

Erratum

The extrinsic 33 kDa polypeptide of the oxygen-evolving complex of photosystem II is a putative calcium-binding protein and is encoded by a multi-gene family in pea

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At the top of the left-hand column of page 440 of the above article, 2 lines were inadvertently repeated from the previous page, and further down the column 2 lines were omitted. The full text from lines 1 to 15 inclusive is presented below.

and 16 kDa polypeptides are thought to play regulatory roles rather than being directly involved in the catalysis of water oxidation [2, 4, 19, 36] whereas the 33 kDa is thought to be involved in stabilization of the tetranuclear manganese centre although there is controversy as to whether it is a manganese-binding protein [1, 22, 40, 60].

The 33 kDa polypeptide has been well characterised [3, 37]. The complete amino acid sequence of the protein has been determined [39], and a putative manganese-binding site has been suggested [39]. The protein sequence is very similar between higher plants [39, 53, 56] and cyanobacteria [26, 41], suggesting the conservation of important structural features of the protein.