

Table S1. Raw data-SCFAs

Time	Sample	2.0005	0.0037x+1.2844	3.2222	0.0037x+1.9452	SCFAs
			acetic acid		propionic acid	
day1	T1	118032	438.0028	48243	180.4443	618.4471
	T2	103418	383.931	39718	148.9018	532.8328
	T3	128119	475.3247	49533	185.2173	660.542
	T4	250030	926.3954	53955	201.5787	1127.9741
	T5	396440	1468.1124	90004	334.96	1803.0724
	T6	450349	1667.5757	102820	382.3792	2049.9549
day2	T1	127594	473.3822	143803	534.0163	1007.3985
	T2	129830	481.6554	78955	294.0787	775.7341
	T3	145828	540.848	149809	556.2385	1097.0865
	T4	274796	1018.0296	141899	526.9715	1545.0011
	T5	386894	1432.7922	138525	514.4877	1947.2799
	T6	451647	1672.3783	169293	628.3293	2300.7076
day3	T1	230860	855.4664	83897	312.3641	1167.8305
	T2	180640	669.6524	77188	287.5408	957.1932
	T3	245203	908.5355	86593	322.3393	1230.8748
	T4	399528	1479.538	99353	369.5513	1849.0893
	T5	484783	1794.9815	109476	407.0064	2201.9879
	T6	575931	2132.2291	117995	438.5267	2570.7558
day4	T1	274993	1018.7585	90975	338.5527	1357.3112
	T2	195379	724.1867	75578	281.5838	1005.7705
	T3	308750	1143.6594	92625	344.6577	1488.3171
	T4	463951	1717.9031	153947	571.5491	2289.4522
	T5	579478	2145.353	201055	745.8487	2891.2017
	T6	602915	2232.0699	218059	808.7635	3040.8334

day5	T1	322205	1193.4429	86449	321.8065	1515.2494
	T2	230764	855.1112	82987	308.9971	1164.1083
	T3	361679	1339.4967	88081	327.8449	1667.3416
	T4	394682	1461.6078	90103	335.3263	1796.9341
	T5	423224	1567.2132	116772	434.0016	2001.2148
	T6	612257	2266.6353	259531	962.2099	3228.8452
day6	T1	189934	704.0402	70401	262.4289	966.4691
	T2	133250	494.3094	63943	238.5343	732.8437
	T3	199068	737.836	71997	268.3341	1006.1701
	T4	273859	1014.5627	96818	360.1718	1374.7345
	T5	292787	1084.5963	218160	809.1372	1893.7335
	T6	501782	1857.8778	414978	1537.3638	3395.2416
day7	T1	16616	62.7636	102990	383.0082	445.7718
	T2	10288	39.35	75235	280.3147	319.6647
	T3	25652	96.1968	145526	540.3914	636.5882
	T4	46926	174.9106	273755	1014.8387	1189.7493
	T5	105991	393.4511	327316	1213.0144	1606.4655
	T6	250107	926.6803	705123	2610.9003	3537.5806