

# The CopyNumber450kData User's Guide: Normal controls for the CopyNumber450k package

Simon Papillon-Cavanagh<sup>1,3</sup>, Jean-Philippe Fortin<sup>2</sup>, and  
Nicolas De Jay<sup>3</sup>

<sup>1</sup>McGill University and Genome Quebec Innovation Centre,  
Montreal, QC, Canada

<sup>2</sup>Department of Biostatistics, Johns Hopkins Bloomberg School  
of Public Health, Baltimore, MD, USA

<sup>3</sup>Department of Human Genetics, McGill University, Montreal,  
QC, Canada

October 15, 2015

## Contents

<b>1 Description</b>	<b>1</b>
1.1 Example . . . . .	2

## 1 Description

In this package we provide a set of 52 control samples for the package Copy-Number450k. The provided controls consist of material from healthy patients with nominally no copy number aberrations. Users of CopyNumber450k may use this data package to complement their analysis.

## 1.1 Example

```
> require(CopyNumber450kData)
> data(RGcontrolSetEx)
> pData(RGcontrolSetEx)[,3:4]
```

	Sample_Name	Sample_Group
8667045060_R01C01	Control 1	control
8667045060_R05C02	Control 2	control
8667045134_R04C01	Control 3	control
8667045134_R02C02	Control 4	control
8784225140_R02C01	Control 5	control
8784225140_R03C01	Control 6	control
8784225140_R04C02	Control 7	control
8784241018_R05C01	Control 8	control
8784241018_R01C02	Control 9	control
8784241018_R06C02	Control 10	control
8784241104_R03C02	Control 11	control
8784241104_R05C02	Control 12	control
8784241116_R01C01	Control 13	control
8784241116_R04C01	Control 14	control
8221916011_R01C01	Control 15	control
8221916011_R02C01	Control 16	control
8221916011_R03C01	Control 17	control
8221916011_R04C01	Control 18	control
8221916038_R01C02	Control 19	control
9296930142_R01C01	Control 20	control
9296930142_R02C01	Control 21	control
9296930142_R03C01	Control 22	control
9296930142_R04C01	Control 23	control
9296930142_R05C01	Control 24	control
9296930142_R06C01	Control 25	control
9296930142_R01C02	Control 26	control
9296930142_R02C02	Control 27	control
9296930142_R03C02	Control 28	control
9296930142_R05C02	Control 29	control
9296930142_R06C02	Control 30	control
9296931008_R01C01	Control 31	control
9296931008_R02C01	Control 32	control

9296931008_R03C01	Control 33	control
9296931008_R04C01	Control 34	control
9296931008_R05C01	Control 35	control
9296931008_R06C01	Control 36	control
9296931008_R02C02	Control 37	control
9296931008_R03C02	Control 38	control
9296931008_R04C02	Control 39	control
9296931008_R05C02	Control 40	control
9296931008_R06C02	Control 41	control
9296931071_R03C01	Control 42	control
9296931071_R04C01	Control 43	control
9296931071_R01C02	Control 44	control
9296931071_R04C02	Control 45	control
9296931124_R03C01	Control 46	control
5911815023_R04C01	Control 47	control
5911815023_R05C01	Control 48	control
5911815023_R06C01	Control 49	control
6229017016_R03C02	Control 50	control
5911815023_R01C01	Control 51	control
5911815023_R02C01	Control 52	control