

Microbial diversity in the habitat of tubeworms, *Lamellibrachia satsuma*, at Kagoshima Bay.

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Tubeworms in Kagoshima Bay is known as *Lamellibrachia satsuma*. The sulfur oxidizing bacteria are chemosynthetic endosymbiosis in the trophosome tissue. To understand the role and system of tubeworms and microbes in that habitat including such symbiosis, we organize the cruise for investigating tubeworm site in Kagoshima Bay at the end of January in 2005. We would like to report the microbial diversity of culturable microbes and some DNA analysis from this sediment samples.