

A) Site net growth			
<i>Montipora capitata</i>			
Fixed effects	Estimate	SE	t value
Intercept	140.70	22.12	6.361
Site 2	29.28	27.67	1.058
Site 3	-70.87	30.41	-2.331
Site 4	-79.52	29.97	-2.653
Site 5	-25.01	29.92	-0.836
Site 6	-108.93	36.47	-2.987
Site 7	-60.15	30.86	-1.949
Site 8	-71.79	29.58	-2.427
Site 9	-11.53	29.46	-0.391
Site 10	-16.27	27.67	-0.588
Random effects	Variance	SD	
Genotype	640.9	25.32	
Residual	9071.8	95.25	
ANOVA	Chisq	Df	Pr(>Chisq)
Site	33.986	9	8.983e-05

B)			
<i>Porites compressa</i>			
Fixed effects	Estimate	SE	t value
Intercept	11.0055	1.0411	10.571
Site 2	-1.2182	1.3069	-0.932
Site 3	-0.0462	1.2871	-0.036
Site 4	-0.0367	1.2645	-0.029
Site 5	-0.5096	1.3935	-0.366
Site 6	0.4623	1.2578	0.368
Site 7	-1.1221	1.1479	-0.978
Site 8	0.3725	1.3026	0.286
Site 9	3.8157	1.2238	3.118
Site 10	4.6992	1.1940	3.936
Random effects	Variance	SD	
Genotype	2.896	1.702	
Residual	14.129	3.759	
ANOVA	Chisq	Df	Pr(>Chisq)
Site	49.543	9	1.313e-07