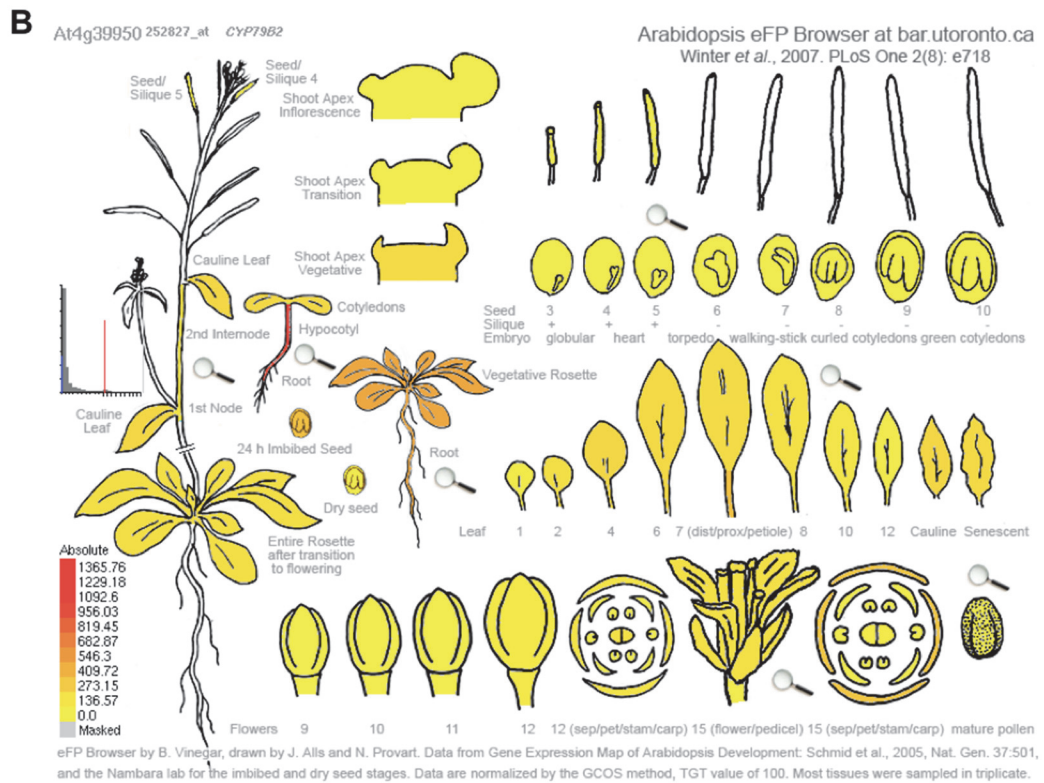
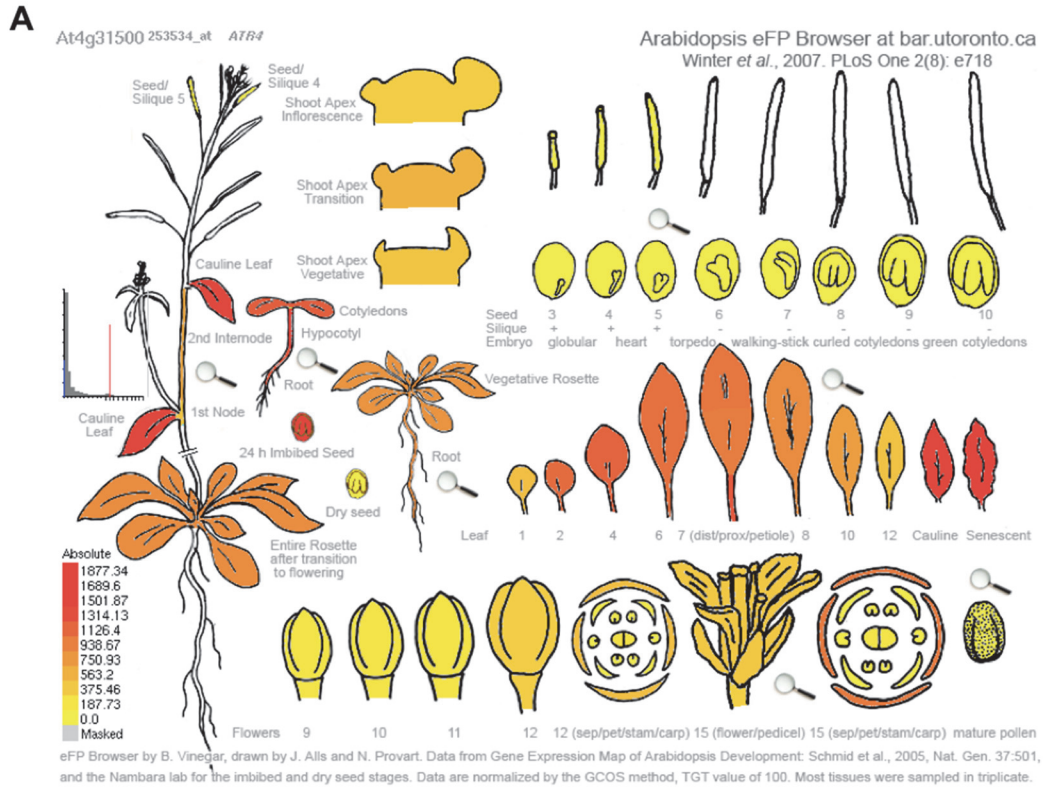
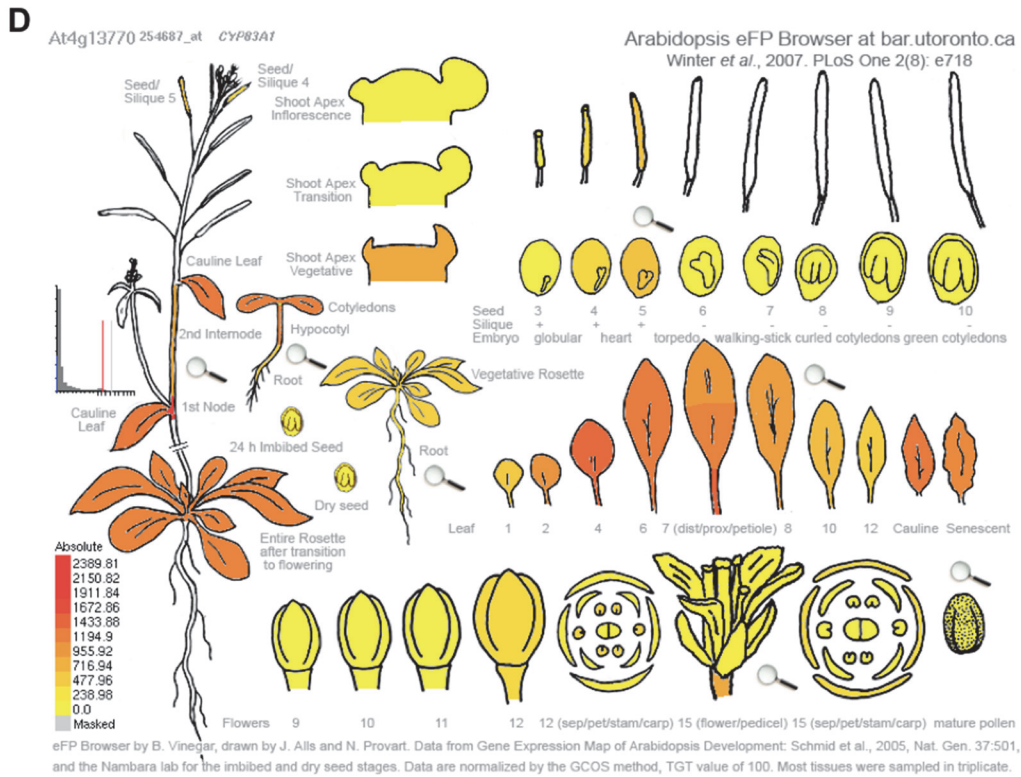
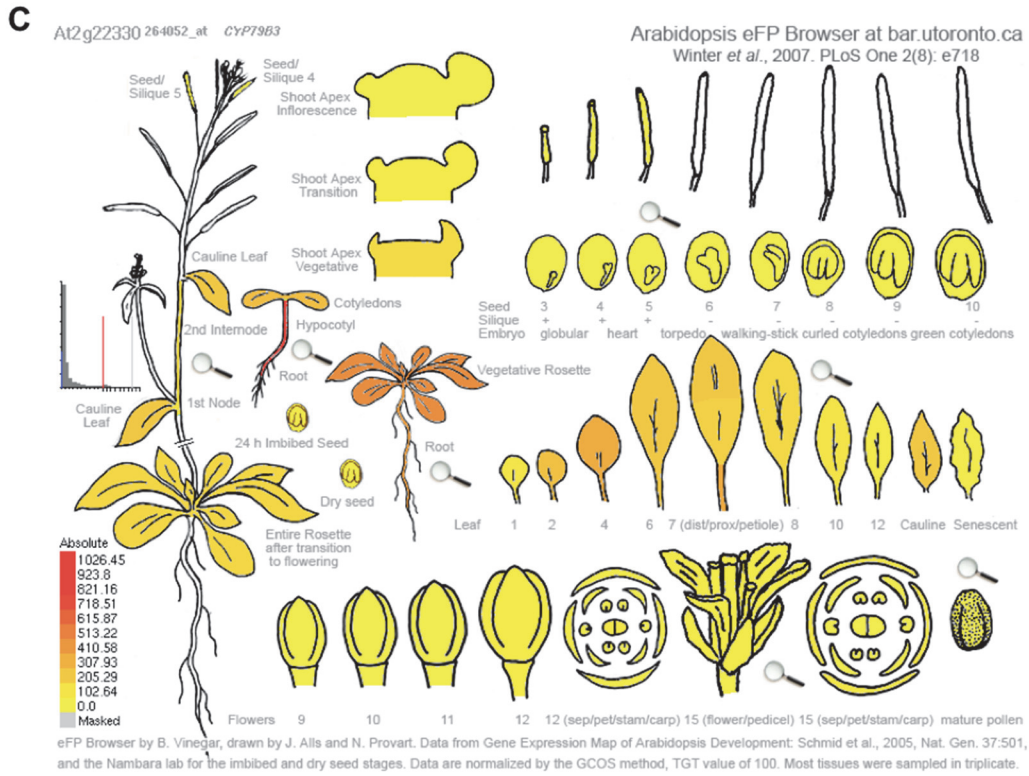
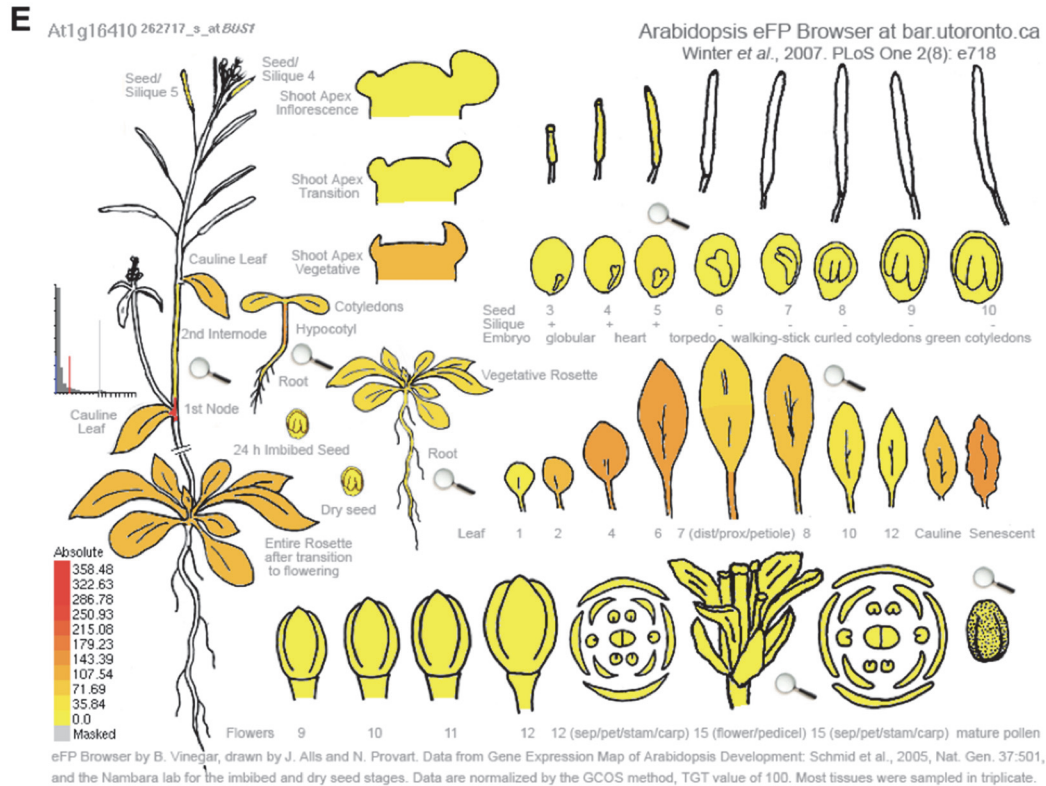


Supplemental Figure 1.

Growth phenotype of four-week-old soil grown *pal1 pal2 pal3 pal4* quadruple plant (top) and five-week-old *ref5-1 pal1 pal2* plant (bottom) was compared with *ref5-1*, *pal1 pal2* double mutant and wild type.







Supplemental Figure 2. Expression pattern of *CYP83B1*, *CYP79B2*, *CYP79B3*, *CYP83A1*, and *CYP79F1*.

(A)-(E) The spatial expression pattern of *CYP83B1* (A), *CYP79B2* (B), *CYP79B3* (C), *CYP83A1* (D) and *CYP79F1* (E) were obtained from the Arabidopsis eFP Browser at bar.utoronto.ca (Winder et al., 2007).

Supplemental Table 1. Primers used in this work.

Primer	Primer sequence (5' -> 3')
CC1352	ATCCGAACACAAAGACTTAAG
CC1357	TATTATTCTTCCTAAGCCGG
CC1353	TCACCGCTCGTCCTCTCTTG
CC1354	ATAGATATCTTGTACGAGACGC
CC1355	CTCTAACTTAGTTAAACCTC
CC1356	GACCATCATTGAGTGAACGC
CC1358	CCAGAGGGAATATTAAGGG
CC1359	GAAGGTTAGGAAAGGTATC
CC1360	GCCTTTAGGTAAGGGAGATTAG
CC1691	TCAGGATATTGTTGTGCCGG
CC1548	GTCTCCCACGCGGCTGTGTCTCGA
CC3280	GGAAGCTTTCAAATTAGCAGGAAT
CC3281	GACTAGCGCGAGACCTTCCTTA
CC3282	ACCGGCCGTCCTAATTCC
CC3283	GCTTCTTTCGCGGTTAGCGATTC
CC3256	GCCACTAAGCCTTGCCTAATCA
CC3257	CGTGGACGTCGGAGTAAGTGT
CC3258	TCTCCTCGTGCCTCACA TGA
CC3259	TGCTTTCTGCTGGGATATCGTA
CC2558	TAACGTGGCCAAAATGATGC
CC2559	GTTCTCCACAACCGCTTGGT
CC3272	CTCAAAGAAACCCTAAGGATGCA
CC3273	GTCCTCCGCGGTTTCGT
CC2839	CAAAGGATCAAACGTTTCATGTGA
CC2840	TTCCATACAGCCGGGTCTCT
CC2020	GGTTGGGGTCGTCCTATCTT
CC2021	ACGGATAAGCTGCCATCATT
CC3844	CTCAGGGAAGTGACAGCAA
CC3845	GTGGCGAGAAGAGAGTAGCC
CC3813	CAAGGGCATGGAAAGTCAAC
CC3814	TTGCTGCTACCTCCGACTAC
CC3582	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGAACAC TTTTACCTCAAAC
CC3583	GGGGACCACTTTGTACAAGAAAGCTGGGTTTTACTTCAC CGTCGGGTAGAGATG
CC3663	CTCGCGAGACTTCTTCAAGG
CC3664	CCATAACCAACGGTTTAGCC
CC3405	AGAACTCTTGACCCTAACCGC
CC3406	GCGAGTCCAGTCATGACGTCC
CC3407	GGCAATCAGCTGTTGCCCGTCTCACTGGTG

CC2016	TGGTTGACCGAGAGTACGTG
CC2017	ATCCGCTAAAGCGTGGTCTA
CC4010	CCACCTTATTTAAACCACCCTTC
CC4011	ATGTGTGGCTTGTTTCTTTTCG
CC2449	ATTTTGCCGATTTTCGGAAC
CC4061	CAATGGATCAAATCGAAGCA
CC4062	TATTCCGGCGTTCAAAAATC
CC2501	ATATTGACCATCATACTCATTGC
CC1770	AGGTTGCAGTCAAAGGATCG
CC1775	TCCTGATGAACTGCTTGTGC