

Appendix S5. STRUCTURE results. A: plot of log likelihood (A1) and ΔK (A2) from STRUCTURE analysis of all cultivated and wild accessions of *Daucus carota* subsp. *carota* and subsp. *sativus* used in this study. The median likelihood (with standard deviations as vertical lines) and ΔK estimates are indicated. B: Percentage of membership (q) for each of the clusters identified at $K=2$ (B1) and clusters as identified with $q > 0.7$ (70%) (B2). Asterisks indicate samples with a percentage of membership $>70\%$ that did not cluster according to the original geographic location. Group codes: C: cultivated carrot; W: wild carrot; C1: South America; C3: European cultivated; C4: North Africa cultivated; C5: Middle East cultivated; C6: Central Asia cultivated; C7: South Asia cultivated; C8: North Asia cultivated; W2: North America wild; W3: European wild; W4: North Africa wild; W5: Middle East wild; W6: Central Asia wild.

