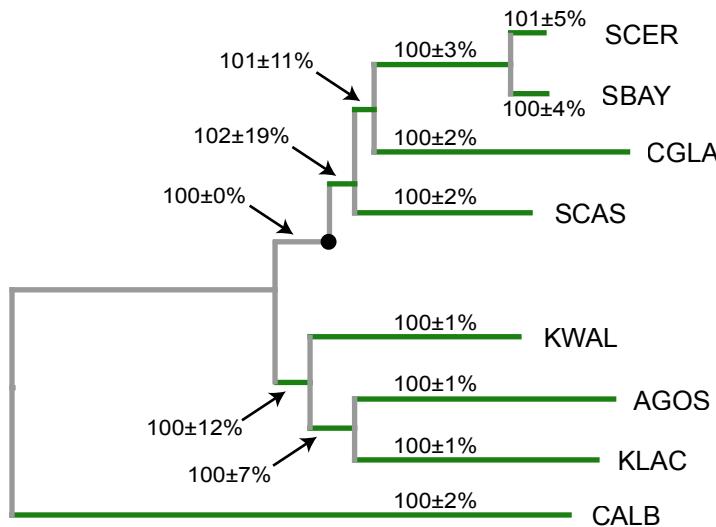


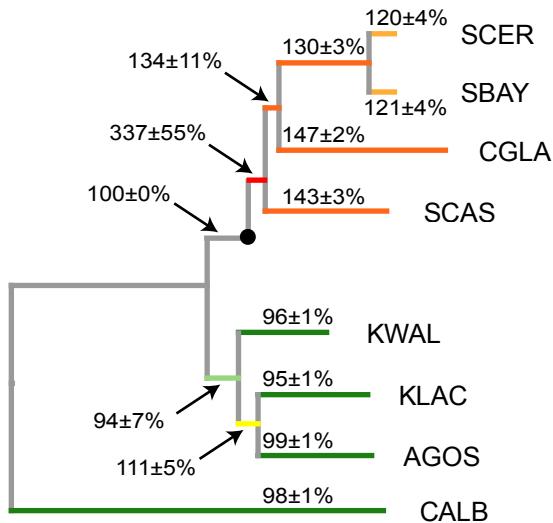
A
A2 replaced with a random sample of (single-copy) sites from A1



Scale Bar: 0.1 | Fixed | < 85 % | 85 - 94% | 100 ± 5% | 106 - 115% | 116 - 125% | 126 - 150% | > 150%

B

Sites with combinations of amino acids in *K. waltii*, *K. lactis* and *A. gossypii* that occur fewer than 5 times in either A1 or A2 discarded



C

Equal numbers of sequences in A1 and A2

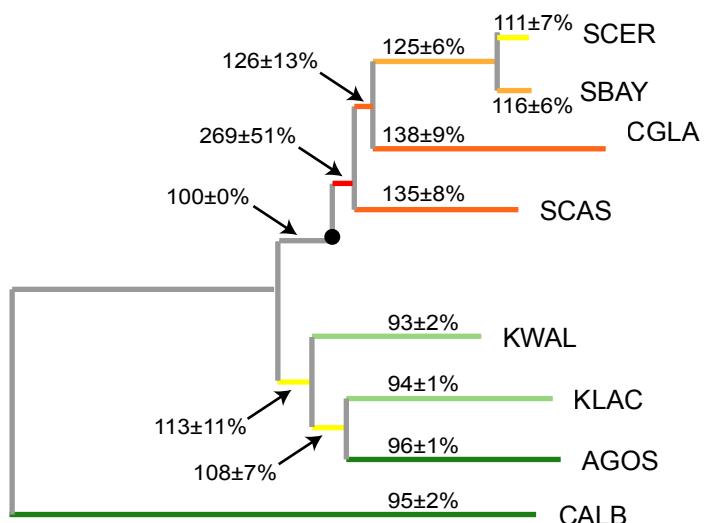


Figure S2

Scannell and Wolfe