

# Package ‘toprdata’

January 10, 2022

**Title** Gene and Exon Data from Ensembl

**Version** 1.0.0

**Description**

Gene and exon information from Ensembl (build GRCh38.p13) to use with the topr package.

**License** LGPL (>= 3)

**Encoding** UTF-8

**LazyData** true

**LazyDataCompression** xz

**RoxygenNote** 7.1.2

**Suggests** testthat (>= 3.0.0), knitr, rmarkdown, markdown

**Config/testthat/edition** 3

**Imports**

**Depends** R (>= 3.5.0)

**NeedsCompilation** no

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**Repository** CRAN

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ENSEXONS

*Ensembl exons build HG38-104-5-2*

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### Description

<https://www.ensembl.info/2021/05/05/ensembl-104-has-been-released/>

### Usage

ENSEXONS

### Format

A data frame with 40,122 rows and 7 variables:

**chrom** Chromosome on build version 38 (GRCh38/hg38)

**gene\_start** genetic position of gene start on build version 38

**gene\_end** genetic position of gene end on build version 38

**gene\_symbol** The name of the gene

**exon\_chromstart** genetic positions of exon start

**exon\_chromend** genetic position of exon end

### Details

exons on chrY and chrM were excluded from the exon dataset

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ENSGENES

*Ensembl genes build HG38.104-5-2*

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### Description

<https://www.ensembl.info/2021/05/05/ensembl-104-has-been-released/>

### Usage

ENSGENES

### Format

A data frame with 40,122 rows and 5 variables:

**chrom** Chromosome on build version 38 (GRCh38/hg38)

**gene\_start** genetic position of gene start on build version 38

**gene\_end** genetic position of gene end on build version 38

**gene\_symbol** The name of the gene

**biotype** the biotype of the gene

### **Details**

genes on chrY and chrM were excluded

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*toprdata*

*toprdata*

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### **Description**

Gene and exon datasets to use with the topr package

### **datasets**

The two datasets are:

- [ENSGENES](#) Gene information
- [ENSEXONS](#) Exon informatino

### **Examples**

```
library(toprdata)
head(ENSGENES)
head(ENSEXONS)
```

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## \* **datasets**

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