

Table S9:

***Cerianthus sp.* ANOVA for the GLMM versus the null model for different cnidocyst types from the three levels of the actinopharynx and metamesenteries.**

Cnidocyst type (Structure)/Models	npar	AIC	logLik	deviance	Chisq	Df	Pr(>Chisq)
Atrich (Actinopharynx)							
Atrich length ~ level [◊]	4	3078.2	-1535.1	3070.2			
Atrich length ~ level + (1 Individual) ^{▶*}	5	2809	-1399.5	2799	271.22	1	<u><0.001</u>
Microbasic b-mastigophore I (Metamesenteries)							
Microbasic b-mastigophore I ~ level ^{◊*}	4	1228.2	-610.1	1220.2			
Microbasic b-mastigophore I ~ level + (1 Individual) [▶]	5	1229.7	-609.87	1219.7	0.4505	1	0.502

Notes:

*best model. *npar*: number of parameters; AIC: Akaike Information Criterion for the model evaluated as $-(\log\text{Lik} - n\text{par})$; logLik: log-likelihood for the model. ◊null GLM; ▶ GLMM. Underlined values significant at $\alpha=0.05$.