

Table 1

sample_ID	Sample_dis	total reads	number of raw bases	total trim-decon reads	No_contigs	Size	N50
P1	Post-fertilization	678370656	101755598400	459843606	4362794	2620101511	607
P2	Post-fertilization	749126640	112368996000	498478482	5542436	3877662650	743
P3	Post-fertilization	663645284	99546792600	447352834	4946258	3305489932	701
P4	Post-fertilization	547683338	82152500700	341287068	3839925	2659609828	736
I1	Pre-fertilization	677015916	101552387400	448049362	4829012	3418287128	754
I2	Pre-fertilization	644655868	96698380200	443420266	4892751	3349942551	722
I3	Pre-fertilization	717346388	107601958200	459104210	4772799	3543944556	825
I4	Pre-fertilization	693199720	103979958000	421553744	4097967	3013287898	810
Average		5371043810	805656571500	3519089572	4660492	3223540756	737
sample_ID	No_contigs_1K	size_1K	N50_1K	No_contigs_5K	size_5k	N50_5k	GC%
P1	387207	99770640	1741	9864	701049285	10169	62.3
P2	721633	293099267	2034	31195	1453398921	9402	62.76
P3	595079	188806023	1914	20404	1144783484	9058	62.22
P4	504757	168539602	1951	18173	983824479	9139	62.55
I1	649392	256716261	2027	28056	1302389212	9123	61.98
I2	618357	214086402	1969	23648	1212045193	8891	60.92
I3	726107	304500857	2140	32660	1503212627	9013	61.35
I4	613447	246163115	2081	26172	1250578446	9243	61.37
Average	601997	221460270	1982	23771	1193910205	9254	61.93