

Datasheet No. P-050.002
(Family.Genus)

Genus Datasheet
DBT- Network Programme

1. Genus:*Davallia*(L.) Sm.

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Davalliaceae M.R. Schomb.
- Subfamily:
- Genus:*Davallia*(L.) Sm.

3. Species:

Global: 22 (accepted), 254 (unassessed)

India:.

4. Taxonomic riddles:^{5, 6}

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

2C (23.03 pg)² Flow cytometry²

9. Basic chromosome number(s): $x=40$ ^{1, 3, 4}

10. Zygotic chromosome number(s): $2n=80$ ³

11. Gametic chromosome number(s): $n=40$ ^{1, 3, 4}

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/Neocentric chromosomes):

13. Ploidy level: Diploid (sexual)^{1, 3, 4}

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms:

Meiosis: ^{1, 3, 4}

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:^{5, 6}

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: