

Fig. S2. Fluorescence observation of *proLAC23::LAC23-EGFP* transgenic *Populus* protoplasts. (A) spontaneous fluorescence of chloroplast at $20\times$; (B) image under the bright field at $20\times$; (C) image after the merge of (A) and (B); (D) spontaneous fluorescence of chloroplast at $100\times$; (E) image under the bright field at $100\times$; (F) image after the merge of (D) and (E).