

Table S3. Roche Multiplex identifiers (MIDs)

Year	Sampling time	Field	Treatment	MID sequence	Reads
2007	First	1	Untreated	5'- CGTGTCTCTA -3'	8000
			Glyphosate-treated	5'- CTCGCGTGTC -3'	5876
	Final	2	Untreated	5'- TCTCTATGCG -3'	13967
			Glyphosate-treated	5'- TGATACGTCT -3'	10561
		1	Untreated	5'- CATAGTAGTG -3'	13606
			Glyphosate-treated	5'- CGAGAGATAC -3'	15477
2	Untreated	5'- ACGCTCGACA -3'	39293		
	Glyphosate-treated	5'- AGACGCACTC -3'	38052		
2008	First	1	Untreated	5'- ATCAGACACG -3'	4946
			Glyphosate-treated	5'- ATATCGCGAG -3'	8725
	Final	2	Untreated	5'- CTCGCGTGTC -3'	7361
			Glyphosate-treated	5'- TAGTATCAGC -3'	20146
		1	Untreated	5'- TGATACGTCT -3'	11170
			Glyphosate-treated	5'- TACTGAGCTA -3'	3429
2	Untreated	5'- CGAGAGATAC -3'	10964		
	Glyphosate-treated	5'- ACGAGTGCCT -3'	15457		
2009	First	1	Untreated	5'- AGACGCACTC -3'	16732
			Glyphosate-treated	5'- AGCACTGTAG -3'	4893
	Final	2	Untreated	5'- ATATCGCGAG -3'	9300
			Glyphosate-treated	5'- CGTGTCTCTA -3'	5170
		1	Untreated	5'- TAGTATCAGC -3'	6399
			Glyphosate-treated	5'- TCTCTATGCG -3'	9916
2	Untreated	5'- TACTGAGCTA -3'	36103		
	Glyphosate-treated	5'- CATAGTAGTG -3'	6186		

The Multiplex identifiers (MIDs) used for pyrosequencing of the different samples are shown.