

Table S3. Pearson correlation coefficients for aquarium chemistry parameters and AOA/AOB abundances for freshwater 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 ⁺	-0.85	0.85	--						
NO ₃ ⁻	-0.04	0.04	0.06	--					
NO ₂ ⁻	-0.04	0.04	0.48	0.61	--				
pH	0.20	-0.20	-0.34	0.14	-0.31	--			
alkalinity	-0.20	0.20	0.26	-0.16	-0.10	0.28	--		
hardness	0.05	-0.05	-0.03	-0.09	0.04	-0.14	0.07	--	
fish gallon ⁻¹	-0.33	0.33	0.61	-0.04	0.33	-0.27	0.35	0.16	--

No significance
 p < 0.05
 p < 0.001