

Datasheet No. A-061.098
(Family.Genus)

DBT- Network Programme

1. Genus: *Sobralia* Ruiz & Pav.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Sobralieae
- Genus: *Sobralia* Ruiz & Pav.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Neottieae
Subtribus: Vanilleae
Genus: *Sobralia* Ruiz & Pav.

3. Species:

Global: 171

India:

4. Taxonomic riddles:

5. Distribution:

Global: Belize, Bolivia, Brazil North, Brazil Northeast, Brazil Southeast, Brazil West-Central, Colombia, Costa Rica, Ecuador, El Salvador, French Guiana, Guatemala, Guyana, Honduras, Mexico Central, Mexico Gulf, Mexico Southeast, Mexico Southwest, Nicaragua, Panamá, Peru, Suriname, Venezuela

India:

6. Habit and Habitat: commonly terrestrial, but are also found growing epiphytically, in wet forests

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=18^{1,2}$

10. Zygotic chromosome number(s): $2n=54$ ^{1, 2}

11. Gametic chromosome number(s):

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

13. Ploidy level Triploid^{1, 2}

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

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

16. Karyograms: ¹

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

