

SUPPLEMENTARY TABLE S2. DESCRIPTION OF THE *HpaII* PREDICTED CUTS WITHIN THE DNA PLASMIDS

<i>phGfΔG</i>		<i>ph2pΔG</i>		<i>ph3pΔG</i>	
<i>Fragment position (from bp to bp)</i>	<i>Length (bp)</i>	<i>Fragment position (from bp to bp)</i>	<i>Length (bp)</i>	<i>Fragment position (from bp to bp)</i>	<i>Length (bp)</i>
2414–3509	1096	1830–2833	1004	1466–2469	1004
3873–4578	706	3197–3902	706	2833–3538	706
4579–337	360	1397–1829	433	1033–1465	433
538–1869	332	3903–337	360	3539–337	360
1132–1367	236	936–1244	309	493–712	220
493–712	220	493–712	220	2470–2659	190
936–1131	196	2834–3023	190	2686–2832	147
3510–3699	190	1245–1396	152	936–1032	97
1870–2053	184	3050–3196	147	845–935	91
3726–3872	147	845–935	91	713–800	88
2148–2282	135	713–800	88	338–417	80
1410–1537	128	338–417	80	418–492	75
2054–2147	94	418–492	75	813–844	32
845–935	91	813–844	32	2660–2685	26
713–800	88	3024–3049	26	801–812	12
338–417	80	801–812	12		
418–492	75				
2283–2353	71				
2354–2413	60				
1368–1409	42				
813–844	32				
3700–3725	26				
801–812	12				