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Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Zheng Ge

Description of item under review for fair use: Figure 1.2 in Dissertation is from Fig. 2 Schematic of electron transport from substrate to electrode in *G. sulfurreducens* biofilm. Substrate/CO₂ is the respiratory oxidation process; NADH/NAD⁺ is the intermediate for transporting released electrons during respiration; QH₂/Q transfer electron in the inner cell membrane; Cyt bc₁, Cyt c, and Cyt a are serial cytochrome agents in the outer cell membrane; anode serves as the intermediate electron acceptor; O₂ serves as the terminal electron acceptor in the cathode (figure drawn with modification from Lovley et al. (2004)). Source: Sun et al., Applied Microbiology and Biotechnology, 98(6), 2415-2427 2014.

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