Jelly Fish and Green Fluorescent Protein [1]

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Object is a digital image that represents green fluorescent protein at various levels of organization within an organism. The green segments are highlighted to illustrate the structure and function of the protein. The zoom circle juts to the left and represents the chemical bonds and atomic structure that comprise the green segments.

The crystal jellyfish, Aequorea victoria, produces and emits light, called bioluminescence. Its DNA codes for sequence of segments that, when folded, form the GFP (Green fluorescent protein) — a protein that fluoresces green when exposed to light in the range of blue to ultraviolet.

Subject
- Green fluorescent protein
- GFP (Protein)
- Green jellyfish protein
- Fluorescent polymers
- Proteins
- Jellyfish and other sea jellies
- Biofluorescence
- Luminescence
- Bioluminescence

Topic
- Theories
- Processes
- Organisms
- Technologies

Publisher
Arizona State University. School of Life Sciences. Center for Biology and Society. Embryo Project Encyclopedia.

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Format
Graphics

Last Modified
Monday, June 19, 2017 - 22:32

DC Date
2017-02-06
DC Date Accessioned
Monday, February 6, 2017 - 21:48
DC Date Available
Monday, February 6, 2017 - 21:48
DC Date Created
2017-02-06
DC Date Created Standard
Monday, February 6, 2017 - 08:00

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Source URL:

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