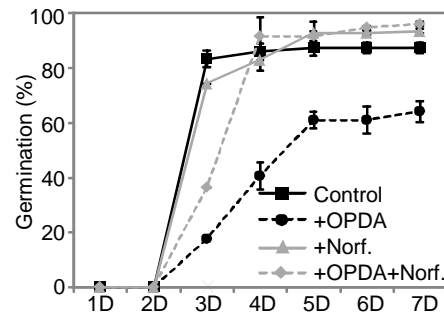
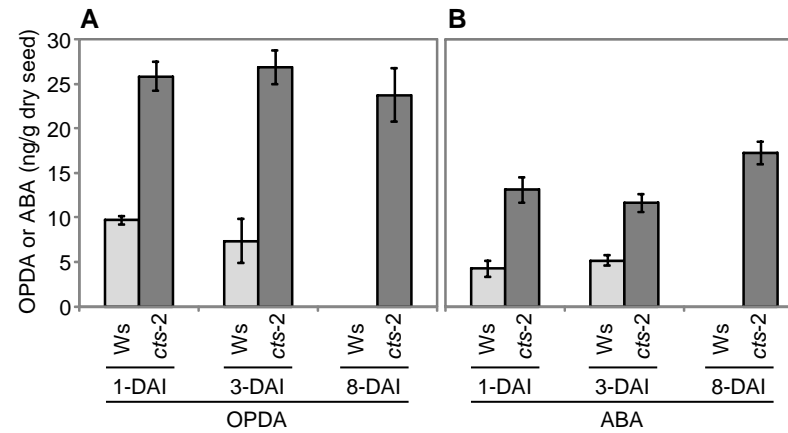


Regulation of *Arabidopsis thaliana* seed dormancy and germination by 12-oxo-phytodienoic acid.
Anuja Dave, Fabián E. Vaistij, Alison D. Gilday, Steven D. Penfield and Ian A. Graham

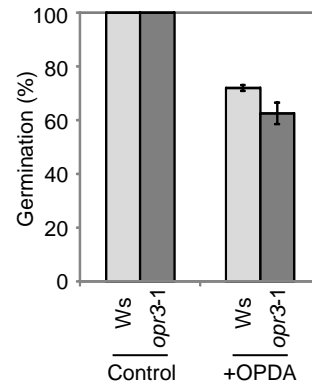
Supplementary Data



Supplementary Figure S1. OPDA requires ABA to inhibit germination: Germination assays of wild-type (Col) after-ripened seeds from 1 to 7 days after imbibition (1D–7D) on water agar (Control) plates and water agar supplemented with 10 μ M OPDA (+OPDA), 5 μ M Norflurazon (+Norf.), or both (+OPDA+Norf.).



Supplementary Figure S2. OPDA and ABA levels are increased in *cts-2* seeds: (A) OPDA and (B) ABA levels in wild-type (Ws) and *cts-2* mutant seeds measured 1, 3 and 8 days after imbibition (DAI) on water agar plates.



Supplementary Figure S3. *opr3-1* seeds are sensitive to OPDA: Germination profiles of after-ripened wild-type (Ws) and *opr3-1* seeds on water agar (Control) plates and water agar supplemented with 10 μ M OPDA (+OPDA).

Supplementary Table S1

ACT-For	TGAGAGATTCAGATGCCAGA
ACT-Rev	TGGATTCCAGCAGCTCCAT
ABA1-For	ATGGCTTGCAATTATGGCTTC
ABA1-Rev	TCATCGGCTTTGTCAGTGAG
ABI5-For	CAATAAGAGAGGGATAGCGAACGAG
ABI5-Rev	CGTCCATTGCTGTCTCCTCCA
RGL2-For	CCGACCCGAATCTGAAACCTTAGTG
RGL2-Rev	AAGCGCTTCGTTGAACCTATCGAG
MFT-For	ATCACTAACGGCTGCGAGAT
MFT-Rev	CGGGAATATCCACGACAATC
AOS-For	AAGTCAAAGCCGGTCAAAT
AOS-Rev	CTTACCGGCGCATTGTTTAT

Supplementary Table S1. Sequence of primers used for gene expression analyses.