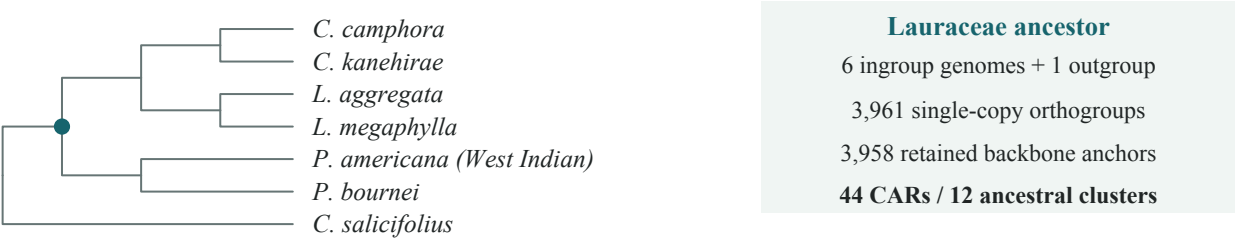


A Phylogenetic context of ancestral reconstruction



Topology schematic; branch lengths and support values are not shown.

B Ancestral CAR order and orientation

							Backbone OGs
ANC01	02 -	29 +	28 +	27 +	08 -		539
ANC02	05 -	34 ?	06 +				524
ANC03	01 -	32 -	43 ?	30 -	15 -		492
ANC04	21 -	03 -	24 -				335
ANC05	04 +	35 ?	22 -				309
ANC06	07 -	19 -					300
ANC07*	14 ?	45 ?	39 ?	33 +	47 ?	16 ? 26 +	279
ANC08	12 +	42 ?	46 ?	41 ?	17 -		277
ANC09	13 -	36 ?	18 +				245
ANC10	10 -	38 ?	20 -				234
ANC11	09 +	23 -					230
ANC12	11 +	25 -	31 +				194

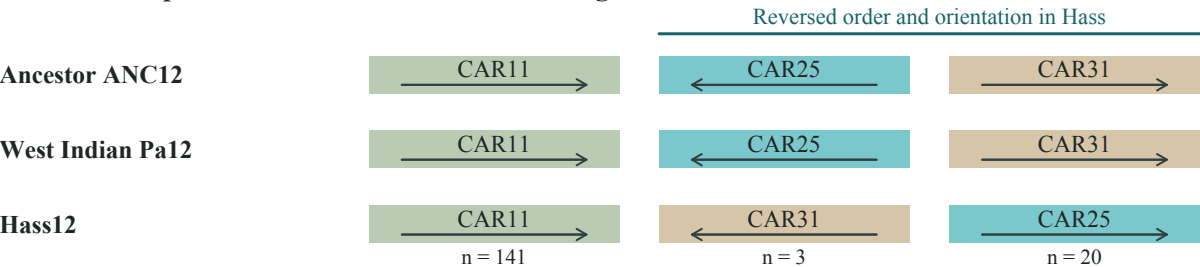
CAR labels: 01 = CAR0001; + / - = orientation; ? = unresolved (13 CARs).
* ANC07: four equally supported orders. Equal-width blocks show order, not physical length.

C Conserved chromosome-level correspondence across Lauraceae

	<i>C. camphora</i>	<i>C. kanehirae</i>	<i>L. aggregata</i>	<i>L. megaphylla</i>	West Indian	<i>P. bournei</i>
ANC01	S01 (538)	S01 (538)	Chr08 (539)	S01 (539)	Pa02 (539)	Chr01 (538)
ANC02	S12 (524)	S03 (524)	Chr04 (523)	S02 (524)	Pa01 (524)	Chr03 (516)
ANC03	S10 (492)	S02 (492)	Chr05 (491)	S04 (491)	Pa03 (492)	Chr02 (491)
ANC04	S02 (335)	S04 (331)	Chr10 (333)	S05 (333)	Pa05 (335)	Chr05 (333)
ANC05	S03 (309)	S07 (309)	Chr01 (309)	S07 (309)	Pa06 (308)	Chr07 (304)
ANC06	S11 (300)	S11 (300)	Chr06 (300)	S11 (299)	Pa09 (300)	Chr09 (299)
ANC07	S06 (279)	S06 (279)	Chr12 (270)	S03 (273)	Pa08 (279)	Chr10 (278)
ANC08	S07 (277)	S05 (277)	Chr02 (276)	S06 (276)	Pa07 (276)	Chr04 (272)
ANC09	S04 (245)	S08 (245)	Chr09 (245)	S08 (245)	Pa04 (245)	Chr06 (244)
ANC10	S09 (234)	S09 (234)	Chr03 (232)	S09 (233)	Pa11 (234)	Chr11 (229)
ANC11	S05 (230)	S10 (230)	Chr11 (230)	S12 (230)	Pa10 (230)	Chr08 (225)
ANC12	S08 (194)	S12 (194)	Chr07 (193)	S10 (193)	Pa12 (193)	Chr12 (192)

Cells: dominant chromosome / sequence ID (supporting backbone anchors).
Sxx: abbreviated accession; full IDs are supplied in the data key. Minor assignments are omitted.

D Ancestral polarization of the Hass12 rearrangement candidate



Axes normalized to the ancestral direction; schematic, not to scale.
n: one-to-one anchors projected to Hass12. Breakpoints remain unvalidated.