

CRC line line 18 dataset

Claudio Isella, Laura Cantini, Simone Chiola and Enzo Medico

October 24, 2025

1 Introduction

The package contain data objects of miRNA and mRNA profile of 18 colorectal cancer cell line classified according to CRC-Assigner [?]. The *ExpressionSet* include samples information (phenoData) and probe (genes) information. Data were respectively for mRNA and miRNA with Illumina BeadChip and Illumina smallTruSeq method.

```
> library(CRCL18)
```

2 Introduction

both the *ExpressionSet* can be loaded as it follows

```
> data(CRCLmrna)
> data(CRCLmirna)
```

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).