Table S5. Rarefaction depth for each sample

Sample	Raw read pairs	Filtered read pairs	Filtering pass rate (%)	Merged read pairs	Non-chimeric read pairs	Final retention rate (%)	Rarefaction depth / Included
NC1	101,369	92,536	91.29	57,015	28,825	28.44	23,000 / Yes
NC2	101,351	94,007	92.75	53,886	30,120	29.72	23,000 / Yes
NC3	101,957	94,036	92.23	51,369	24,830	24.35	23,000 / Yes
NC4	100,050	91,790	91.74	52,428	27,417	27.40	23,000 / Yes
NC5	101,185	92,965	91.88	57,855	34,367	33.96	23,000 / Yes
NC6	100,767	92,072	91.37	59,790	33,112	32.86	23,000 / Yes
MC1	101,079	92,982	91.99	47,144	23,271	23.02	23,000 / Yes
MC2	101,150	92,892	91.84	64,135	33,126	32.75	23,000 / Yes
MC3	100,526	91,837	91.36	70,066	30,750	30.59	23,000 / Yes
MC4	101,465	93,472	92.12	63,728	30,973	30.53	23,000 / Yes
MC5	100,819	92,745	91.99	59,964	34,421	34.14	23,000 / Yes
MC6	100,741	91,872	91.20	54,872	28,295	28.09	23,000 / Yes
AP1	101,152	92,865	91.81	67,319	36,010	35.60	23,000 / Yes
AP2	100,612	91,550	90.99	59,160	28,712	28.54	23,000 / Yes
AP3	100,679	90,813	90.20	60,102	32,055	31.84	23,000 / Yes
AP4	101,827	93,887	92.20	62,267	29,275	28.75	23,000 / Yes
AP5	100,691	92,614	91.98	57,789	29,615	29.41	23,000 / Yes
AP6	100,429	92,359	91.96	63,238	30,083	29.95	23,000 / Yes