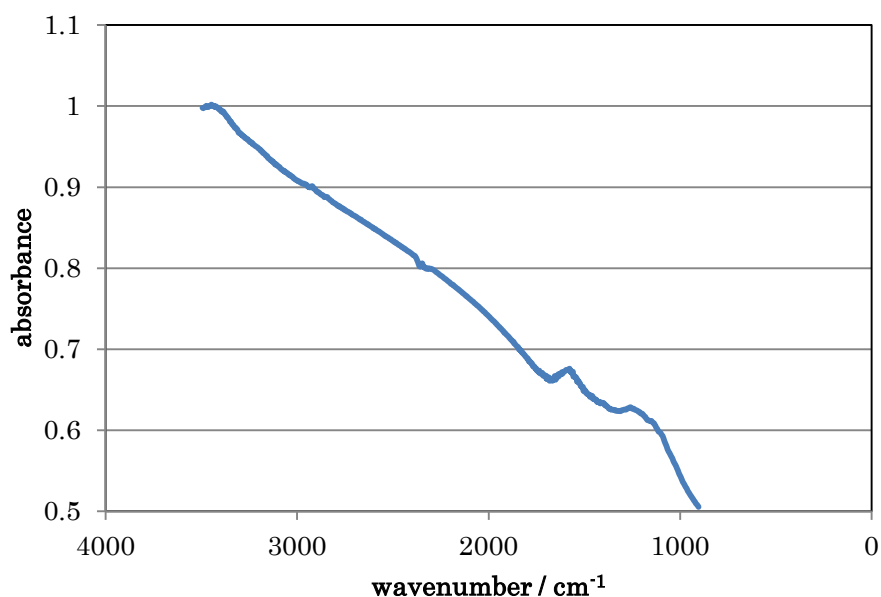


Supporting information

Direct electron transfer of a metagenome-derived laccase fused to affinity tags near the electroactive copper site

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Supplementary Figure S1

FT-IR spectrum of carbon aerogel.

The surface characterization was carried out by Fourier-transform infrared (FTIR) (Perkin-Elmer) analysis of carbon aerogel samples. The carbon sample was mixed with KBr thoroughly with an agate mortar and pestle, and the mixture was pressed in a disk in 3 mm diameter.

The peak signal observed at ca. 1700 cm⁻¹ corresponding to C=O stretching indicates the presence of the carboxyl group on the carbon surface.