SUPPLEMENTARY DATA

FIG. S1. Images of *Taxus baccata* samples used in this work. LA1, LA2, LA3: leafy arils at different stages of development; FA, fleshy green arils; B1, breaker-1 arils; B2, breaker-2 arils; R, red ripe arils.

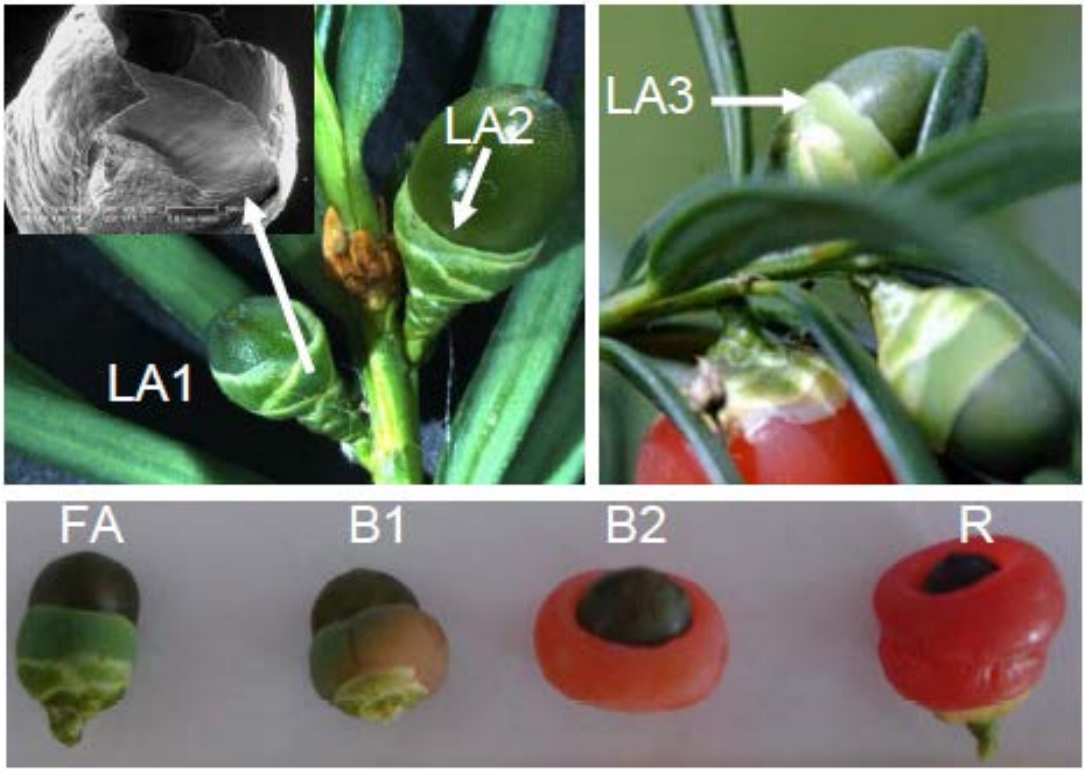
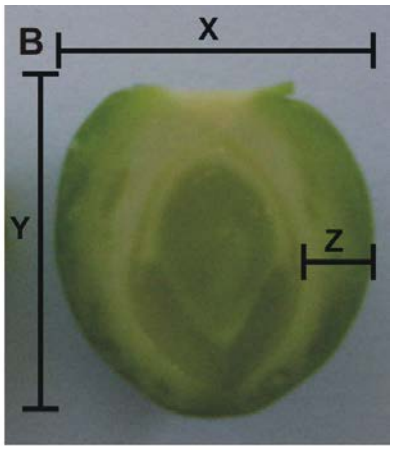


FIG. S2. Characterization of the various Ginkgo samples used in this work.



C

SAMPLE	X (cm)	Y (cm)	Z (cm)
8/5	0,8	0,6	0,2
15/5	1,0	1,0	0,3
23/5	1,4	1,2	0,4
6/6	2,5	1,6	0,7
17/7	3	2,6	0,9
4/8	3	2,7	0,9
3/9	3	2,7	0,9

FIG. S3. Pollen viability assay.

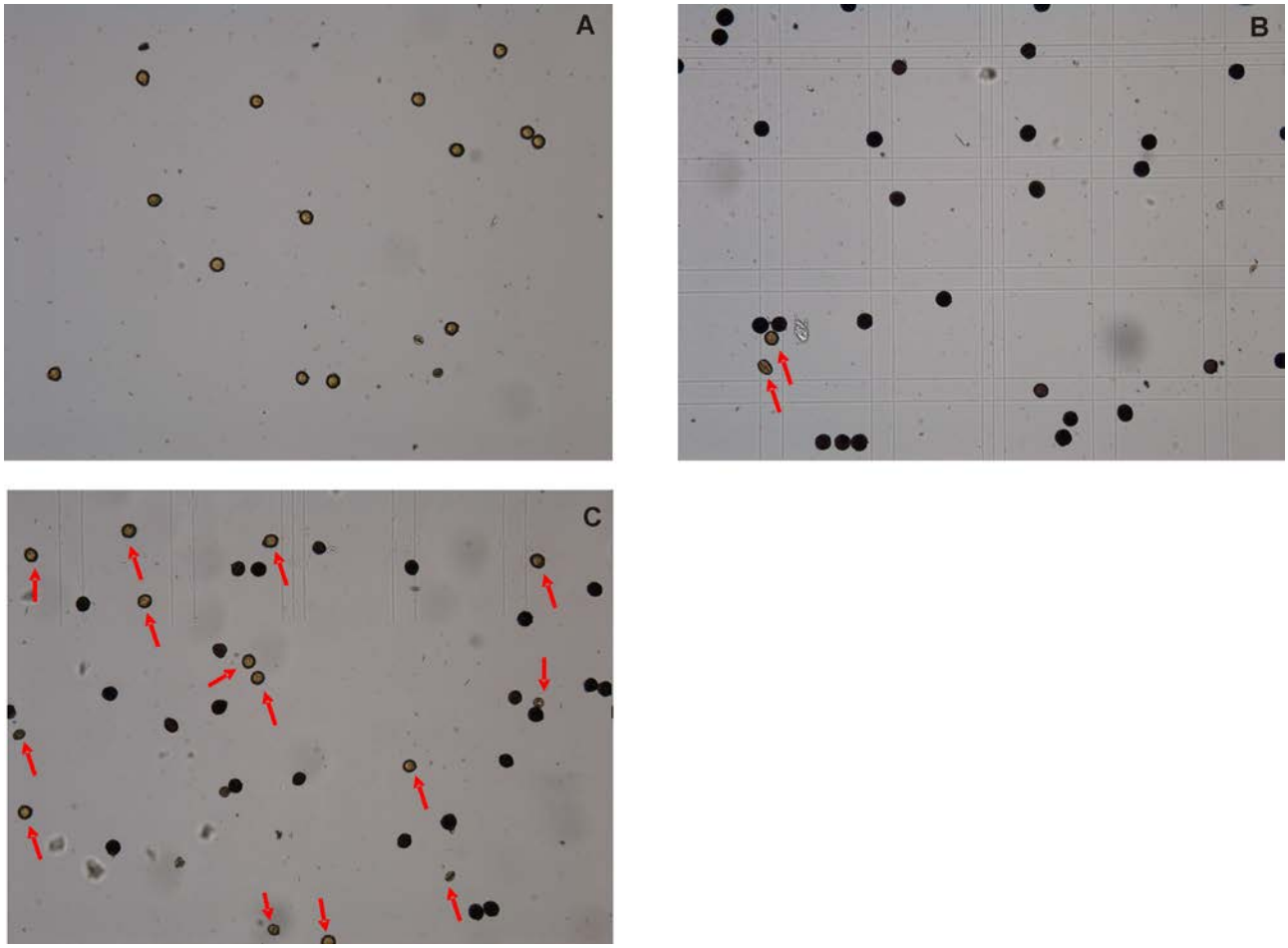


FIG. S4. K-domain analysis of *Arabidopsis thaliana transparent testa 16* (*ABS/TT16*), *Ginkgo biloba B-sister* (*GBM10*), *Taxus baccata B-sister* (*TbBS*), *Arabidopsis thaliana GORDITA* (*GOA/AGL63*).

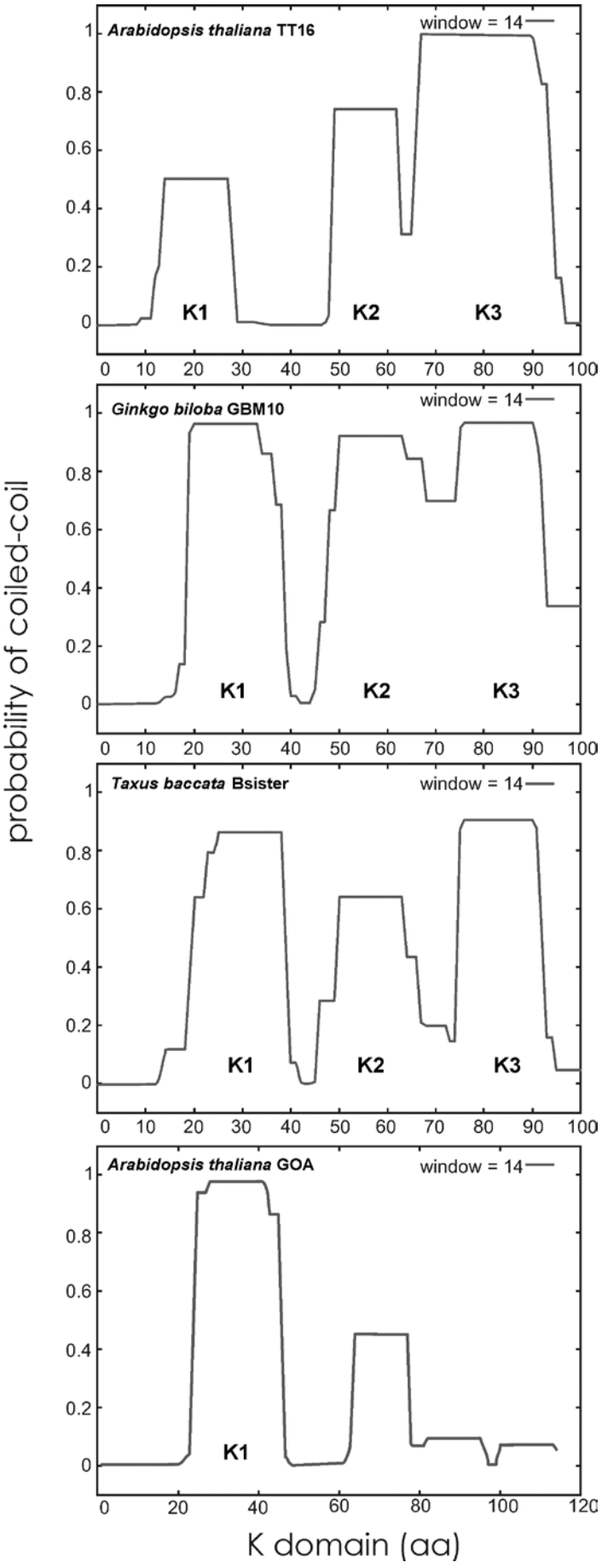


TABLE S1. List of primers used in this work.

	OLIGONUCLEOTIDE SEQUENCE 5'-3'	NOTE
Taxus baccata Bs		
TbBsdegfor2 TbBsdegrev3	TCCAGCATGARRAAGRTYMTMGA TCCTGSARRTTYGGYTGWKTKGG	primers used for the amplification of most part of k-domain and C- domain
RQVmadsfor TbBsrealrev	GRCARRTNACNTTYKSNAARMG CGCCGCCGCCTCTTGTTGT	primers used for the amplification of most part of MADS domain and K-domain
TbBsrealfor AUAP	GTCCGCCAATCGTGTTCGTGCTA GGCCACGCGTCGACTAGTAC (supplied by the kit)	3' RACE
TbBs5racerev6	GGAGAAGATGATGAGCCCAAGTT	5' RACE. Primer used for cDNA synthesis
TbBs5racerev7 5'race abridged anchor primer	GTGACTTGTCTGTTGGTGCTGTTC GGCCACGCGTCGACTAGTACGGGIIGGGIIGGGIIG (supplied by the kit)	5' RACE
TbBsintfor TbBsintrev	AGGAGACATGGGACGCGGAAAGAT CAGACTAGAGTTGTAGCGGTGCTC	primers used to amplify and to control the coding region
TbITSfor TbITSrev	AAGTGTCGCCGGGCAGGTAATG CGTGGGGGAAAATCGGAGAAA	primers used to normalized the expression
TbBsrealfor TbBsrealrev	GTCCGCCAATCGTGTTCGTGCTA CGCCGCCGCCTCTTGTTGT	primers used to study the expression
Ginkgo biloba GbMADS10		
Gbitsfor Gbitsrev	GCGGTCGGGAAGGATGTGC GCCGAGGGGAAATGCGAGAAG	primers used to normalized the expression
GbMADS10realtimefor GbMADS10realtimerev	TCAAGCTGCAGTGGAAGGTGTGGT TTGGCTGTGTTGGCTGGAGACG	primers used to study the expression

TABLE S2. Primers, vectors and enzymes used to prepare the probes for the *in situ* hybridization analysis.

Name	Primer forward	Primer reverse	Lenght	Vector	Enzymes used to linearized
TbBS	GCCCGGCTATGCGAGTTT	CGCCGCCGCCTCTTGTTGT	300bp	pGEM-T Easy (Promega)	SalI, NcoI
GBM10	AAGTCGCAGCAAATCGTGTTCG	TTGGCTGTGTTGGCTGGAGACG	261bp	pCRII TOPO (invitrogen)	BamHI, XhoI