Table S1

The model structure (model type, distribution and random effects) used for each *Aurelia aurita* polyp response variable (ruffling, elongation, budding and total). Random effects of the jar account for variation within the experimental container of each replicate. Random effects of the polyp total account for the changing total number of polyps throughout the course of the experiment.

	Response Variable			
	Ruffling	*Elongation*	*Budding*	*Total*
Model Type	GAMLSS	GAMLSS	GAMLSS	GAMLSS
Model Distribution	Weibull	Negative Binomial Type II	Negative Binomial Type II	Delaporte
Random Effects	Jar & Total	Jar & Total	Jar & Total	Jar