Species Datasheet

Datasheet No. A-140.002.040 **DBT- Network Progr**
(family.genus.species)

1. **Taxon:**

Species
Subspecies
Variety:*Vignavexillata*var.*vaxillata*
Cultivar
Hybrid
Image file

2. Synonyms: *Vigna vexillata* (L.) A.Rich.,*Phaseolus pulniensis* Wight, *Phaseolus quadriflorus* Hochst. ex A. Rich., *Phaseolus sepiarius* Dalzell,*Phaseolus vexillatus* L., *Strophostyles capensis* E. Mey., *Vigna carinalis* Benth., *Vigna crinita* A. Rich., *Vigna golungensis* Baker,*Vigna hirta* Hook., *Vigna phaseoloides* Baker,*Vigna scabra* Sond., *Vigna senegalensis* A. Chev., *Vigna thonningii* Hook. f.,*Vigna tuberosa* A. Rich., *Vigna vexillata*var. *hirta* (Hook.)Baker f.,*Vigna vexillata* var. *thonningii* (Hook. f.) Baker

3.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: *Vigna*Savi
- Species:*Vignavexillata*

Bentham and Hooker (1862)
Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: LeguminosaeJuss.
Subordo: PapilionaceaeGiseke
Genus: *Vigna*Savi
Species*Vignavexillata*

4.Distribution:

Global: Belize, Colombia, Costa Rica, Honduras, Venezuela

India

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat:

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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

Image file

16.Ploidy level:

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:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

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.):