

#PCR1	Name	vol DNA	vol 16S_f	vol 16S_r	vol 2x SparQ	vol dH2O	Total
	1 E.c Stock AB d1	5	1	1	12.5	5.5	25
	2 E.c 1/10 AB d1	5	1	1	12.5	5.5	25
	3 E.c 1/100 AB d1	5	1	1	12.5	5.5	25
	4 E.c 1/1000 AB d1	5	1	1	12.5	5.5	25
	5 E.c Stock AB d7	5	1	1	12.5	5.5	25
	6 E.c 1/10 AB d7	5	1	1	12.5	5.5	25
	7 E.c 1/100 AB d7	5	1	1	12.5	5.5	25
	8 E.c 1/1000 AB d7	5	1	1	12.5	5.5	25
	9 P&C Stock AB d1	5	1	1	12.5	5.5	25
	10 P&C 1/10 AB d1	5	1	1	12.5	5.5	25
	11 P&C 1/200 AB d1	5	1	1	12.5	5.5	25
	12 P&C 1/4000 AB d1	5	1	1	12.5	5.5	25
	13 P&C Stock AB d7	5	1	1	12.5	5.5	25
	14 P&C 1/10 AB d7	5	1	1	12.5	5.5	25
	15 P&C 1/200 AB d7	5	1	1	12.5	5.5	25
	16 P&C 1/4000 AB d7	5	1	1	12.5	5.5	25
	17 E.c Stock AB d14	5	1	1	12.5	5.5	25
	18 E.c 1/10 AB d14	5	1	1	12.5	5.5	25
	19 E.c 1/100 AB d14	5	1	1	12.5	5.5	25
	20 E.c 1/1000 AB d14	5	1	1	12.5	5.5	25
	21 P&C Stock AB d14	5	1	1	12.5	5.5	25
	22 P&C 1/10 AB d14	5	1	1	12.5	5.5	25
	23 P&C 1/200 AB d14	5	1	1	12.5	5.5	25
	24 P&C 1/4000 AB d14	5	1	1	12.5	5.5	25
	25 Contr A d1 (old 17)	5	1	1	12.5	5.5	25
	26 Contr A d7 (old 18)	5	1	1	12.5	5.5	25
	27 Contr A d14	5	1	1	12.5	5.5	25
	28 nm1-19 native	5	1	1	12.5	5.5	25
	29 nm1-19 dc0	5	1	1	12.5	5.5	25
	30 nm1-19 u Soil fraction	5	1	1	12.5	5.5	25
	31 ss 8u	5	1	1	12.5	5.5	25
	32 ss 5u	5	1	1	12.5	5.5	25
	33 ss 2u	5	1	1	12.5	5.5	25
	34 ss 1u	5	1	1	12.5	5.5	25
	35 ss 0.6u	5	1	1	12.5	5.5	25
	36 ss 0.2u	5	1	1	12.5	5.5	25
	37 ss filtrate	5	1	1	12.5	5.5	25
	38 nm3-5 8u	5	1	1	12.5	5.5	25
	39 nm3-5 5u	5	1	1	12.5	5.5	25
	40 nm3-5 2u	5	1	1	12.5	5.5	25
	41 nm3-5 1u	5	1	1	12.5	5.5	25
	42 nm3-5 0.6u	5	1	1	12.5	5.5	25
	43 nm3-5 0.2u	5	1	1	12.5	5.5	25
	44 nm3-5 filtrate	5	1	1	12.5	5.5	25
	45 ss dc2	5	1	1	12.5	5.5	25
	46 ss dc3	5	1	1	12.5	5.5	25

47	nm1-19 8u	7.5	1	1	12.5	3	25
48	nm1-19 5u	7.5	1	1	12.5	3	25
49	nm1-19 2u	7.5	1	1	12.5	3	25
50	nm1-19 1u	7.5	1	1	12.5	3	25
51	nm1-19 0.6u	7.5	1	1	12.5	3	25
52	nm1-19 0.2u	7.5	1	1	12.5	3	25
53	nm1-19 filtrate	7.5	1	1	12.5	3	25
54	1-19 dc1	7.5	1	1	12.5	3	25
55	1-19 dc2	7.5	1	1	12.5	3	25
56	ss2 8u	7.5	1	1	12.5	3	25
57	ss2 5u	7.5	1	1	12.5	3	25
58	ss2 2u	7.5	1	1	12.5	3	25
59	ss2 1u	7.5	1	1	12.5	3	25
60	ss2 0.6	7.5	1	1	12.5	3	25
61	ss2 0.2	7.5	1	1	12.5	3	25
62	ss2 filtrate	7.5	1	1	12.5	3	25
63	nm3-5 native	2.5	1	1	12.5	8	25
64	nm3-5 u Soil fraction	2.5	1	1	12.5	8	25
65	ss native	2.5	1	1	12.5	8	25
66	ss dc0	2.5	1	1	12.5	8	25
67	ss dc1	2.5	1	1	12.5	8	25
68	ss u Soil fraction	2.5	1	1	12.5	8	25
69	ss2 u Soil fraction	2.5	1	1	12.5	8	25
70	- Control	2.5	1	1	12.5	8	25

DNA5 Master Mix 50 reactions

per tube

1x

x

20 uL

dH2O	5.5	275
forward	1	50
reverse	1	50
SparQ	12.5	625
	20	1000

DNA7.5 Master Mix 1 reactions		per tube	
	1x	x	17.5 uL
16	dH2O	3	54
	forward	1	18
	reverse	1	18
	SparQ	12.5	225
		17.5	315

DNA2.5 Master Mix 10 reactions		per tube	
	1x	x	22.5 uL
8	dH2O	8	80
	forward	1	10
	reverse	1	10
	SparQ	12.5	125
		22.5	225