Designation: BB-170
Deposited Name: Vibrio harveyi (Johnson and Shunk) Baumann et al.
Genotype: luxN::tn5Kan
Product Description: This is one of several strains included in a “quorum sensing kit” developed by the depositor. ATCC® BAA-1117™ has the following genotype: luxN::tn5Kan. It is a mutant sensor strain that responds only to AI-2 autoinducer.

Medium
ATCC® Medium 2: Marine agar 2216 or marine broth 2216
ATCC® Medium 2746: Autoinducer Bioassay (AB) Medium

Growth Conditions
Temperature: 30°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Using a single tube of #2 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #2 agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 24 hours.

Notes
When using this strain as part of the “quorum sensing kit” or in any other bioluminescent assays, #2746 media should be used. Marine media contains boric acid and may cause otherwise bioluminescent-negative strains to luminesce, as boron is a key element in autoinducer-2.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

References
References and other information relating to this product are available online at www.atcc.org.

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