



Vibrio campbellii Panel

The *Vibrio campbellii* Panel (ATCC® MP-6™) comprises 9 strains for use as a non-pathogenic model for studying two-component regulatory systems in quorum sensing. This panel provides a wild-type strain (ATCC® BAA-1116™); strains that are mutant for the production or detection of AI-1, AI-2, or both; and strains that are either constitutively bioluminescent (bright) or dark. A dim mutant (ATCC® BAA-2363™) is also included. The table below provides phenotypic responses of strains used in the two-component system, as observed during additional testing by ATCC.

SENSORS		AUTOINDUCERS								
		1+, 2+	1+, 2+	1+, 2+	1+, 2+	1+, 2+	1-, 2+	1+, 2-	1+, 2-	1-, 2-
ATCC® No.		700104™	700106™	BAA-1116™	BAA-1117™	BAA-1118™	BAA-1119™	BAA-1120™	BAA-1121™	BAA-2363™
luxA-	700104™	--	--	--	--	--	--	--	--	--
1+, 2-	700106™	+	+	+	+	+	+	+	+	+
1+, 2+	BAA-1116™	+	+	+	+	+	+	+	+	+
1-, 2+	BAA-1117™	+	+	+	+	+	+	+	+	+
1+, 2-	BAA-1118™	+	+	+	+	+	+	+	+	+
1-, 2+	BAA-1119™	+	+	+	+	+	+	+	+	+
1+, 2+	BAA-1120™	+	+	+	+	+	+	+	+	+
1-, 2+	BAA-1121™	+	+	+	+	+	+	--	--	--
1+, 2+	BAA-2363™	+	+	+	+	+	--	--	--	--

(+) = light observed; (-) = no light observed

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Vibrio harveyi ATCC® BAA-1116™ and its derived mutants have been reclassified as *Vibrio campbellii* based on microarray comparative genome hybridization and multilocus sequence analysis.