

Table S2. Pearson correlation coefficients for aquarium chemistry parameters and AOA/AOB abundances for all aquaria.

	% AOA <i>amoA</i>	% AOB <i>amoA</i>	NH ₄ ⁺	NO ₃ ⁻	NO ₂ ⁻	pH	alkalinity	Hardness	fish gallon ⁻¹
% AOA <i>amoA</i>	--								
% AOB <i>amoA</i>	-1.00	--							
NH ₄ ⁺	-0.67	0.67	--						
NO ₃ ⁻	-0.07	0.07	0.01	--					
NO ₂ ⁻	-0.21	0.21	0.48	0.52	--				
pH	-0.31	0.31	-0.34	0.13	-0.35	--			
alkalinity	-0.30	0.30	0.20	-0.03	-0.14	0.28	--		
hardness	NA	NA	NA	NA	NA	NA	NA	--	
fish gallon ⁻¹	-0.21	0.21	0.60	-0.04	0.36	-0.31	0.24	NA	--

No significance
 p < 0.05
 p < 0.001