Supplemental Figure S5. Loss of function of both WRKY2 and WRKY34 compromises lipid body accumulation in pollen. (A) BODIPY 505/515 staining of lipid bodies in pollen from \( P_{GPT1}:GPT1-eYFP \), \( P_{GPT1}:GPT1-eYFP \) wrky2, \( P_{GPT1}:GPT1-eYFP \) wrky34, and \( P_{GPT1}:GPT1-eYFP \) wrky2 wrky34. (B) Quantitation of BODIPY 505/515 fluorescence intensity in pollen grains of different genotypes. Fluorescence intensity was quantified by ImageJ, and normalized to that in \( P_{GPT1}:GPT1-eYFP \), which was set as 100%. Two independent \( P_{GPT1}:GPT1-eYFP \) transgenic lines in wild-type and wrky single/double mutant backgrounds were obtained and both gave similar results. Results from one of them are shown. Error bars indicate SD (\( n \geq 20 \)). **\( P \leq 0.01 \). Bar = 10 \( \mu \)m.