

# [Genome] Restriction Enzyme Site Table

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Mon Oct 17 09:47:58 PDT 2005

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Hello,

The table is in the shared database hgFixed and is called "cutters".

This file can be downloaded from this location:

<http://hgdownload.cse.ucsc.edu/goldenPath/hgFixed/database/>

The data fields for this table are:

```
table cutter
"Restriction Enzymes"
(
    string name;                "Name of Enzyme"
    uint size;                  "Size of recognition sequence"
    uint matchSize;             "size without N's"
    string seq;                 "Recognition sequence"
    uint cut;                   "Cut site on the plus strand"
    int overhang;               "Overhang"
    ubyte palindromic;          "1 if it's panlidromic, 0 if not."
    ubyte semicolon;            "1 if it's from a REBASE record that
has a semicolon in front, 0 if not."
    uint numSciz;               "Number of isoscizomers"
    string[numSciz] scizs;      "Names of isoscizomers"
    uint numCompanies;          "Number of companies selling this enzyme"
    char[numCompanies] companies; "Company letters"
    uint numRefs;               "Number of references"
    uint[numRefs] refs;         "Reference numbers"
)
```

Let us know if you need more information,

Jennifer Jackson

UCSC Genome Bioinformatics Group

Kevin M. Brown wrote:

```
>Hi,
>
>I'm looking for the table(s) used to generate the restriction enzyme
>site track (data provided by REBASE) in the latest human genome build,
>but can't find it on the FTP site or in the table browser.
>
>Is this track available yet anywhere for download?
>
>Thanks in advance!
>
>Kevin Brown
>Post-Doctoral Fellow
>Melanoma Genomics Unit
>TGen
>445 N. Fifth Street
>Phoenix, AZ 85004
>Tel: 602.343.8806
>Fax: 602.343.8840
>kmbrown at tgen.org
>
```

>  
>Genome maillist - [Genome at soe.ucsc.edu](mailto:Genome@soe.ucsc.edu)  
><http://www.soe.ucsc.edu/mailman/listinfo/genome>  
>  
>

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