

Supplementary Information

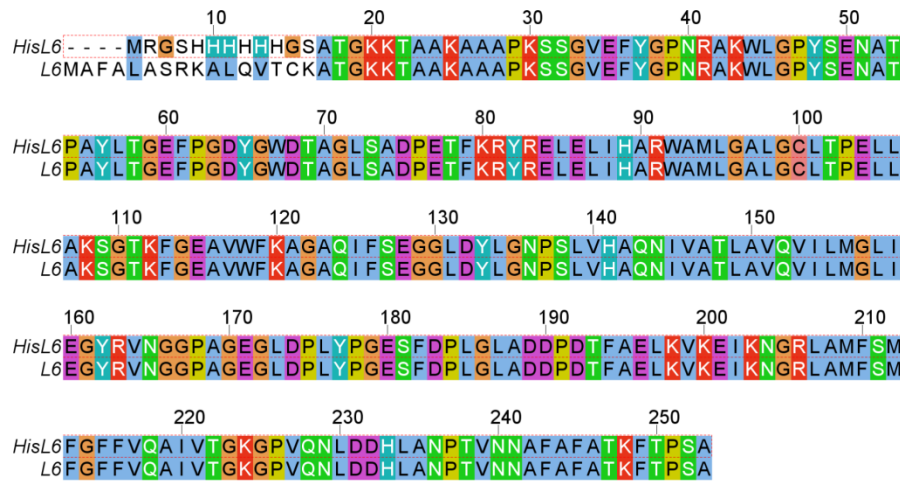
Extremely robust photocurrent generation of titanium dioxide photoanodes bio-sensitized with recombinant microalgal light-harvesting proteins

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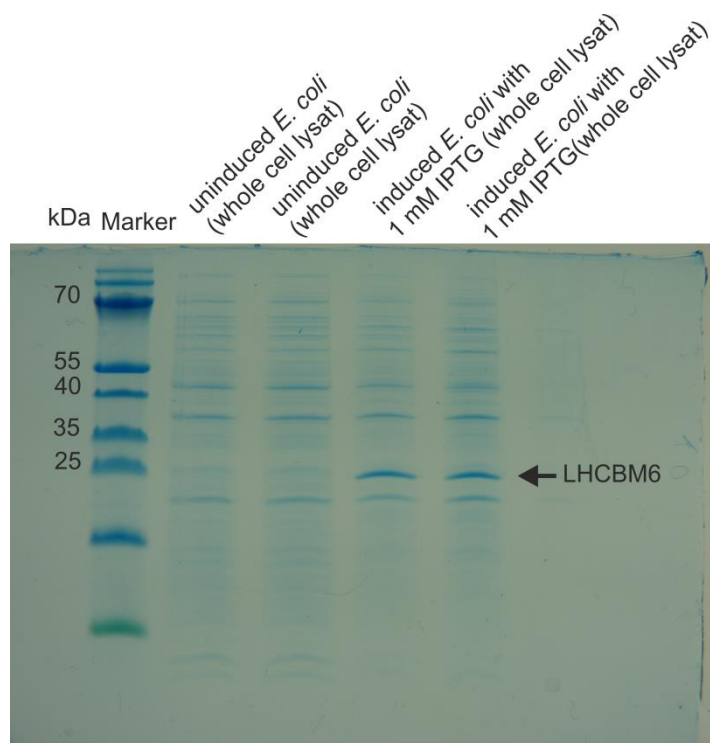
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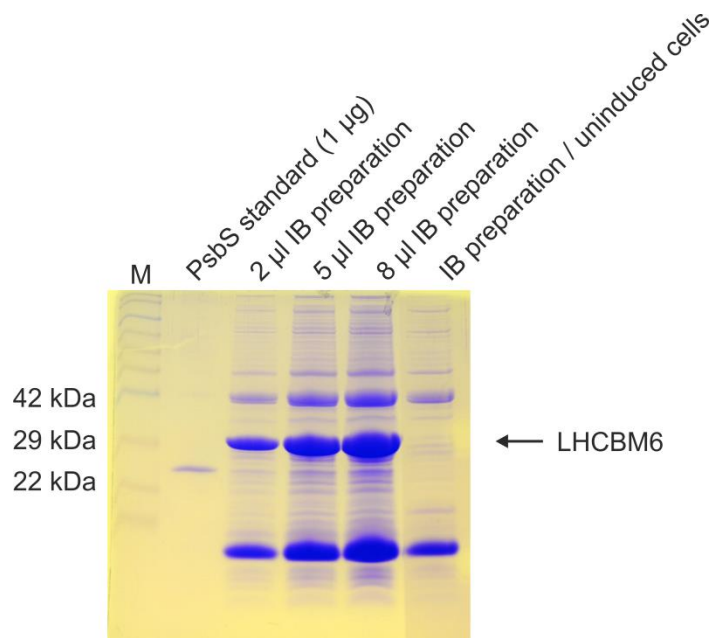
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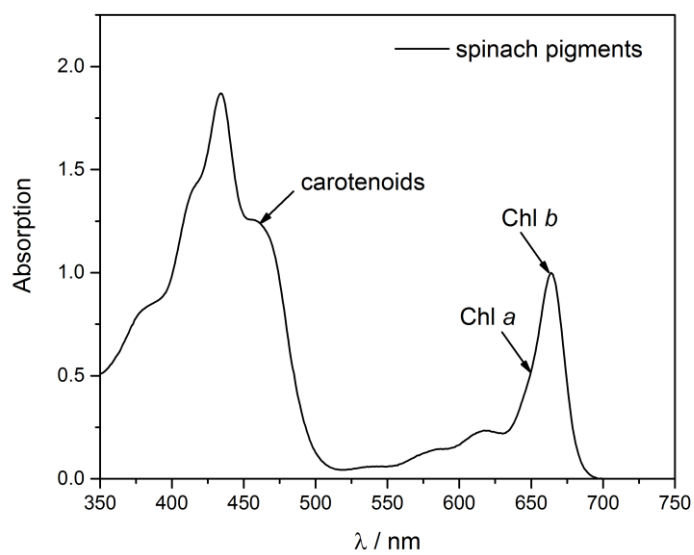
Supplemental Figure 1. Amino acid sequence alignment of LHCBM6 from *Chlamydomonas reinhardtii* (UniProtKB - A8J287; L6) and His-L6, the sequence used for heterologous expression in *E. coli*.



Supplemental Figure 2. Coomassie Brilliant Blue-stained SDS-PAGE (12%) gel. Whole cell lysates from *E. coli* cultures harbouring the expression construct for His-LHCBM6 were separated after cultivation in the absence (uninduced) or presence of 1 mM IPTG as an inducer (induced). An arrow indicates the position of His-LHCBM6.



Supplemental Figure 3. Coomassie Brilliant Blue-stained SDS-PAGE (12%) gel. Inclusion body (IB) preparations from *E. coli* cultures harbouring the expression construct for His-LHCBM6 were separated after cultivation in the absence (uninduced) or presence of 1 mM IPTG as an inducer. An arrow indicates the position of His-LHCBM6.



Supplemental Figure 4. Absorption spectrum of a pigment preparation isolated from spinach leaves. The position of absorbance bands indicating carotenoids, chlorophyll a (Chl a) and chlorophyll b (Chl b) is marked by arrows.