

# TCGA CRC 450 dataset

Claudio Isella, Laura Cantini, Sara Erika Bellomo, Simone Chiola and Enzo Medico

April 17, 2025

## 1 Introduction

The package contain data objects of primary colorectal cancer for a total of 450 miRNA gene expression profile

The *ExpressionSet* include samples information (phenoData) and probe (genes) information The data were provided by TCGA consortium as level3 data [1]. data were generated by HiSeq and GenomeAnalyzer platforms.

```
> library(TCGAcrcmiRNA)
```

## 2 Introduction

Data can be loaded as follow.

```
> data(TCGAmirna)
```

## 3 References

### References

- [1] Network, C.G.A. *Network, C.G.A. Comprehensive molecular characterization of human colon and rectal cancer* Nature 487, 330-7 (2012).