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. 2 Schematic illustration 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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