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Prof. Ward

Algae Auxotroph Strain Production With CRISPR/Cas9

My research focuses on the generation of an auxotroph algae strain using the species *Chlorella Vulgaris*. An auxotroph is an organism that requires a specific nutrient in order to grow. In my experiment this nutrient is tryptophan. An auxotroph strain allows for the selection of successful genetic editing and transformations. This auxotroph strain is being generated with CRISPR/Cas9