

# Genus Datasheet

Datasheet No. A-140.093  
(Family.Genus)

DBT- Network Programme

1. Genus: *Lablab* Adans.

2. Systematic position: APG IV; Bentham and Hooker:

## APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus: *Lablab* Adans

## Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: Rosales Bercht. & J. Presl  
Ordo: LeguminosaeJuss.  
Subordo: PapilionaceaeGiseke  
Genus: *Lablab* Adans

3. Species:

Global

India

4. Taxonomic riddles:

5. Distribution:

Global

India

6. Habit and Habitat:

7. Economic Importance: Green manure. Cover crop

8. DNA content range:

Methodology

**9. Basic chromosome number(s):**

**10. Zygotic chromosome number(s):**  $2n = 22^{1,2,3,4,14,15}$

**11. Gametic chromosome number(s):**

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

**13. Ploidy level:**

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

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

**16. Karyograms:**  $3,4,14$  Meiosis:

**17. Banding pattern(s):** CMA/DAPI banding<sup>4</sup>, DAPI/CPD banding<sup>14</sup>

**18. Physical mapping of chromosomes:** 5S and 45 rDNA<sup>14</sup>, 18S–5.8S–25S rDNA<sup>15</sup>

**GISH:**

**19. Phylogenetic relationship at Chromosomal; DNA level:**

**20. Cytogenetic mechanism (s) underlying evolution:**

**21. Linkage map:**<sup>5</sup>

