

# beta7

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beta7

*Data from Rodriguez et al. (2004) Differential Gene Expression by Memory/Effector T Helper Cells Bearing the Gut-Homing Receptor Integrin alpha4 beta7.*

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## Description

This data package contains an `marrayRaw` instance for the as well as 6 `gpr` files of the beta7 microarray experiment.

## Usage

```
data(beta7)
```

## Details

Each arrays(hybridization) involved  $\beta7+$  cell RNA from a single subject (labeled with one dye) and  $\beta7-$  cell RNA from the same subject (labeled with the other dye). Target RNA was hybridized to microarrays containing 23,184 probes including Operon Human version 2 set of 70-mer oligonucleotide probes and 1760 controls spots (e.g. negative, positive and normalization controls spots).

## References

M.W. Rodriguez, A. C. Paquet, Y.H. Yang and D. J. Erle, Differential gene expression by integrin beta7+and beta7-memory T helper cells, *BMC Immunology* 2004, pp. 5–13.

## Examples

```
data(beta7)
summary(beta7)
dim(beta7@maGf)
```

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\*Topic **datasets**

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