

Species Datasheet

Datasheet No. A-140.085.024
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: Viciamollis Boiss. & Hausskn.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *V. benthamiana* Ali

3. Systematic Position: APG IV; Bentham and Hooker:

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Polypetalae

Series: Calyciflorae

Cohors: Rosales Bercht. & J. Presl

Ordo: Leguminosae Juss.

Subordo: Papilionaceae Giseke

Genus: *Vicia* L.

Species: Viciamollis Boiss. & Hausskn.

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Vicia* L.
- Species: Viciamollis Boiss. & Hausskn.

4. Distribution:

Global Pakistan

India Kashmir

5.Indigenous/Exotic/Endemic;Cultivated/Wild:Exotic; Wild

6.Threat Status:

IUCN

BSI

7.Habit and Habitat:Suberect, Herbaceous

8.Life Form:Perennial

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value	Methodology
4C (30.77 pg) ⁴	Microdensitometer
4C (31.31pg) ⁸	Microdensitometer

12.Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=10^{4,8,116}$

14. Gametic chromosome number(s):

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:Diploid^{4,8,116}

Image file

17.Agametoploidy:

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

19.Genomic formula:

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

21.Somatic chromosomes:^{4,8}

Karyotype Majority metacentric /submetacentric chromosomes

Chromosome size

NOR chromosome(s)2

Degree of asymmetrySymmetrical

Image file

22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24.Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26.Chromosome associations:

Female meiosis

Male meiosis

Image file

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29.Any other information (Apomixis; Inversion; Male sterility;Pollen grain mitosis; Pollen stainability;Translocationsetc.):