Marine Genetic Resources: Experiences in Commercialization

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Marine Biotech Products				
	Product	Application	Original Source	
	<i>Fluorescent Probes</i> Green Fluorescent Protein (GFP)	Reporter gene assays	Jellyfish: Aequora victoria	
	<i>Novel Enzymes</i> Deep Vent DNA Polymerase®⊡	Polymerase chain reaction (PCR)	Bacterium: Thermococcus litoralis	
	Nutritional Supplements Formulaid®□	θ3 Fatty acids in infant formula	Marine microalga: Crypthecodinium cohnii	
	Cosmetic Additives Resilience® (Pseudopterosin)	Antiinflammatory	Gorgonian: Pseudopterogorgia elisabethae	An

Other active research areas:

- biomaterials (artificial bone from corals; stents from sea urchins;
- silica chips from diatoms; fiberoptic cables from sponges)
- agrochemicals (insecticides and weed killers from sponges)
 antifoulants (ship paints from soft corals)















