

Table S2: Metrics from different assembly methods

		CLC Genomics Workbench				IDBA UD				Metavelvet				
		Contigs	Mean Length	Max Length	N50	Percent In Contigs ^b	Contigs	Mean Length	Max Length	N50	Contigs	Mean Length	Max Length	N50
Donor 1	Day 4	5457	947	41739	1444	94.5	7883	606	16701	1079	11990	332	5745	456
	Day 8	3280	948	60551	1374	97.4	5624	506	20749	1036	29258	140	1859	229
	Day 12	3926	1033	53146	1665	95	5199	686	28300	1340	10364	308	5535	1020
	Day 16	4064	997	57967	1633	96.6	6433	578	18548	1196	10278	299	6743	664
	Day 24	3383	939	63171	1691	96.9	5633	551	20249	1271	9596	279	6459	2414
	Stool	1879	829	29621	1069	96.1	2830	418	17331	809	14503	141	2773	191
Donor 2	Day 4	1946	686	38124	709	96.8	3246	345	18417	574	13622	148	1388	181
	Day 8	4206	790	25757	963	96.6	6925	424	16493	746	6470	361	6457	562
	Day 12	3201	773	33183	895	95.5	5912	380	12411	687	20112	160	1729	227
	Day 16	5698	1025	53789	1667	97	9203	611	19208	1216	12318	386	6255	706
	Day 24	6022	998	51019	1662	96.2	9030	599	15057	1132	15011	334	6067	98
	Stool	3739	1014	52910	1826	92.4	4188	661	27868	1503	10381	295	6174	1632
Donor 8	Day 3	6541	846	49980	1067	95.3	6723	544	15285	869	11236	335	4993	321
	Day 6	4547	821	43340	975	95.3	3693	533	18075	836	29526	155	1916	183
	Day 12	5781	890	49984	1222	95	6096	588	16130	982	10583	356	7480	506
	Day 18	1114	876	48541	1550	98.2	3674	283	21185	568	14379	117	1615	171
	Day 24	1018	815	48504	1264	98.8	3299	260	15020	423	10899	124	2275	326
	Stool	1266	1102	19694	2226	96.6	3576	415	14004	1138	17949	115	3478	114
Donor 9	Day 3	3391	827	69536	1074	97	4732	530	21652	971	24712	149	1659	68
	Day 6	2425	829	45528	1083	98	4271	415	34999	781	20256	138	1562	199
	Day 12	3556	901	94115	1179	97.1	3749	495	13218	779	26927	150	1884	244
	Day 18	2867	909	93797	1272	97	3672	501	13588	886	23077	148	2454	112
	Day 24	2913	649	93414	735	96.5	3332	361	9701	632	17927	148	2013	134
	Stool	2696	924	41934	1421	94.7	3090	530	32413	1084	5600	337	7040	100
Donor 10	Day 4	4533	1219	51727	2722	96	8707	607	16925	1348	12931	366	6753	146
	Day 8	5148	927	40455	1241	97.1	6454	500	17015	825	9956	358	6084	428
	Day 12	5891	1107	48332	1858	96.1	6643	625	29283	1058	14100	380	6188	2250
	Day 16	5365	931	40497	1262	96.2	5674	548	14373	861	10566	351	7931	1140
	Day 24	4808	1015	40172	1614	97.9	7070	564	17794	1019	10720	390	9062	987
	Stool	3364	956	50410	1578	97.6	3264	599	27849	1353	8530	281	9951	719

^aThe method with the least number of contigs, highest mean length, highest maximum length, and/or highest N50 values is represented in bold.

^bPercentage of reads that were assembled into contigs