

# BSgenome.Vvinifera.URGI.IGGP12Xv0

August 24, 2021

---

BSgenome.Vvinifera.URGI.IGGP12Xv0

*Full reference nuclear genome sequences for Vitis vinifera subsp. vinifera PN40024 (IGGP version 12Xv0)*

---

## Description

Full reference nuclear genome sequences for Vitis vinifera subsp. vinifera PN40024 (derived from Pinot Noir and close to homozygosity after 6-9 rounds of selfing) as assembled by the IGGP (version 12Xv0) and available at the URGI (INRA)

## Note

This BSgenome data package was made from the following source data files:

[https://urgi.versailles.inra.fr/download/vitis/VV\\_chr12x.fsa.zip](https://urgi.versailles.inra.fr/download/vitis/VV_chr12x.fsa.zip)

See [?BSgenomeForge](#) and the BSgenomeForge vignette (`vignette("BSgenomeForge")`) in the **BSgenome** software package for how to make a BSgenome data package.

## Author(s)

Timothee Flutre [cre,aut]

## See Also

- [BSgenome](#) objects and the [available.genomes](#) function in the **BSgenome** software package.
- [DNAString](#) objects in the **Biostrings** package.
- The BSgenomeForge vignette (`vignette("BSgenomeForge")`) in the **BSgenome** software package for how to make a BSgenome data package.

**Examples**

```
BSgenome.Vvinifera.URGI.IGGP12Xv0
genome <- BSgenome.Vvinifera.URGI.IGGP12Xv0
head(seqlengths(genome))
genome$chr1 # same as genome[["chr1"]]

## -----
## Genome-wide motif searching
## -----
## See the GenomeSearching vignette in the BSgenome software
## package for some examples of genome-wide motif searching using
## Biostrings and the BSgenome data packages:
if (interactive())
  vignette("GenomeSearching", package="BSgenome")
```

# Index

## \* data

BSgenome.Vvinifera.URGI.IGGP12Xv0,  
[1](#)

## \* package

BSgenome.Vvinifera.URGI.IGGP12Xv0,  
[1](#)

[available.genomes, 1](#)

[BSgenome, 1](#)

[BSgenome.Vvinifera.URGI.IGGP12Xv0, 1](#)

[BSgenome.Vvinifera.URGI.IGGP12Xv0-package  
\(BSgenome.Vvinifera.URGI.IGGP12Xv0\),  
1](#)

[BSgenomeForge, 1](#)

[DNAString, 1](#)

[Vvinifera](#)

[\(BSgenome.Vvinifera.URGI.IGGP12Xv0\),  
1](#)