

## *Supplementary Material 7*

# Plastid phylogenomics reveals evolutionary relationships in the mycoheterotrophic orchid genus *Dipodium* and provides insights into plastid gene degeneration

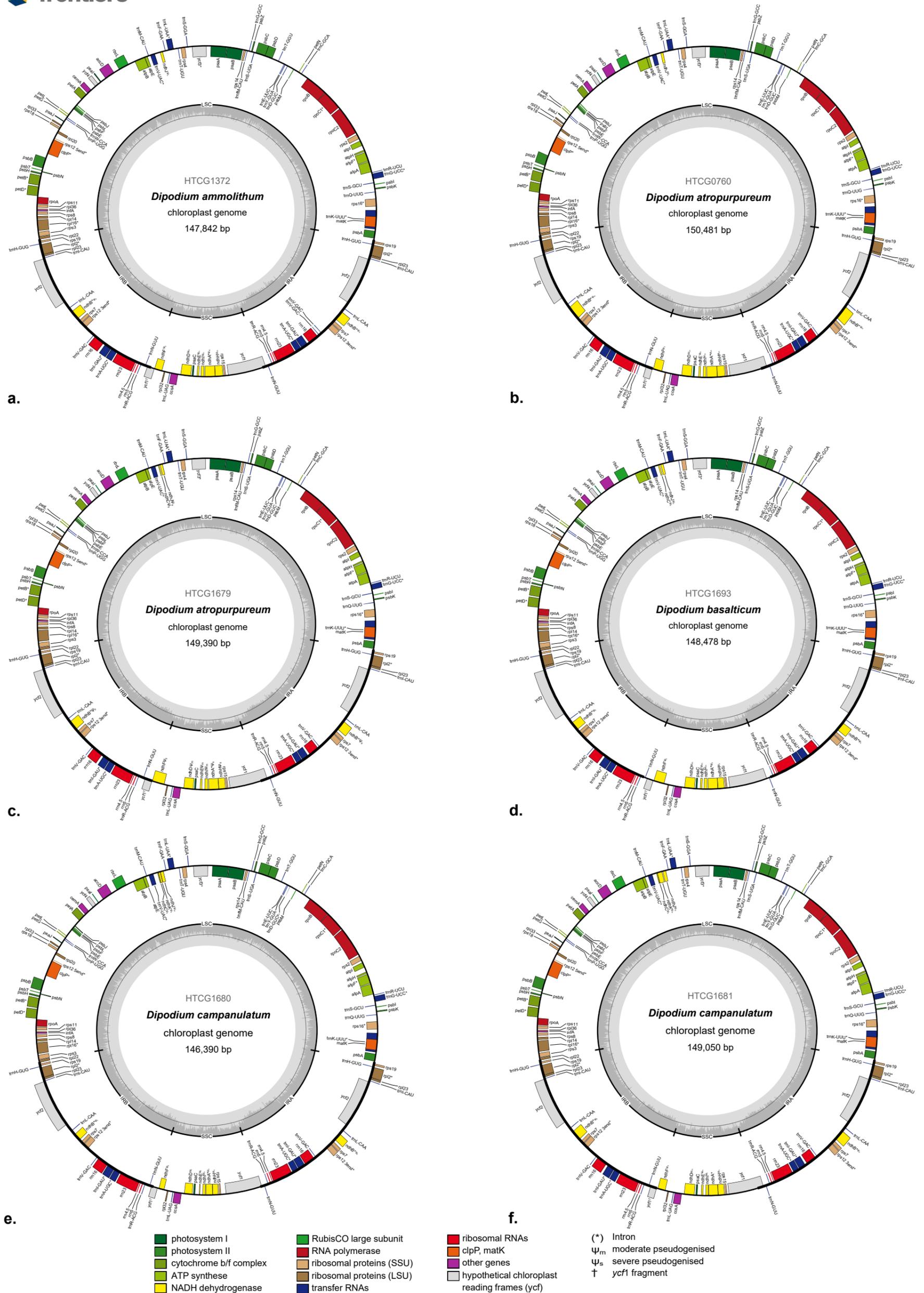
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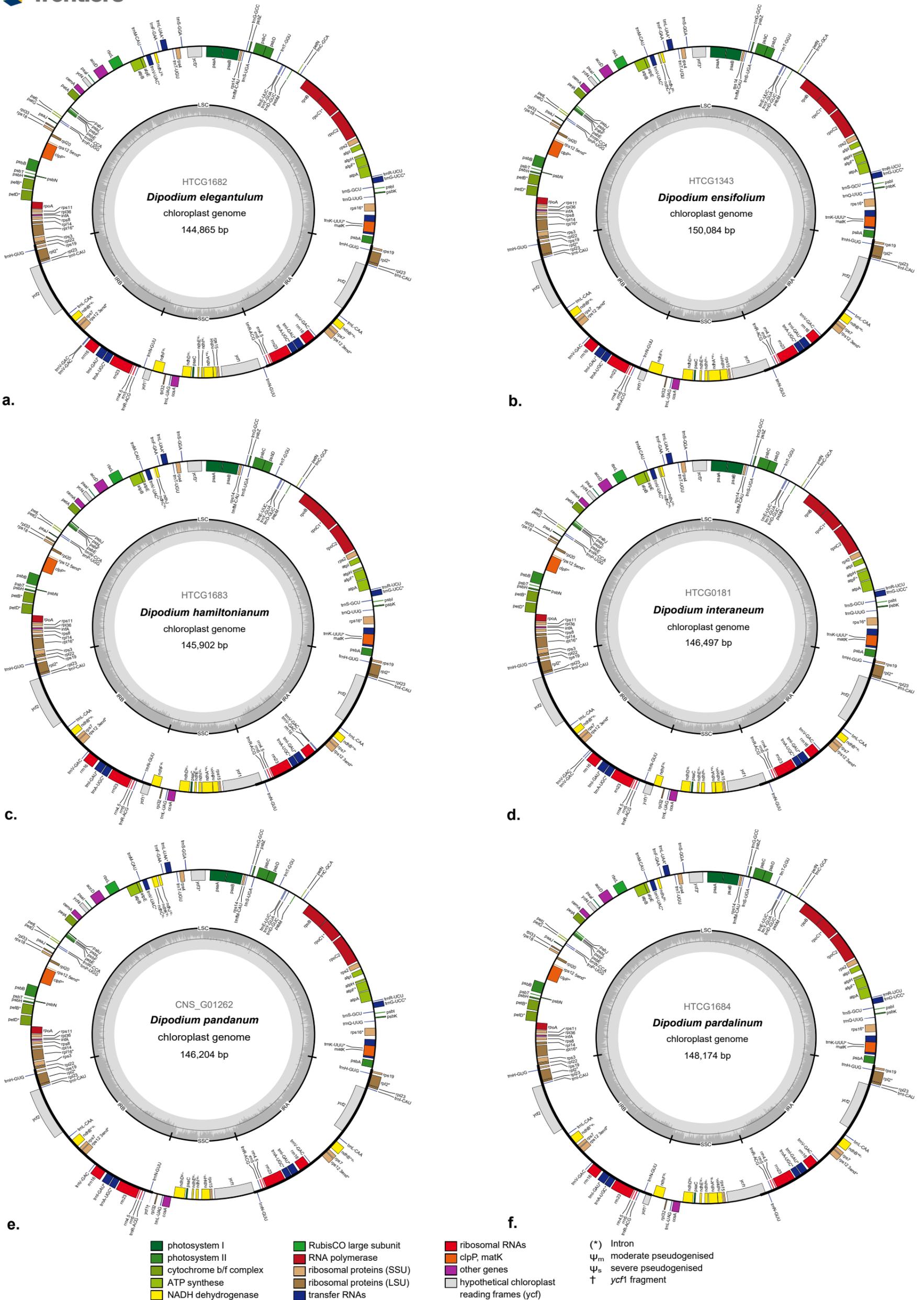
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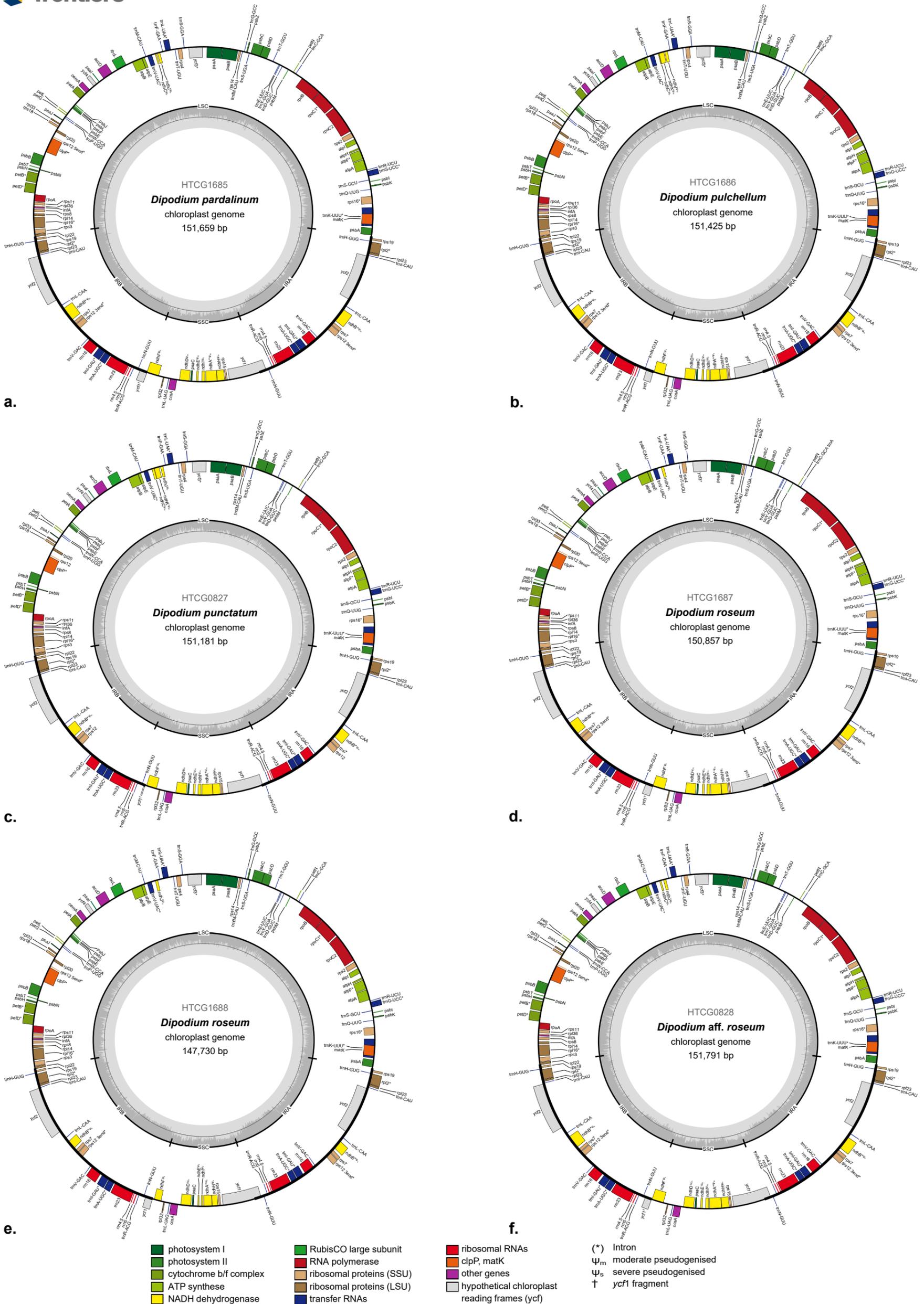
Circular plastome maps of 24 newly generated *Dipodium* plastomes.



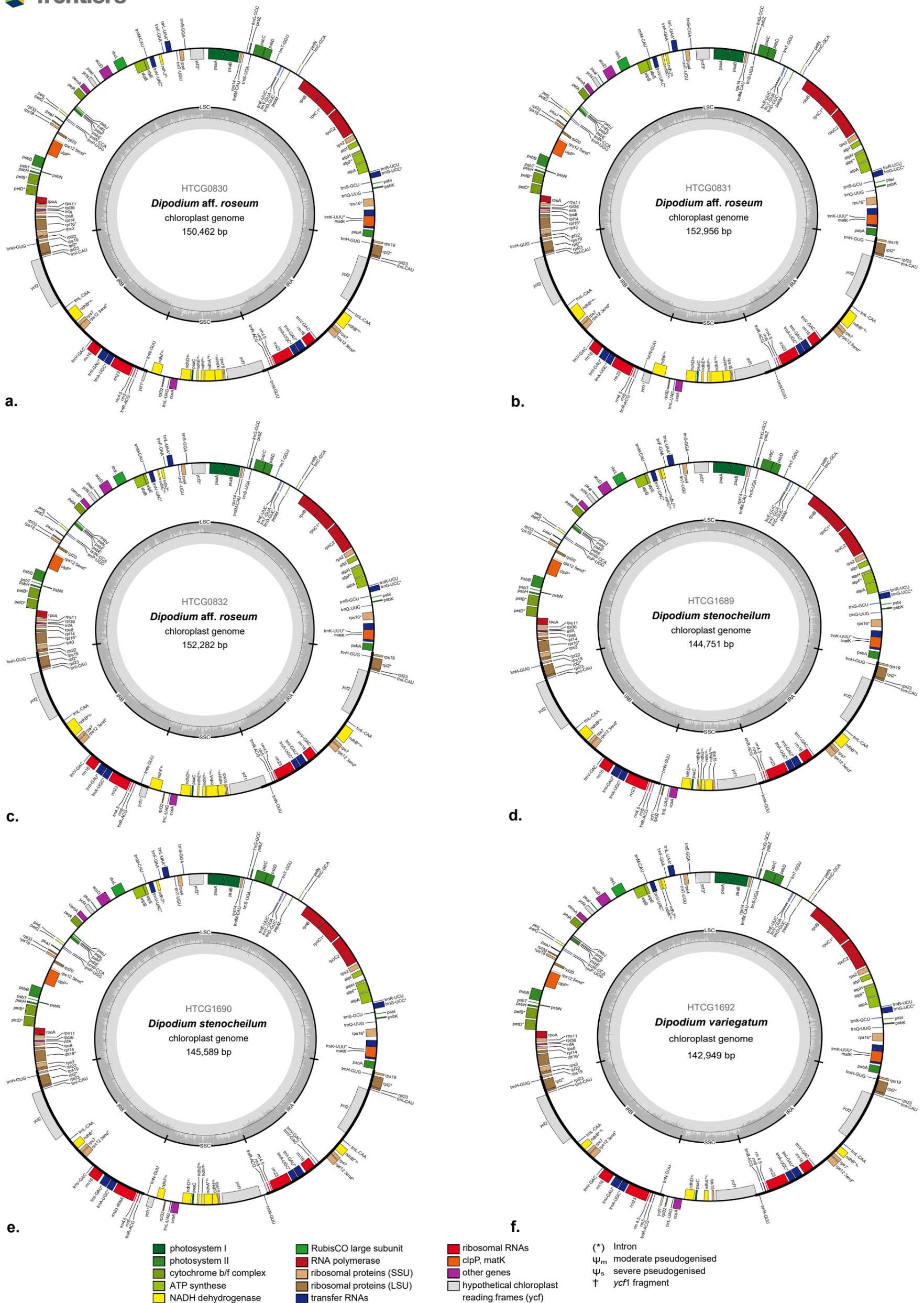
**Figure S7.1:** Circular plastome maps of a. *D. ammolithum* (HTCG1372), b., c. *D. atropurpureum* (HTCG0760, HTCG1679), d. *D. basalticum* (HTCG1683) and e., f. *D. campanulatum* (HTCG1680, HTCG1681). Genes outside the circle are transcribed in a clockwise direction, those inside the circle are transcribed in a counterclockwise direction. The dark grey inner circle corresponds to the G/C content, and the lighter grey to the A/C content. SSC: Small Single Copy; LSC: Large Single Copy; IRA/B: Inverted Repeat A/B.



**Figure S7.2:** Circular plastome maps of a. *D. elegantulum* (HTCG1682), b. *D. ensifolium* (HTCG1343), c. *D. hamiltonianum* (HTCG1683), d. *D. interaneum* (HTCG0181), e. *D. pandanum* (CNS\_G01262) and f. *D. pardalinum* (HTCG1684). Genes outside the circle are transcribed in a clockwise direction, those inside the circle are transcribed in a counterclockwise direction. The dark grey inner circle corresponds to the G/C content, and the lighter grey to the A/C content. SSC: Small Single Copy; LSC: Large Single Copy; IRA/B: Inverted Repeat A/B.



**Figure S7.3:** Circular plastome maps of a. *D. pardalinum* (HTCG1685), b. *D. pulchellum* (HTCG1686), c. *D. punctatum* (HTCG0827), d., e. *D. roseum* (HTCG1687, HTCG1688) and f. *D. aff. roseum* (HTCG0828). Genes outside the circle are transcribed in a clockwise direction, those inside the circle are transcribed in a counterclockwise direction. The dark grey inner circle corresponds to the G/C content, and the lighter grey to the A/C content. SSC: Small Single Copy; LSC: Large Single Copy; IRA/B: Inverted Repeat A/B.



**Figure S7.4:** Circular plastome maps of a-c. *D. aff. roseum* (HTCG0830, HTCG0831, HTCG0832), d., e. *D. stenocheilum* (HTCG1689, HTCG1690) and f. *D. variegatum* (HTCG1692). Genes outside the circle are transcribed in a clockwise direction, those inside the circle are transcribed in a counterclockwise direction. The dark grey inner circle corresponds to the G/C content, and the lighter grey to the A/C content. SSC: Small Single Copy; LSC: Large Single Copy; IRA/B: Inverted Repeat A/B.

