

**Table S9** Experimental design of competitive chemostats

Biological replicate	Chemostat	Clone 1	Clone 2	Competition
1	1	DSY957	DSY751	red vs. green ancestral
1	5	DSY957	DSY757	red vs. green heterozygote
1	9	DSY957	DSY787	red vs. green homozygote
2	2	DSY957	DSY751	red vs. green ancestral
2	6	DSY957	DSY757	red vs. green heterozygote
2	10	DSY957	DSY787	red vs. green homozygote
3	3	DSY957	DSY751	red vs. green ancestral
3	7	DSY957	DSY757	red vs. green heterozygote
3	11	DSY957	DSY787	red vs. green homozygote
4	4	DSY957	DSY751	red vs. green ancestral
4	8	DSY957	DSY757	red vs. green heterozygote
4	12	DSY957	DSY787	red vs. green homozygote
5	13	DSY957	DSY751	red vs. green ancestral
5	14	DSY957	DSY757	red vs. green heterozygote
5	15	DSY957	DSY787	red vs. green homozygote
6	16	DSY957	DSY751	red vs. green ancestral