A calcineurin B-like protein participates in low oxygen signalling in rice

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**Fig. S1.**  
*CBL4, CIPK14-15* and *RAMY3D* mRNA levels in germinating rice coleoptiles under anoxia. Error bars indicate SE of two biological replicates.

**Fig. S2.** Relative expression of *RAMY3D* protein from western blot of Figure 3 (*a*) and from an additional experiment (*b*). Post-transcriptional regulation of *RAMY3D* in endosperm-free germinating embryos under submergence and under submergence in mannitol or sucrose. Embryos were also maintained for 3 d under mannitol (Man), Man and ruthenium red (RR), Man, RR and CaCl₂ (RR/Ca) Quantification of immunoblotting results were performed using Image J Software.
Fig. S3. BiFC Analysis of the protein-protein interaction between CBL4 with CIPK15. CBL4 was fused to the N-terminus of YFP (CBL4:YFP\textsuperscript{N}), while CIPK15 was fused to the C-terminus of YFP (CIPK15:YFP\textsuperscript{C}). The constructs were co-transformed into rice protoplasts (a) and Arabidopsis ones (b). The pDH51-YFP\textsuperscript{N} and pDH51-YFP\textsuperscript{C} BiFC control plasmids were used as negative controls. The fluorescent marker FM4-64 was used to label the plasma-membrane in rice protoplasts. The pictures are representative of four replicate experiments for rice and two for Arabidopsis.