6.77	8.93

Each value is the average of three replicates for each sample.