

# *gwascat*: structuring and querying the NHGRI GWAS catalog

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October 14, 2019

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\*Generous support of Robert Gentleman and the Computational Biology Group of Genentech, Inc. is gratefully acknowledged

# 1 Introduction

NHGRI maintains and routinely updates a database of selected genome-wide association studies. This document describes R/Bioconductor facilities for working with contents of this database.

## 1.1 Installation

The package can be installed using Bioconductor's *BiocManager* package, with the sequence

```
library(BiocManager)
BiocManager::install("gwascat")
```

## 1.2 Attachment and access to documentation

Once the package has been installed, use `library(gwascat)` to obtain interactive access to all the facilities. After executing this command, use `help(package="gwascat")` to obtain an overview. The current version of this vignette can always be accessed at [www.bioconductor.org](http://www.bioconductor.org), or by suitably navigating the web pages generated with `help.start()`.

## 1.3 Illustrations: computing

Available functions are:

```
> library(gwascat)
> objects("package:gwascat")

[1] "bindcadd_snv"      "chklocs"          "getRsids"
[4] "getTraits"        "gwcecx2gviz"     "ldtagr"
[7] "locs4trait"       "makeCurrentGwascat" "metadata"
[10] "node2uri"         "obo2graphNEL"    "riskyAlleleCount"
[13] "show"             "subsetByChromosome" "subsetByTraits"
[16] "topTraits"        "traitsManh"      "uri2node"
```

The extended `GRanges` instance with all SNP-disease associations is obtained as follows, using the hg19 genome build (GRCh38/hg38-based ranges are also available as `ebicat38`).

```
> data(ebicat37)
```

To determine the most frequently occurring traits:

```
> topTraits(ebicat37)
```

Obesity-related traits		Height	IgG glycosylation
	957	822	699
Type 2 diabetes		Rheumatoid arthritis	Crohn's disease
	340	294	249
Schizophrenia		Blood metabolite levels	HDL cholesterol
	248	245	220
Breast cancer			
	199		

For a given trait, obtain a GRanges with all recorded associations; here only three associations are shown:

```
> subsetByTraits(ebicat37, tr="LDL cholesterol")[1:3]
```

gwasloc instance with 3 records and 36 attributes per record.

Extracted: 2016-01-18

Genome: GRCh37

Excerpt:

GRanges object with 3 ranges and 3 metadata columns:

	seqnames	ranges	strand	DISEASE/TRAIT	SNPS	P-VALUE
	<Rle>	<IRanges>	<Rle>	<character>	<character>	<numeric>
[1]	chr2	44072576	*	LDL cholesterol	rs4299376	4e-72
[2]	chr1	150958836	*	LDL cholesterol	rs267733	5e-09
[3]	chr2	21263900	*	LDL cholesterol	rs1367117	1e-182

-----

seqinfo: 23 sequences from GRCh37 genome

## 2 Some visualizations

### 2.1 Basic Manhattan plot

A basic Manhattan plot is easily constructed with the ggbio package facilities. Here we confine attention to chromosomes 4:6. First, we create a version of the catalog with  $-\log_{10}p$  truncated at a maximum value of 25.

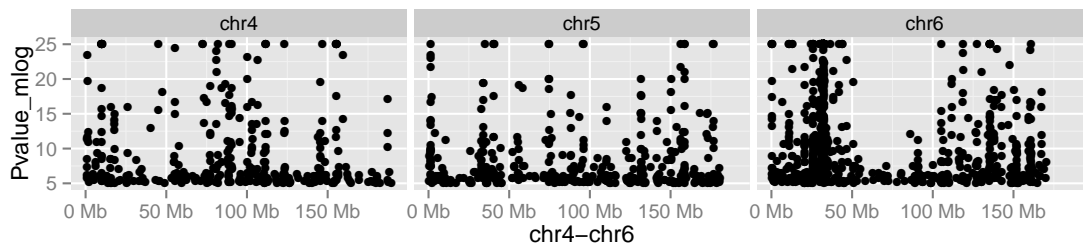
```
> gwtrunc = ebicat37
> requireNamespace("S4Vectors")
> mcols = S4Vectors::mcols
> mlpv = mcols(ebicat37)$PVALUE_MLOG
> mlpv = ifelse(mlpv > 25, 25, mlpv)
> mcols(gwtrunc)$PVALUE_MLOG = mlpv
> library(GenomeInfoDb)
> seqlevelsStyle(gwtrunc) = "UCSC"
```

```

> gwlit = gwtrunc[ which(as.character(seqnames(gwtrunc)) %in% c("chr4", "chr5", "chr6
> library(ggbio)
> mlpv = mcols(gwlit)$PVALUE_MLOG
> mlpv = ifelse(mlpv > 25, 25, mlpv)
> mcols(gwlit)$PVALUE_MLOG = mlpv

> methods:::bind_activation(FALSE)
> autoplot(gwlit, geom="point", aes(y=PVALUE_MLOG), xlab="chr4-chr6")

```



## 2.2 Annotated Manhattan plot

A simple call permits visualization of GWAS results for a small number of traits. Note the defaults in this call.

July 2018: The following is unevaluated owing to ggbio.

```

> args(traitsManh)

```

```

function (gwr, selr = GRanges(seqnames = "chr17", IRanges(3e+07,
  5e+07)), traits = c("Asthma", "Parkinson's disease", "Height",
  "Crohn's disease"), truncmlp = 25, ...)

```

```

NULL

```

```

> traitsManh(gwtrunc)

```

## 2.3 Integrative view of potential genetic determinants

The following chunk uses GFF3 data on eQTL and related phenomena distributed at the GBrowse instance at [eqtl.uchicago.edu](http://eqtl.uchicago.edu). A request for all information at 43-45 Mb was made on 2 June 2012, yielding the GFF3 referenced below. Of interest are locations and scores of genetic associations with DNaseI hypersensitivity (scores identifying dsQTL, see Degner et al 2012).

```

> gffpath = system.file("gff3/chr17_43000000_45000000.gff3", package="gwascat")
> library(rtracklayer)
> c17tg = import(gffpath)

```

We make a Gviz DataTrack of the dsQTL scores.

```
> c17td = c17tg[ which(mcols(c17tg)$type == "Degner_dsQTL") ]
> library(Gviz)
> dsqs = DataTrack( c17td, chrom="chr17", genome="hg19", data="score",
+   name="dsQTL")
```

We start the construction of the graph here.

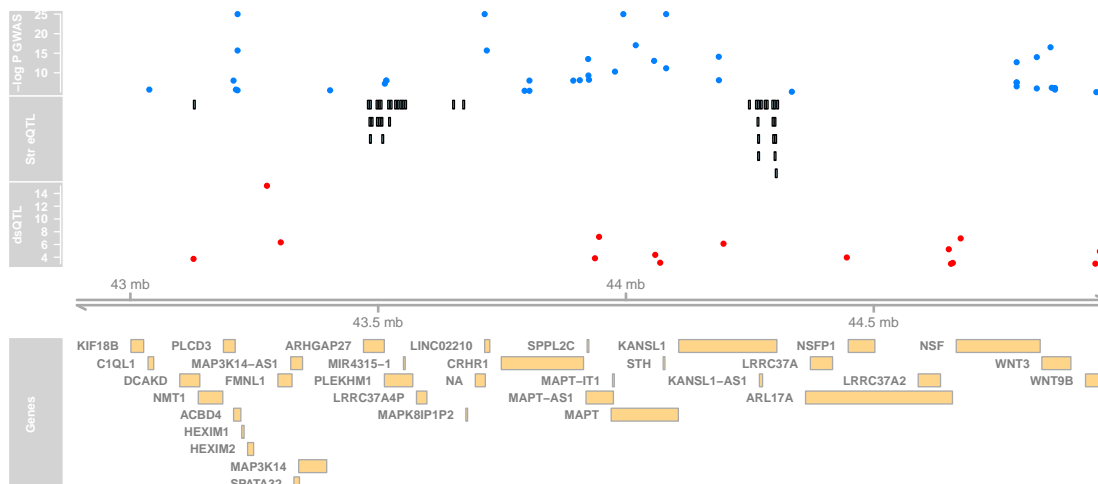
```
> g2 = GRanges(seqnames="chr17", IRanges(start=4.3e7, width=2e6))
> seqlevelsStyle(ebicat37) = "UCSC"
> basic = gwcx2gviz(basegr = ebicat37, contextGR=g2, plot.it=FALSE)
```

We also collect locations of eQTL in the Stranger 2007 multipopulation eQTL study.

```
> c17ts = c17tg[ which(mcols(c17tg)$type == "Stranger_eqtl") ]
> eqloc = AnnotationTrack(c17ts, chrom="chr17", genome="hg19", name="Str eQTL")
> displayPars(eqloc)$col = "black"
> displayPars(dsqs)$col = "red"
> integ = list(basic[[1]], eqloc, dsqs, basic[[2]], basic[[3]])
```

Now use Gviz.

```
> plotTracks(integ)
```



### 3 SNP sets and trait sets

#### 3.1 SNPs by name

We can regard the content of a SNP chip as a set of SNP, referenced by name. The `pd.genomewidesnp.6` package describes the Affymetrix SNP 6.0 chip. We can determine

which traits are associated with loci interrogated by the chip as follows. We work with a subset of the 1 million loci for illustration.

The `locon6` data frame has information on 10000 probes, acquired through the following code (not executed here to reduce dependence on the `pd.genomewidesnp.6` package, which is very large).

```
> library(pd.genomewidesnp.6)
> con = pd.genomewidesnp.6@getdb()
> locon6 = dbGetQuery(con,
+   "select dbsnp_rs_id, chrom, physical_pos from featureSet limit 10000")
```

Instead use the serialized information:

```
> data(locon6)
> rson6 = as.character(locon6[[1]])
> rson6[1:5]

[1] "rs2887286" "rs1496555" "rs41477744" "rs3890745" "rs10492936"
```

We subset the GWAS ranges structure with rsids that are common to both the chip and the GWAS catalog. We then tabulate the diseases associated with the common loci.

```
> intr = ebicat37[ intersect(getRsids(ebicat37), rson6) ]
> sort(table(getTraits(intr)), decreasing=TRUE)[1:10]
```

```

                                Height
                                6
      Select biomarker traits
                                3
      Bipolar disorder
                                2
      Dental caries
                                2
      Homocysteine levels
                                2
      IgG glycosylation
                                2
      Immune reponse to smallpox (secreted IFN-alpha)
                                2
      Metabolic traits
                                2
      Mitochondrial DNA levels
                                2
      Response to cytidine analogues (cytosine arabinoside)
                                2
```

## 3.2 Traits by genomic location

We will assemble genomic coordinates for SNP on the Affymetrix 6.0 chip and show the effects of identifying the trait-associated loci with regions of width 1000bp instead of 1bp.

The following code retrieves coordinates for SNP interrogated on 10000 probes (to save time) on the 6.0 chip, and stores the results in a GRanges instance.

```
> gr6.0 = GRanges(seqnames=ifelse(is.na(locon6$chrom),0,locon6$chrom),
+               IRanges(ifelse(is.na(locon6$phys),1,locon6$phys), width=1))
> mcols(gr6.0)$rsid = as.character(locon6$db SNP_rs_id)
> seqlevels(gr6.0) = paste("chr", seqlevels(gr6.0), sep="")
```

Here we compute overlaps with both the raw disease-associated locus addresses, and with the locus address  $\pm$  500bp.

```
> ag = function(x) as(x, "GRanges")
> ovraw = suppressWarnings(subsetByOverlaps(ag(ebicat37), gr6.0))
> length(ovraw)
```

```
[1] 128
```

```
> ovaug = suppressWarnings(subsetByOverlaps(ag(ebicat37+500), gr6.0))
> length(ovaug)
```

```
[1] 207
```

To acquire the subset of the catalog to which 6.0 probes are within 500bp, use:

```
> rawrs = mcols(ovraw)$SNPS
> augrs = mcols(ovaug)$SNPS
> ebicat37[augrs]
```

gwasloc instance with 207 records and 36 attributes per record.

Extracted: 2016-01-18

Genome: GRCh37

Excerpt:

GRanges object with 5 ranges and 3 metadata columns:

	seqnames	ranges	strand	
	<Rle>	<IRanges>	<Rle>	
[1]	chr11	4605195	*	
[2]	chr11	46761055	*	
[3]	chr1	169519049	*	
[4]	chr11	61640379	*	
[5]	chr1	8495945	*	

	DISEASE/TRAIT
	<character>
[1]	Response to serotonin reuptake inhibitors in major depressive disorder
[2]	Venous thromboembolism
[3]	Venous thromboembolism
[4]	Trans fatty acid levels
[5]	Optic cup area

	SNPS	P-VALUE
	<character>	<numeric>
[1]	rs2566255	2e-06
[2]	rs1799963	2e-09
[3]	rs6025	1e-96
[4]	rs174449	8e-07
[5]	rs301801	3e-08

-----

seqinfo: 23 sequences from GRCh37 genome

Relaxing the intersection criterion in this limited case leads to a larger set of traits.

```
> setdiff( getTraits(ebicat37[augrs]), getTraits(ebicat37[rawrs]) )
```

```
[1] "Response to serotonin reuptake inhibitors in major depressive disorder"
[2] "Venous thromboembolism"
[3] "Hippocampal volume"
[4] "Red blood cell fatty acid levels"
[5] "Febrile seizures (MMR vaccine-related)"
[6] "Eosinophilic esophagitis"
[7] "QT interval"
[8] "Smoking cessation"
[9] "Systolic blood pressure (alcohol consumption interaction)"
[10] "QRS duration in Tripanosoma cruzi seropositivity"
[11] "Functional impairment in major depressive disorder, bipolar disorder and schizoph
[12] "Periodontitis (CDC/AAP)"
[13] "Odorant perception (&beta;-damascenone)"
[14] "Bronchopulmonary dysplasia"
[15] "Self-reported allergy"
[16] "Migraine"
[17] "Reading and spelling"
[18] "Adverse response to chemotherapy (neutropenia/leucopenia) (carboplatin)"
[19] "Obesity"
[20] "Autism spectrum disorder, attention deficit-hyperactivity disorder, bipolar disor
[21] "Response to taxane treatment (docetaxel)"
[22] "Response to amphetamines"
```



- [23] "Neuroblastoma"
- [24] "Lentiform nucleus volume"
- [25] "Capecitabine sensitivity"
- [26] "Fasting glucose-related traits (interaction with BMI)"
- [27] "Response to angiotensin II receptor blocker therapy"
- [28] "Response to hepatitis C treatment"
- [29] "Response to anti-depressant treatment in major depressive disorder"
- [30] "Phospholipid levels (plasma)"
- [31] "Endometrial cancer"
- [32] "MRI atrophy measures"
- [33] "Self-rated health"
- [34] "Neonatal lupus"
- [35] "Crohn's disease"
- [36] "Response to statin therapy"
- [37] "Tanning"
- [38] "Osteonecrosis of the jaw"
- [39] "Hip geometry"
- [40] "Parkinson's disease"

## 4 Counting alleles associated with traits

We can use `riskyAlleleCount` to count risky alleles enumerated in the GWAS catalog. This particular function assumes that we have genotyped at the catalogued loci. Below we will discuss how to impute from non-catalogued loci to those enumerated in the catalog.

```
> data(gg17N) # translated from GGdata chr 17 calls using ABmat2nuc
> gg17N[1:5,1:5]
```

	rs6565733	rs1106175	rs17054921	rs8064924	rs8070440
NA06985	"G/G"	"A/G"	"C/C"	"G/G"	"G/G"
NA06991	"G/G"	"A/A"	"C/C"	"G/G"	"G/G"
NA06993	"G/G"	"A/A"	"C/C"	"G/G"	"G/G"
NA06994	"A/G"	"A/G"	"C/C"	"A/G"	"G/G"
NA07000	"G/G"	"A/A"	"C/C"	"G/G"	"G/G"

This function can use genotype information in the A/B format, assuming that B denotes the alphabetically later nucleotide. Because we have direct nucleotide coding in our matrix, we set the `matIsAB` parameter to `false` in this call.

```
> h17 = riskyAlleleCount(gg17N, matIsAB=FALSE, chr="ch17",
+ gwwl = ebicat37)
> h17[1:5,1:5]
```

```

          rs7217319 rs684232 rs623323 rs747685 rs747687
NA06985          0         0         2         1         1
NA06991          0         0         2         2         2
NA06993          0         0         2         1         1
NA06994          0         0         2         2         2
NA07000          0         0         2         2         2

```

```
> table(as.numeric(h17))
```

```

      0      1      2
23876 9954 7570

```

It is of interest to bind the counts back to the catalog data.

```

> gwr = ebicat37
> gwr = gwr[colnames(h17),]
> mcols(gwr) = cbind(mcols(gwr), DataFrame(t(h17)))
> sn = rownames(h17)
> gwr[,c("DISEASE/TRAIT", sn[1:4])]

```

gwasloc instance with 460 records and 5 attributes per record.

Extracted: 2016-01-18

Genome: GRCh37

Excerpt:

GRanges object with 5 ranges and 5 metadata columns:

```

      seqnames      ranges strand |  DISEASE/TRAIT  NA06985  NA06991
      <Rle> <IRanges> <Rle> |  <character> <integer> <integer>
[1]  chr17      38924      * |  AIDS progression      0      0
[2]  chr17     618965      * |  Prostate cancer      0      0
[3]  chr17     700020      * |  Type 2 diabetes      2      2
[4]  chr17     775051      * |  Blood pressure       1      2
[5]  chr17     775334      * |  Blood pressure       1      2

```

```

      NA06993  NA06994
      <integer> <integer>
[1]          0          0
[2]          0          0
[3]          2          2
[4]          1          2
[5]          1          2

```

-----

seqinfo: 23 sequences from GRCh37 genome

Now by programming on the metadata columns, we can identify individuals with particular risk profiles.

## 5 Imputation to unobserved loci

If we lack information on a specific locus  $s$ , but have reasonably dense genotyping on a subject, population genetics may allow a reasonable guess at the genotype at  $s$  for this subject. Many algorithms for genotype imputation have been proposed. Here we use a very simple approach due to David Clayton in the *snpStats* package.

We use the “low coverage” 1000 genomes genotypes for the CEU (central European) HapMap cohort as a base for constructing imputation rules. We focus on chromosome 17 for illustration.

The base data are

```
> data(low17)
> low17
```

An object of class "SnpMatrix"

```
chr17:1869 chr17:2220 chr17:6689 rs34663111 rs62054999 chr17:13074
chr17:14008 chr17:19979 chr17:27268 chr17:31906 chr17:32249 chr17:32309
chr17:32311 chr17:32579 chr17:32869 chr17:33766 chr17:33817 chr17:33865
chr17:34206 chr17:34276 chr17:34401 chr17:36164 chr17:36169 chr17:36642
rs62054056 chr17:38761 chr17:44399 rs62057000 chr17:46107 rs34794059
rs35498575 rs11656530 rs12941744 chr17:48400 rs12945606 rs59865068
chr17:48474 rs7501441 chr17:48878 rs4890179 rs4890180 rs4890181
rs62057022 rs62057023 rs4890182 rs55715614 chr17:49783 rs56209223
chr17:49868 rs8070685 rs62057026 chr17:50776 rs11658619 rs11656429
rs9900783 chr17:51088 rs11657419 rs9911285 rs4890184 chr17:51196
rs4890185 rs1882990 rs1109902 rs4424950 rs56200345 rs7503116 rs4890188
rs1136388 chr17:53181 rs1609550 chr17:53324 rs34979521 rs9913041
chr17:54373 rs1109995 chr17:55518 chr17:55533 rs9903623 rs4305131
rs7213008 chr17:57029 chr17:57897 rs55639116 rs62057047 rs11654695
chr17:59056 chr17:59096 chr17:59137 chr17:59340 rs4353523 chr17:59389
rs11649979 chr17:60469 rs12938802 chr17:60733 chr17:61665 chr17:61849
rs1138504 rs11150884 rs9907477 chr17:63097 rs11150885 rs11150886
chr17:63683 chr17:63824 chr17:63927 rs62057048 rs8077096 chr17:64175
rs62057049 rs7226358 chr17:65360 rs62057050 rs7207457 rs11868664
rs4417592 rs4417593 chr17:66507 rs62057051 rs8066107 chr17:68293
chr17:68317 chr17:68329 rs62057055 rs56377713 rs12941133 rs55767019
rs55737141 chr17:69067 rs62057059 rs62059560 rs62059561 rs62059562
rs62059563 rs12450789 chr17:71465 chr17:71471 rs12943724 rs56871222
rs62059580 rs9915268 rs35292180 chr17:72213 chr17:72267 chr17:72335
chr17:72338 rs12450662 rs28698090 rs4442878 rs9890183 rs8078223
rs9896436 rs35147412 rs11867332 rs34778113 rs36016398 rs35147390
rs11867900 rs35698541 chr17:74922 chr17:75264 rs61618085 chr17:75839
chr17:76431 rs12939784 chr17:76628 rs9915328 rs34372025 rs12452457
```

chr17:77285 rs11150887 rs8081881 rs8078929 rs8069524 rs9675043  
rs28521142 rs8075539 chr17:80061 chr17:80433 rs11150888 rs11150889  
rs4890193 rs4550502 rs11150890 rs11150891 rs12945036 rs11150892  
rs55708782 chr17:81113 rs4890194 rs4890195 chr17:81254 chr17:81349  
chr17:81369 rs9674467 chr17:81659 rs9674571 chr17:81768 chr17:81921  
chr17:81922 chr17:81923 rs8075084 rs8075208 chr17:82229 chr17:82312  
rs34314694 rs4890196 rs4890171 chr17:82992 rs4890197 rs4890198  
rs12941826 rs28529202 rs28690679 chr17:84521 rs8073847 rs35286566  
chr17:84936 rs8076034 chr17:85592 chr17:85776 rs4531790 rs3923019  
chr17:85842 rs11655874 rs11651610 rs3923018 rs11651800 rs3923017  
rs11654890 chr17:86853 rs9905036 chr17:86925 rs55708732 rs11652984  
rs35315427 rs11150893 rs11150894 rs11653255 rs12603796 chr17:87964  
rs34347588 rs8074031 rs7213583 rs7213702 rs12449638 rs7217872  
chr17:89055 rs12937656 chr17:90050 rs62056563 rs9912863 rs9908467  
rs9908519 rs9894303 rs9913392 rs9909439 rs9892331 rs35026216 rs55904681  
rs34170095 rs35445227 rs12942097 rs12949408 chr17:92005 chr17:93709  
chr17:94243 rs12150065 chr17:94595 chr17:94869 rs12150077 chr17:94873  
rs9896350 rs58055127 chr17:95303 chr17:95332 rs9892040 rs7207284  
rs62622824 rs58153628 rs57953101 rs7405600 rs4985571 rs4352099  
chr17:97378 rs4353524 rs4426400 chr17:97720 rs12948758 rs12449506  
rs12451407 rs4357997 chr17:98250 rs11651297 rs4395128 chr17:98469  
chr17:98717 rs59337913 chr17:98915 rs4129926 rs56252542 chr17:100246  
rs7406880 chr17:100371 rs62056571 rs56384259 chr17:100691 rs7405713  
rs12451219 rs12451236 rs12600698 rs12602957 chr17:101766 rs9901911  
chr17:102171 rs7208985 rs58485634 rs7223759 rs7209151 rs58315634  
rs9892618 rs7209688 rs7221298 rs7217222 rs7214608 rs28747076 rs7214637  
rs12451029 rs4458053 rs28515912 rs28706104 rs28556780 rs62056574  
rs9900685 rs60727688 rs12601375 rs4890202 rs4890203 chr17:108015  
rs12452527 rs11150870 rs9906110 chr17:109220 chr17:109235 rs9907635  
rs7406768 chr17:109423 rs4985595 rs7224163 rs7215219 chr17:110522  
rs7219680 rs7212156 rs9903116 rs8073479 rs8073513 rs10454094  
chr17:111460 chr17:111519 chr17:111665 rs56702013 rs28468376 rs28404325  
chr17:112970 rs7208188 rs55695413 rs6565702 rs4985594 chr17:113584  
chr17:113604 rs34427628 rs4985593 rs4985592 chr17:113738 rs12947571  
rs12449625 chr17:114530 rs4617924 rs8075999 chr17:115031 chr17:115115  
rs60794269 rs4985591 rs4985590 rs4247500 rs4985589 rs4371209 rs4471739  
chr17:115802 rs4471740 rs7224768 rs7224674 rs12940704 chr17:116375  
chr17:116431 chr17:116499 chr17:117204 chr17:117452 rs28593623  
rs56960944 chr17:118657 rs12451051 chr17:118962 rs7504058 rs7501898  
chr17:119999 rs4985588 rs12937990 chr17:122582 rs8079261 rs9789021  
chr17:123540 rs9891976 chr17:123961 rs9915796 rs59849037 chr17:125579  
rs7207517 chr17:126030 rs7211665 rs9902230 rs10871511 rs9915647

rs9915649 chr17:126885 chr17:127753 rs56101945 rs12936802 rs7223270  
rs9789059 rs9789037 rs9789038 rs9788983 chr17:129697 rs35128325  
rs56210084 rs56005157 rs7208824 chr17:130149 chr17:130369 chr17:130451  
chr17:130529 rs4985587 chr17:130892 rs12949507 rs9894715 rs12449754  
rs12942829 rs11150871 rs12451279 rs12452629 rs9906685 chr17:132008  
rs9901478 rs12453152 rs9891894 rs9891903 chr17:132276 rs10871512  
rs11657652 chr17:132364 rs35035943 rs4985586 rs9913843 rs35478781  
rs9909445 rs12936617 chr17:133111 rs12949092 chr17:133392 chr17:133497  
rs12451101 rs9889392 rs9901577 rs11650789 rs11650933 rs10871513  
rs55995547 rs55856972 rs62052705 chr17:135075 rs55868427 rs12951184  
rs12951413 chr17:135237 rs9915773 chr17:135524 chr17:135981 rs11652478  
rs11653478 rs12946667 chr17:136397 chr17:136464 rs34700119 rs36047229  
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chr17:78571206 rs11077955 rs9909060 rs9907872 rs9916517 rs60513657  
chr17:78572385 rs7406446 chr17:78572503 rs7406907 chr17:78572920  
rs6502034 rs898099 rs35759359 chr17:78574546 rs34441946 chr17:78574608  
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rs12948347 chr17:78577745 chr17:78577746 rs7208987 rs7222550 rs61544186

rs35749531 rs34185141 rs7210722 rs34614760 chr17:78580153 rs9899855  
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rs9897769 rs9909725 chr17:78654024 rs12937511 chr17:78654554
[ reached getOption("max.print") -- omitted 60 rows ]

```

A somewhat sparser set of genotypes (HapMap phase II, genomewide 4 million loci) on chromosome 17 is archived as `g17SM`. This has a compact `SnpMatrix` encoding of genotypes.

```

> data(g17SM)
> g17SM

```

An object of class "SnpMatrix"

```

      rs6565733 rs1106175 rs17054921 rs8064924 rs8070440 rs3794811 rs8066551
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      rs7215271 rs7224313 rs7217319 rs17055015 rs4890199 rs10459967 rs4890183
NA06985      02      01      02      01      03      01      02
      rs11654491 rs1882990 rs4424950 rs7503116 rs1136388 rs1609550 rs12937885
NA06985      00      03      03      01      03      02      03
      rs7213008 rs7212865 rs10153238 rs11654695 rs8072649 rs8072804
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      rs11649979 rs12938802 rs11650641 rs1138504 rs11150884 rs9907477
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      rs7226358 rs8066107 rs9915268 rs8078223 rs9896436 rs4890192 rs8078929
NA06985      03      02      03      02      02      01      01
      rs4890194 rs9674467 rs8075084 rs4890171 rs4890197 rs4890198 rs12941826
NA06985      03      02      03      01      01      01      01
      rs8073847 rs3923018 rs11651800 rs3923017 rs11654890 rs11652984

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	rs182637	rs465484	rs460716	rs1977021	rs224495	rs16953301	rs3744683
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	rs465563	rs3744681	rs224496	rs2737141	rs8082676	rs9899882	rs12602970
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	rs11652474	rs161371	rs222790	rs150858	rs161362	rs9913319	rs161361
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	rs161360	rs150844	rs6502737	rs16953341	rs11650527	rs7209169	rs400113
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	rs456253	rs322954	rs594167	rs7224485	rs558639	rs224500	rs224503
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	rs2737145	rs11655571	rs12936393	rs161354	rs161353	rs161352	rs222778
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	rs161350	rs222779	rs4790530	rs12601790	rs427553	rs431416	rs451594
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	rs2318104	rs879497	rs11655312	rs160590	rs2567872	rs2567871	rs2567869
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	rs748486	rs9890547	rs3026124	rs1806227	rs1806229	rs1806230	rs886361
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	rs1806231	rs3026127	rs16954604	rs1806232	rs2285748	rs1806236	rs1806239

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	rs12600578	rs9892337	rs12602061	rs12602074	rs9915795	rs1806241	
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	rs9897260	rs2871210	rs1806243	rs1806244	rs3026132	rs8067757	rs2301739
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	rs1806245	rs3026133	rs8066702	rs8068919	rs1806247	rs3026137	rs1806249
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	rs3026138	rs1806251	rs1806252	rs9910917	rs929262	rs1989945	rs1989946
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	rs3026140	rs1806253	rs1806254	rs1806255	rs1806256	rs1806257	rs3026142
NA06985	02	02	03	02	02	03	02
	rs3026143	rs3026145	rs1806261	rs1806262	rs1806263	rs9899966	rs2301740
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	rs1806264	rs11548390	rs1806266	rs12386068	rs1806267	rs1806268	rs1806269
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	rs1058115	rs3026147	rs8074617	rs4605225	rs4442872	rs4239056	rs7222862
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	rs9303192	rs4790770	rs9893995	rs9896735	rs2189335	rs2189336	rs2189337
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	rs2189338	rs8076900	rs8066928	rs8080400	rs3809842	rs4790772	rs8070740
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	rs8072363	rs1050390	rs11551699	rs11551698	rs4790264	rs2285747	rs3786054
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	rs2472614	rs1805429	rs1805438	rs3744711	rs2074437	rs2074438	rs12603094
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	rs9902327	rs11869909	rs7207405	rs1476561	rs8074194	rs3744714	rs11653658
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	rs12602366	rs12602483	rs4570914	rs16954692	rs16954697	rs11867311	
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	rs17637364	rs3865353	rs16954705	rs8066805	rs11868567	rs8070008	
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	rs8069315	rs11655413	rs16954715	rs11658701	rs1805440	rs3026149	
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	rs16954727	rs3026150	rs8078919	rs1805442	rs11654266	rs1805443	rs3744712
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	rs1805444	rs1805446	rs3026151	rs9023	rs3026153	rs17710957	rs8069978
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	rs1805467	rs1805468	rs14043	rs3026157	rs9891023	rs9910302	rs9912170
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	rs9892757	rs8081261	rs8081387	rs9893484	rs8082665	rs8068792	rs9906174
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	rs10852870	rs11078575	rs871928	rs1877658	rs884367	rs925595
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	rs2733375	rs2716920	rs2716919	rs2716918	rs2670657	rs2670659
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	rs9898468	rs2670661	rs1877659	rs1877660	rs2716917	rs2733359
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	rs2716915	rs2733358	rs4790785	rs2733357	rs2733356	rs2716914
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	rs12941923	rs2716882	rs7350936	rs2733354	rs11653265	rs2716880	
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	rs237346	rs237345	rs12950008	rs427488	rs173160	rs7213121	rs237342
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	rs9901677	rs9903797	rs9910725	rs9909281	rs4514709	rs2726534	rs2726533
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	rs7225459	rs7209255	rs7209485	rs17560643	rs7211371	rs11652547	rs2215057
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	rs12950061	rs12950099	rs9914389	rs1124575	rs11658664	rs12950848	
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	rs12945190	rs7213901	rs11078125	rs9905366	rs9890991	rs7220028	rs6502233
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	rs7212279	rs17641431	rs9894068	rs9895122	rs9895760	rs7208313	rs2215082
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	rs2215081	rs16947175	rs16947179	rs16947180	rs12453710	rs7221702	
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	rs11657046	rs9906408	rs8072593	rs11653670	rs2190745	rs2215079	rs8077344
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	rs16947194	rs2322787	rs11078128	rs7207964	rs2322788	rs974683	rs2322789
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	rs4072739	rs4925133	rs4459604	rs7207821	rs4368210	rs8072048	rs4584886
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	rs1443460	rs2289669	rs16960206	rs2289670	rs8081204	rs9900821	rs8076891
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	rs1585743	rs4889771	rs6565466	rs1585740	rs4522456	rs1600263	rs4889773
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	rs8076832	rs7359574	rs1121327	rs2169915	rs7502023	rs8079247	rs1842110
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	rs899414	rs11871520	rs755583	rs755584	rs2199698	rs4993505	rs12949684
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	rs4993506	rs4993507	rs4993511	rs981637	rs12051613	rs12601480	rs8069077

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	rs1842109	rs12450492	rs4393617	rs4889721	rs9989453	rs2169914	rs2169913
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	rs6565378	rs1985878	rs1985877	rs7218015	rs11651208	rs17052396	rs2061853
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	rs7225244	rs6565381	rs8068034	rs11150718	rs7350915	rs12940235	
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	rs2169916	rs1877500	rs1817415	rs1382623	rs12950467	rs2219805	rs9897562
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	rs12937394	rs6565386	rs8072844	rs402052	rs3751916	rs2019216	rs8073228
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	rs907708	rs907707	rs9896042	rs2342216	rs12450390	rs1850565	rs8065425
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	rs8066357	rs1512846	rs12452224	rs12450074	rs907704	rs17052434	rs1518049
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	rs1518050	rs4547384	rs4547385	rs4589611	rs4325621	rs11150721	rs2221893
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	rs7220748	rs17808656	rs7223844	rs12150287	rs1512845	rs907705	rs907706
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	rs12946383	rs1512844	rs1914613	rs17808708	rs1878659	rs2089962	rs7207851
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	rs8079620	rs12937428	rs7220319	rs12449520	rs4889742	rs1040269	rs932219
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	rs8080725	rs7225129	rs12942556	rs11868559	rs12150105	rs12944067	
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	rs1850005	rs1515750	rs1973661	rs2292697	rs2292698	rs9807046	rs12453646
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	rs11080119	rs8079454	rs7503713	rs3930206	rs9748137	rs9748024	rs9893017
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	rs2313050	rs4795077	rs7215009	rs4796099	rs1851271	rs7226210	rs7221571
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	rs420546	rs412820	rs9896104	rs1631252	rs391287	rs413155	rs419358
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	rs400459	rs401781	rs9635765	rs376517	rs425967	rs385559	rs6505256
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	rs5003287	rs2627070	rs11870077	rs2627066	rs9901121	rs7405579	rs9899054
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	rs4135032	rs4135033	rs4135034	rs9895942	rs2120200	rs2957325	rs9892367
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	rs1136613	rs8078457	rs12952619	rs16956009	rs12943120	rs11540826	
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	rs11657388	rs11079788	rs16946878	rs17250953	rs11650354	rs12721470	
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	rs9897406	rs107067	rs8070387	rs198551	rs198552	rs198555	rs757415
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	rs8078184	rs1548534	rs757419	rs12603112	rs4794166	rs2240221	rs2240222
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	rs4793663	rs4794168	rs198530	rs12603960	rs7220644	rs4793664	rs2158408
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	rs12951863	rs7216593	rs7222656	rs9898630	rs9303587	rs4794257	rs4581745
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	rs9904809	rs4794614	rs4794616	rs4794617	rs13341531	rs8070838	rs17819679
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	rs11650729	rs11655685	rs9895591	rs9897289	rs9896106	rs9901832	
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	rs9893857	rs7219930	rs4968644	rs16946905	rs17760841	rs2270133	rs8073525

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	rs16946908	rs16946910	rs17687691	rs4968772	rs2240755	rs7211831	
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	rs17687734	rs7217831	rs8074280	rs7224147	rs13342595	rs9896572	rs7215703
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	rs16946917	rs8075232	rs7359672	rs7359673	rs7359674	rs7359676	rs3760257
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	rs4301	rs3730025					
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	rs4303	rs4305	rs13306085	rs4309	rs4311	rs12720746	rs4314
	rs12709426						
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	rs4316	rs4317	rs4318	rs4324	rs4325	rs4329	rs4333
	rs12709430	rs1987693					
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	rs4343	rs13306091	rs3730036	rs4344	rs4345	rs12709434	rs4349
	rs12720727						
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	rs12720728	rs12720724	rs4351	rs12936400	rs4353	rs4976	rs13306084
	rs4357						
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	rs4362	rs12709442	rs12720742	rs4363	rs4980	rs4364	rs9894286
	rs4455027						
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	rs9914151	rs11655589	rs9898552	rs11655956	rs11658641	rs7224716	
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	rs9902642	rs16946999	rs12945650	rs12150245	rs7218981	rs7219516	rs2413
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	rs9895112	rs4275920	rs4534916	rs2247435	rs7223966	rs2727292	rs17638873
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	rs13030	rs6919	rs2584622	rs2665831	rs2028567	rs894414	rs6504187
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	rs2584612	rs16947154	rs9891741	rs2584610	rs2584608	rs16947161	rs2156903
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	rs2854202	rs2854198	rs2257281	rs2665847	rs2665850	rs2008018	rs2854191
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	rs2005132	rs2320125	rs2003549	rs2286565	rs16947270	rs9911257	rs1860334
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	rs17564458	rs4968720	rs1867624	rs1867625	rs7217938	rs1122800	rs7211091
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	rs4968619	rs9892152	rs1550792	rs9748003	rs12947510	rs1470453	rs9303469
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	rs9303470	rs9892243	rs1108591	rs12941029	rs1108592	rs2070784	rs2070783
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	rs7220554	rs4134482	rs5005692	rs13306806	rs7223936	rs6504218	rs12936766
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	rs7212459	rs11653087	rs8066263	rs8067268	rs9906431	rs9908333	rs9912957	
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	rs1860332	rs7222642	rs11655740	rs12948496	rs7208686	rs11870054	rs728379
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	rs8076670	rs8070512	rs8074614	rs8079458	rs8079609	rs8075890	rs4968940
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	rs11654274	rs9891749	rs7216899	rs16973774	rs8073982	rs7221183	rs1158495
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	rs1558168	rs1558169	rs12944668	rs997639	rs7216406	rs13313572	rs7501626
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	rs7223895	rs12941297	rs16973878	rs12943504	rs16973880	rs9895649	
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	rs12945481	rs6501314	rs477847	rs12449649	rs12450167	rs4531803	
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	rs12941842	rs9907847	rs11654323	rs2542215	rs817126	rs9889277	rs16973883
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	rs12450522	rs1992741	rs557491	rs477178	rs17686383	rs520754	rs817121
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	rs11077445	rs471193	rs1345462	rs12938064	rs536009	rs12452340	rs9898282
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	rs9894141	rs531586	rs564426	rs9898003	rs1550828	rs4553686	rs7223000
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	rs12450743	rs481876	rs12450952	rs568536	rs476677	rs9912134	rs534645
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	rs1011548	rs4310935	rs4310936	rs494946	rs509830	rs568354	rs16973895
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	rs4789054	rs755169	rs8082248	rs4239010	rs938287	rs9907667	rs9915236
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	rs6501707	rs11654138	rs11655113	rs7210034	rs11659060	rs11870361	
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	rs11870955	rs16978010	rs11650943	rs16978011	rs6501711	rs6501712	
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	rs8074152	rs9896081	rs2382646	rs11658490	rs11658891	rs12451435	
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	rs9895512	rs12150531	rs1317267	rs4789656	rs16978020	rs11077747	

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	rs9893054	rs4348170	rs8068706	rs7406641	rs4789659	rs9915207	rs11655431
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	rs11077748	rs2706540	rs2252124	rs7212219	rs4789660	rs2670820	rs2670818
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	rs4789061	rs7342836	rs2706546	rs2706545	rs9897184	rs12946656	rs2670817
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	rs7215253	rs11653156	rs2706547	rs16978038	rs16978039	rs17192740	
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	rs783241	rs783240	rs783239	rs11654897	rs1719507	rs783238	rs495683
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	rs1985808	rs9890286	rs2306215	rs2306216	rs963547	rs963548	rs2242229
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	rs2242230	rs2242231	rs4789157	rs16967722	rs1471454	rs1967385	rs16967731
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	rs3826326	rs3760203	rs10512603	rs8073890	rs9302988	rs7213757	rs2279161
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	rs9908904	rs6501772	rs2279162	rs16967754	rs4788878	rs9897210	rs8080814
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	rs4789161	rs16967764	rs9906887	rs3744232	rs8079833	rs3744231	rs3744230
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	rs3744229	rs7198	rs1809352	rs9901041	rs4788881	rs9915266	rs4286141
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	rs2385211	rs9944529	rs2306218	rs2306219	rs10852762	rs9889601	rs2291033
NA06985	01	03	03	03	01	01	03
	rs4788883	rs8075669	rs12943341	rs8066811	rs8072279	rs11658345	rs8078411
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	rs9894656	rs11656468	rs11868051	rs4789166	rs7218542	rs7217413	rs9916461
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	rs1871271	rs8080415	rs12603538	rs9889804	rs17569078	rs16967770	
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	rs9892996	rs8065689	rs12936583	rs8067903	rs9907603	rs9909443	rs4559942

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NA06985	01	01	01	03	03	01	01
	rs8079197	rs12946365	rs7216045	rs7226334	rs7222560	rs7207618	rs3744233
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	rs11868319	rs11077786	rs4542691	rs12600908	rs1529844	rs16967789	
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	rs11868242	rs2117561	rs4789170	rs16967795	rs1109033	rs2164243	
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	rs17569384	rs2053159	rs9912608	rs8074421	rs12945854	rs2891714	rs4624215
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	rs4789172	rs11077787	rs9900586	rs12950752	rs1076094	rs11872088	
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	rs1369299	rs12450617	rs4789173	rs4789175	rs8065193	rs4789176	rs7218274
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	rs4350602	rs7210705	rs4789177	rs1435092	rs9899687	rs9302989	rs9302990
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	rs8075059	rs7223998	rs2385264	rs2033608	rs2033607	rs7222002	rs7223393
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	rs7342956	rs9916770	rs2117563	rs2117562	rs2017918	rs9896075	rs959260
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	rs8072304	rs4788888	rs12945469	rs4789179	rs4789181	rs4789182	rs2053156
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	rs2117564	rs6501786	rs4238980	rs4238981	rs1108355	rs12952853	rs7217695
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	rs4789186	rs2891713	rs11870544	rs9901434	rs12940914	rs4788889	rs4788890
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	rs7213193	rs4789193	rs16967866	rs9914731	rs7207506	rs8065441	rs7223674
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	rs9915171	rs9913538	rs9896052	rs4789197	rs4789198	rs4238983	rs7220632
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	rs4238984	rs7212580	rs12945967	rs9905253	rs9905516	rs3935718	rs8075235
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	rs7220850	rs4789201	rs8065160	rs8067986	rs6501797	rs6501798	rs6501800
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	rs6501801	rs7406077	rs6501803	rs9890461	rs9892171	rs6501805	rs7212620
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	rs8078577	rs3934780	rs6416847	rs7503613	rs3935674	rs12936372	rs9899149
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	rs7502073	rs11652993	rs11867659	rs4078259	rs4078474	rs7214333	rs8073809

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	rs4789205	rs4789206	rs8079373	rs7218675	rs6501818	rs9911502	rs6501820
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	rs9914410	rs8064529	rs11870627	rs6501821	rs7223552	rs8067210	rs7502339
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	rs8070866	rs11649969	rs11870956	rs4788898	rs6501822	rs6501824	rs6501825
NA06985	01	03	03	03	01	03	03
	rs4073422	rs7222559	rs4789208	rs7222924	rs9909269	rs9910576	rs7502597
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	rs4076967	rs4789211	rs7219929	rs6501826	rs12449601	rs11077793	rs7208892
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	rs2305528	rs1671036	rs4789213	rs1671035	rs936061	rs1671033	rs2305527
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	rs1671022	rs1661721	rs1671021	rs2305526	rs16968009	rs1661716	rs1661715
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	rs3743990	rs820257	rs7359522	rs820258	rs820259	rs9913002	rs820263
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	rs820264	rs7213005	rs11871553	rs3760124	rs1661698	rs1661700	rs11655992
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	rs1624922	rs2467568	rs12950924	rs820137	rs3743991	rs820139	rs820140
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	rs3803726	rs820142	rs3803728	rs820144	rs3743994	rs820145	rs1093992
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	rs1093994	rs7226367	rs820146	rs3809686	rs820148	rs820149	rs820150
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                  rs820192 rs820193 rs11651272 rs9896073 rs820196 rs820197 rs820198  
 NA06985        01            01            03            02            02            03            03  
                  rs4290527 rs820199 rs820200 rs11652028 rs16968129 rs820201 rs820202  
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                  rs2290461 rs820203 rs820204 rs820205 rs820206 rs4789223 rs729778  
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                  rs820134 rs9907115 rs8066082 rs8067657 rs8067790 rs820226 rs820225  
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                  rs820218 rs4528638 rs11868021 rs820216 rs4545880 rs820215 rs7214346  
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                  rs7219840 rs820214 rs707706 rs820233 rs7215584 rs11652623 rs7217397  
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                  rs820231 rs7208992 rs2305529 rs820230 rs820229 rs7222015 rs3744000  
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                  rs9897994 rs820227 rs4789225 rs12453828 rs7208296 rs820164 rs7216509  
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                  rs3862481 rs3851021 rs820168 rs2584100 rs2857574 rs1131617 rs2857580  
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                  rs2584104 rs2857582 rs8079267 rs8079424 rs8079901 rs820172 rs8064336  
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                  rs2603513 rs12326030 rs12943670 rs12951265 rs2857576 rs820388 rs7223563  
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                  rs11657833 rs11759 rs8669 rs743685 rs1008177 rs1051486 rs871443 rs9367

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	rs743554	rs12602523	rs820386	rs7209235	rs11649838	rs4485425	rs12450349	
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	rs3687	rs7342	rs1060120	rs10338	rs1060113	rs2410866	rs2071654	rs3214028
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	rs3214029	rs7215752	rs8072978	rs8072981	rs2125345	rs7220730	rs4496219	
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	rs8078208	rs9675230	rs7207208	rs2305912	rs2898587	rs9916685	rs7210574	
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	rs1055129	rs1551619	rs3760128	rs3744028	rs7370	rs1046446	rs8079113	
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	rs6501862	rs10512607	rs10512606	rs9302997	rs9302998	rs9916150	
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	rs9903178	rs7225367	rs8068689	rs4789258	rs398116	rs9904552	rs7206979
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	rs8901	rs71815	rs11871165	rs347675	rs347674	rs7342820	rs7342824



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	rs12451047	rs7219452	rs11869850	rs897597	rs7225395	rs9907544	rs9894131
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	rs11077427	rs11077428	rs9895586	rs12600765	rs9901936	rs9902298	
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	rs11868342	rs9902818	rs4789887	rs9910337	rs8080101	rs9911245	rs9911346
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	rs4789888	rs12946859	rs7214890	rs2015057	rs4541108	rs2014996	rs2014989
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	rs7207257	rs7209293	rs7212688	rs7212305	rs12945963	rs907913	rs4790013
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	rs8068363	rs2377404	rs1877677	rs11870711	rs9895094	rs4790015	rs1542394
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	rs12946043	rs1542395	rs1542396	rs8071386	rs8075992	rs8075498	rs11653573
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	rs8075376	rs12451668	rs9899080	rs4790027	rs1350175	rs9914898	rs8069502
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	rs12944016	rs7220236	rs11658442	rs2168478	rs12949587	rs11656604	
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	rs6565674	rs4889843	rs9899091	rs6565676	rs7501563	rs9913473	rs4075499
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	rs8065518	rs4969372	rs8070741	rs9903763	rs4076037	rs8072172	rs7503597
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	rs12949063	rs6565535	rs8071392	rs1801833	rs9904824	rs8073904	rs4969394
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	rs1387545	rs6502124	rs8068759	rs9903481	rs9897171	rs7215059	rs7208215
NA06985	01	03	01	03	01	01	01
	rs7219842	rs8074087	rs9910184	rs9910326	rs11078001	rs4789805	rs3752822
NA06985	01	03	03	01	01	01	03
	rs3752821	rs11649764	rs4789807	rs4789808	rs9896294	rs3794716	rs4822
NA06985	03	01	01	01	01	01	03
	rs1051855	rs3794713	rs13382	rs12944611	rs9903168	rs11078004	rs11078005
NA06985	03	01	03	03	01	03	01
	rs12450772	rs9900669	rs9908485	rs12150313	rs4789704	rs4789705	rs4789812
NA06985	01	01	03	03	03	03	03
	rs7213955	rs11868117	rs12452077	rs9894874	rs8076310	rs8071743	rs1059672
NA06985	03	03	01	01	01	03	01
	rs9271	rs4789813	rs2306757	rs12950772	rs11656847	rs10445246	rs4352079
NA06985	01	01	01	01	01	03	01
	rs8082615	rs9912923	rs12944730	rs3826309	rs3826310	rs2291391	rs2291392

NA06985	01	03	01	01	03	03	01
	rs9906994	rs4354975	rs11650781	rs11871040	rs2306754	rs2306755	
NA06985	01	03	01	01	03	01	
	rs12600791	rs9891785	rs11656047	rs11650392	rs9912746	rs4789814	
NA06985	03	01	03	01	03	01	
	rs7222350	rs7211646	rs11653386	rs7503591	rs2171212	rs11655850	rs2101365
NA06985	01	03	03	03	01	03	03
	rs12952624	rs12952644	rs4789815	rs11649788	rs9788995	rs9303031	
NA06985	03	03	03	01	01	03	
	rs9916761	rs12943753	rs12603129	rs4789816	rs4789817	rs8068482	rs9914538
NA06985	03	03	03	01	01	03	01
	rs7226089	rs12937807	rs6502127	rs902102	rs2011631	rs1985249	rs744991
NA06985	03	01	03	03	01	01	01
	rs2306912	rs3794725	rs7224226	rs11105	rs3751910	rs2306756	rs8079119
NA06985	01	03	03	03	03	03	01
	rs12952494	rs2279395	rs11870950	rs2279394	rs4789706	rs4789818	rs7210081
NA06985	03	01	01	03	00	01	03
	rs7225680	rs3794727	rs3794728	rs7211237	rs11868984	rs11658763	rs9914549
NA06985	01	01	01	01	03	00	01
	rs7211499	rs9912932	rs4789708	rs9893830	rs2248467	rs2248257	rs2247989
NA06985	01	03	01	03	03	00	01
	rs10438709	rs3848402	rs7224369	rs7225599	rs2244312	rs2244304	rs2244094
NA06985	03	03	01	03	03	01	01
	rs2451200	rs8071828	rs9890381	rs2254862	rs7218760	rs11654159	rs11871968
NA06985	03	01	01	01	01	01	03
	rs3898431	rs4789828	rs3859201	rs11867491	rs2250606	rs2252314	rs11869249
NA06985	01	03	03	01	03	01	03
	rs12940021	rs11652013	rs11653899	rs2251935	rs12951470	rs8079313	
NA06985	03	01	01	02	03	03	
	rs8073407	rs12943478	rs11656806	rs2459711	rs2451204	rs2451206	rs2250148
NA06985	03	03	01	01	01	03	03
	rs2250133	rs2250000	rs2249888	rs3748811	rs2243523	rs2246563	rs12449739
NA06985	01	03	02	01	02	02	03
	rs4510058	rs9902326	rs13955	rs11551833	rs2243446	rs1046875	rs1046889
NA06985	01	03	03	01	03	02	01
	rs1046896	rs7208281	rs1046917	rs2245981	rs2257084	rs12951891	rs7502222
NA06985	02	01	02	03	02	01	01
	rs7503719	rs2451208	rs11869646	rs3848403	rs8082558	rs3803770	rs2252848
NA06985	03	03	03	02	01	03	03
	rs2264574	rs2459704	rs2243416	rs1056534	rs12943159	rs2248533	rs2264578
NA06985	03	03	03	03	03	01	03
	rs12453281	rs2451216	rs2451215	rs2451214	rs12936505	rs11867468	rs652265

NA06985	01	03	01	03	01	00	03
	rs2677913	rs583245	rs589978	rs590315	rs12453529	rs11868704	rs11657878
NA06985	03	03	01	03	03	01	03
	rs599314	rs615630	rs2292809	rs11078011	rs1317360	rs635999	rs3791174
NA06985	03	02	03	03	03	01	01
	rs1320299	rs2379358	rs8078282	rs8066848	rs663033	rs12601113	rs619712
NA06985	01	03	03	01	03	03	03
	rs7224961	rs633017	rs11650019	rs12952016	rs630945	rs632276	rs665574
NA06985	03	01	01	03	01	01	01
	rs11655811	rs659602	rs7215667	rs11651441	rs7209308	rs635996	rs623209
NA06985	03	03	01	01	03	01	01
	rs629246	rs868203	rs656969	rs8074430	rs626637	rs594829	rs610516
NA06985	03	01	03	01	03	01	03
	rs3791168	rs582192	rs3791166	rs3791160	rs3791159	rs668990	rs2292972
NA06985	03	03	03	03	03	03	03
	rs4986110	rs607544	rs622789	rs2460467	rs666404	rs7504023	rs3744162
NA06985	01	00	01	03	03	01	01
	rs11652093	rs11871918	rs2677919	rs2460468	rs12603804	rs2263123	
NA06985	03	01	03	03	01	03	
	rs2681122	rs2677930	rs662669	rs668133	rs603016	rs11658083	rs605054
NA06985	03	03	03	03	01	01	00
	rs8079088	rs601997	rs601555	rs601533	rs681595	rs997921	rs11078015
NA06985	01	01	03	01	03	01	01
	rs12452833	rs9891304	rs6502134	rs12948179	rs8074277	rs12450046	
NA06985	01	01	01	01	02	02	
	rs3744165	rs11077947	rs12948188	rs10163502	rs9906115	rs11654320	
NA06985	03	03	03	01	02	03	
	rs10163478	rs11655395	rs9897676	rs9903208	rs3803769	rs7225515	rs4986113
NA06985	03	03	03	03	03	02	01
	rs8069699	rs4075209	rs7219521	rs11655723	rs4986114	rs4986117	rs7216324
NA06985	03	02	01	01	01	03	03
	rs4986118	rs7215939	rs7214952	rs11077948	rs9897951	rs7223204	rs9913679
NA06985	03	03	03	03	02	01	03
	rs9911685	rs9303013	rs8076360	rs6502007	rs12452622	rs733342	rs11869432
NA06985	03	01	03	03	01	01	03
	rs8067902	rs2199111	rs11870134	rs9894705	rs9789034	rs9303014	rs7210902
NA06985	03	02	01	02	01	03	01
	rs7224427	rs12946560	rs4986121	rs4986122	rs4986083	rs9892064	rs7222931
NA06985	01	01	01	02	03	03	03
	rs9894419	rs8065975	rs9900369	rs7406011	rs7221138	rs7214035	rs898093
NA06985	03	01	02	02	03	03	03
	rs6502010	rs8078446	rs12945629	rs11650335	rs7218196	rs7222963	rs8067926

NA06985	01	03	03	02	01	03	02
	rs8072584	rs4986125	rs7220642	rs9747334	rs9747279	rs4986127	rs11870340
NA06985	03	03	01	01	03	01	03
	rs3744159	rs11658422	rs7218786	rs1317809	rs8075894	rs6502011	rs4986129
NA06985	01	03	01	00	02	03	03
	rs4986131	rs11870094	rs8077706	rs898101	rs4986085	rs4986086	rs4986133
NA06985	01	03	01	03	01	03	01
	rs9891862	rs11869888	rs9894906	rs4986134	rs4986135	rs7210153	rs7208393
NA06985	01	03	03	01	01	03	03
	rs7209726	rs7209736	rs11869396	rs12453162	rs11869416	rs7212980	
NA06985	01	03	03	02	03	01	
	rs2271918	rs11651826	rs9905146	rs2292971	rs8068572	rs4986136	rs2085616
NA06985	02	03	01	01	01	02	03
	rs8073910	rs8074371	rs2271916	rs4359479	rs3803768	rs6502013	rs6502014
NA06985	01	03	01	03	01	03	01
	rs8078148	rs9912684	rs8064687	rs8070801	rs8069773	rs9899957	rs9902635
NA06985	03	02	03	01	01	03	03
	rs12601021	rs1551627	rs12942419	rs8080847	rs8067859	rs8067463	rs1551625
NA06985	03	03	01	01	03	01	03
	rs3744155	rs2279064	rs2279063	rs11868138	rs10163476	rs3826308	
NA06985	03	01	01	01	03	03	
	rs10163477	rs1011007	rs754639	rs898096	rs1078334	rs11657837	rs3785512
NA06985	03	01	02	03	02	03	01
	rs3785513	rs8072406	rs8072518	rs729123	rs729124	rs1127986	rs2034962
NA06985	02	01	03	03	02	03	02
	rs2380172	rs6502015	rs3785514	rs7208020	rs3785515	rs3785516	rs7208520
NA06985	02	01	02	03	01	01	01
	rs2125479	rs898095	rs12103580	rs7406464	rs11652232	rs11869930	rs7218129
NA06985	02	02	03	02	03	01	02
	rs3785518	rs3785519	rs3785520	rs3785521	rs3785522	rs17856082	rs11077949
NA06985	03	01	02	02	02	03	01
	rs3744156	rs8073471	rs9896933	rs9916526	rs2292969	rs2292968	rs6416854
NA06985	01	01	02	03	01	03	02
	rs7213006	rs2292966	rs3603	rs1044661	rs8180	rs11077950	rs12940475
NA06985	02	01	03	02	02	01	01
	rs9896263	rs1065144	rs898097	rs898098	rs7225887	rs3744157	rs3744158
NA06985	02	00	02	02	01	03	01
	rs7222745	rs7222773	rs8079082	rs6502021	rs9906163	rs12949939	rs2380173
NA06985	02	02	01	02	02	01	02
	rs8074284	rs12937252	rs9916545	rs2380176	rs4271625	rs1531281	rs1001865
NA06985	02	01	01	01	01	03	01
	rs8078866	rs11077951	rs12942128	rs7215871	rs12449872	rs12947014	

NA06985	03	01	03	02	01	01	
	rs11868453	rs6502026	rs9747676	rs12952892	rs8065638	rs4986144	rs9303015
NA06985	01	02	02	03	01	01	03
	rs9303016	rs7209936	rs4986137	rs12936476	rs4986089	rs11650407	
NA06985	03	02	03	03	02	03	
	rs10775371	rs1551628	rs4986090	rs6416855	rs9898649	rs9890216	rs7503536
NA06985	02	02	03	02	03	03	02
	rs7503605	rs7503408	rs9891371	rs7405583	rs7405607	rs12603409	rs9905027
NA06985	02	02	03	02	02	01	02
	rs12603456	rs9906258	rs9907989	rs7214627	rs12943585	rs7406895	rs7406865
NA06985	01	02	02	02	03	03	02
	rs9893833	rs4986146	rs11870793	rs11870684	rs11656634	rs9911294	
NA06985	03	03	02	03	02	02	
	rs9912207	rs9910113	rs9911830	rs731447	rs9916813	rs9897919	rs6502033
NA06985	02	02	02	03	03	03	03
	rs7406848	rs12936735	rs7226076	rs7221410	rs7221423	rs12601298	rs9901757
NA06985	02	03	02	01	02	02	02
	rs9915799	rs751409	rs8068883	rs11658065	rs12939139	rs7405903	rs2168935
NA06985	02	02	02	01	02	03	01
	rs9893868	rs12603171	rs12946056	rs9892565	rs11650383	rs9899748	
NA06985	02	01	03	01	01	03	
	rs9899884	rs7213238	rs11868851	rs9915904	rs898099	rs7212102	rs12948347
NA06985	03	03	01	01	01	02	02
	rs9907767	rs7208987	rs7222550	rs9915460	rs7210722	rs9899855	rs9897674
NA06985	01	03	01	03	01	01	01
	rs7406067	rs8072951	rs8078193	rs4986140	rs898105	rs7405957	rs8081673
NA06985	02	01	01	02	01	02	01
	rs16940609	rs9889817	rs9890099	rs11656152	rs1471196	rs8065396	rs9908845
NA06985	01	03	02	01	01	03	02
	rs9894730	rs9903292	rs9903731	rs967825	rs9890149	rs12453381	rs9908243
NA06985	01	02	02	01	02	03	03
	rs7224733	rs10852789	rs1143006	rs7406119	rs9890743	rs7405834	rs6502040
NA06985	01	01	03	01	03	03	02
	rs3935099	rs12103530	rs4986100	rs4986075	rs4986103	rs7503665	rs7503547
NA06985	01	03	03	01	03	01	01
	rs9893153	rs4073038	rs9911217	rs12602181	rs8072482	rs11652770	rs9896583
NA06985	03	00	02	02	02	02	03
	rs8072895	rs6416856	rs7501672	rs9675039	rs6502043	rs10432005	rs12449903
NA06985	02	03	03	02	02	01	03
	rs7406561	rs8077967	rs7502145	rs4986109			
NA06985	01	02	01	02			

[ reached getopt("max.print") -- omitted 89 rows ]

For a realistic demonstration, we use the subset of these loci that are present on the Affy 6.0 SNP array.

```
> data(gw6.rs_17)
> g17SM = g17SM[, intersect(colnames(g17SM), gw6.rs_17)]
> dim(g17SM)
```

```
[1] 90 20359
```

The base data were used to create a set of rules allowing imputation from genotypes in the sparse set to the richer set. Some rules involve only a single locus, some as many as 4. The construction of rules involves tuning of modeling parameters. See `snp.imputation` in `snpStats` for details.

```
> if (!exists("rules_6.0_1kg_17")) data(rules_6.0_1kg_17)
> rules_6.0_1kg_17[1:5,]
```

```
chr17:1869 ~ rs9915268+rs11247571+rs9895105+rs6598837 (MAF = 0.06666667, R-squared =
chr17:2220 ~ rs4790867+rs10454094+rs2586238+rs7207284 (MAF = 0.125, R-squared = 0.706
chr17:6689 ~ rs4424950+rs4790867+rs7225087+rs11658347 (MAF = 0.125, R-squared = 0.592
rs34663111 ~ rs11658079+rs1609550+rs4985594+rs9788983 (MAF = 0.1166667, R-squared = 0
rs62054999 ~ rs17609440+rs2740351+rs2589492+rs16956017 (MAF = 0.125, R-squared = 0.26
```

The summary of rules shows the degree of association between the predictors and predictands in terms of  $R^2$ . Many potential targets are not imputed.

```
> summary(rules_6.0_1kg_17)
```

R-squared	SNPs used				<NA>
	1 tags	2 tags	3 tags	4 tags	
[0,0.1)	655	785	276	56	0
[0.1,0.2)	7	664	926	868	0
[0.2,0.3)	0	158	916	3054	0
[0.3,0.4)	0	28	411	5104	0
[0.4,0.5)	0	20	203	6365	0
[0.5,0.6)	0	21	121	6052	0
[0.6,0.7)	0	29	104	5623	0
[0.7,0.8)	0	54	108	6330	0
[0.8,0.9)	0	141	225	9506	0
[0.9,0.95)	652	700	572	8056	0
[0.95,0.99)	7274	1689	1388	6158	0
[0.99,1]	33660	1353	2326	10152	0
<NA>	0	0	0	0	53601

The overlap between the 6.0-resident g17SM loci and the catalog is

```
> length(intersect(colnames(g17SM), mcols(ebicat37)$SNPS))
```

```
[1] 184
```

The new expected B allele counts are

```
> exg17 = impute.snps(rules_6.0_1kg_17, g17SM)
```

The number of new loci that coincide with risk loci in the catalog is:

```
> length(intersect(colnames(exg17), mcols(ebicat37)$SNPS))
```

```
[1] 295
```

## 6 Formal management of trait vocabularies

### 6.1 Diseases: Disease Ontology

The Disease Ontology project Osborne et al. (2009) formalizes a vocabulary for human diseases. Bioconductor's DO.db package is a curated representation.

```
> library(DO.db)
> DO()
```

Quality control information for DO:

This package has the following mappings:

```
DOANCESTOR has 6569 mapped keys (of 6570 keys)
DOCHILDREN has 1811 mapped keys (of 6570 keys)
DOOBSOLETE has 2374 mapped keys (of 2374 keys)
DOOFFSPRING has 1811 mapped keys (of 6570 keys)
DOPARENTS has 6569 mapped keys (of 6570 keys)
DOTERM has 6570 mapped keys (of 6570 keys)
```

Additional Information about this package:

```
DB schema: DO_DB
DB schema version: 1.0
```

All tokens of the ontology are acquired via:



```
> alltob = unlist(mget(mappedkeys(DOTERM), DOTERM))
> allt = sapply(alltob, Term)
> allt[1:5]
```

```

                DOID:0001816                DOID:0002116
            "angiosarcoma"                "pterygium"
                DOID:0014667                DOID:0050004
"disease of metabolism" "seminal vesicle acute gonorrhoea"
                DOID:0050012
            "chikungunya"
```

Direct mapping from disease trait tokens in the catalog to this vocabulary succeeds for a modest proportion of records.

```
> cattr = mcols(ebicat37)$Disease.Trait
> mat = match(tolower(cattr), tolower(allt))
> catDO = names(allt)[mat]
> na.omit(catDO)[1:50]
```

```
[1] NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
[26] NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA
```

```
> mean(is.na(catDO))
```

```
[1] NaN
```

Approximate matching of unmatched tokens can proceed by various routes. Some traits are not diseases, and will not be mappable using Disease Ontology. However, consider

```
> unique(cattr[is.na(catDO)])[1:20]
```

```
NULL
```

```
> nomatch = cattr[is.na(catDO)]
> unique(nomatch)[1:5]
```

```
NULL
```

Manual searching shows that a number of these have very close matches.

## 6.2 Other phenotypic traits: Human Phenotype Ontology

Bioconductor does not possess an annotation package for phenotype ontology, but the standardized OBO format can be parsed and modeled into a graph.

```
> hpobo = gzfile(dir(system.file("obo", package="gwascat")), pattern="hpo", full=TRUE)
> HPOgraph = obo2graphNEL(hpobo)
> close(hpobo)
```

The phenotypic terms are obtained via:

```
> requireNamespace("graph")
> hpoterms = unlist(graph::nodeData(HPOgraph, graph::nodes(HPOgraph), "name"))
> hpoterms[1:10]
```

```
HP:0000001
  "All"
HP:0000002
  "Abnormality of body height"
HP:0000003
  "Multicystic kidney dysplasia"
HP:0000004
  "Onset and clinical course"
HP:0000005
  "Mode of inheritance"
HP:0000006
  "Autosomal dominant inheritance"
HP:0000007
  "Autosomal recessive inheritance"
HP:0000008
  "Abnormality of female internal genitalia"
HP:0000009
  "Functional abnormality of the bladder"
HP:0000010
  "Recurrent urinary tract infections"
```

Exact hits to unmatched GWAS catalog traits exist:

```
> intersect(tolower(nomatch), tolower(hpoterms))

character(0)
```

More work on formalization of trait terms is underway.

## 7 CADD scores

Kircher et al. (Kircher et al., 2014) define combined annotation-dependent depletion scores measuring variant pathogenicity in an integrative way. Small requests to bind scores for SNV to GRanges can be resolved through HTTP; large requests can be carried out on a local tabix-indexed selection from their archive.

```
> g3 = as(ebicat37, "GRanges")
> bg3 = bindcadd_snv( g3[which(seqnames(g3)=="chr3")][1:20] )
> inds = ncol(mcols(bg3))
> bg3[, (inds-3):inds]
```

This requires cooperation of network interface and server, so we don't evaluate in vignette build but on 1 Apr 2014 the response was:

GRanges with 20 ranges and 4 metadata columns:

	seqnames	ranges	strand	Ref	Alt
	<Rle>	<IRanges>	<Rle>	<character>	<character>
[1]	3	[109789570, 109789570]	*	A	G
[2]	3	[ 25922285, 25922285]	*	G	A
[3]	3	[109529550, 109529550]	*	T	C
[4]	3	[175055759, 175055759]	*	T	G
[5]	3	[191912870, 191912870]	*	C	T
...	...	...	...	...	...
[16]	3	[187716886, 187716886]	*	A	G
[17]	3	[160820524, 160820524]	*	G	C
[18]	3	[169518455, 169518455]	*	T	C
[19]	3	[179172979, 179172979]	*	G	T
[20]	3	[171785168, 171785168]	*	G	C
	Cscore	PHRED			
	<numeric>	<numeric>			
[1]	-0.182763	3.110			
[2]	-0.289708	2.616			
[3]	0.225373	5.216			
[4]	-0.205689	3.003			
[5]	-0.172189	3.161			
...	...	...			
[16]	-0.019710	3.913			
[17]	-0.375183	2.235			
[18]	-0.695270	0.987			
[19]	-0.441673	1.949			
[20]	0.231972	5.252			

---

```

seqlengths:
      1          2          3          4 ...          21          22          X
249250621 243199373 198022430 191154276 ... 48129895 51304566 155270560

```

## 8 Appendix: Adequacy of location annotation

A basic question concerning the use of archived SNP identifiers is durability of the association between asserted location and SNP identifier. The `chklocs` function uses a current Bioconductor `SNPlocs` package to check this.

For example, to verify that locations asserted on chromosome 20 agree between the Bioconductor dbSNP image and the gwas catalog,

```

> if ("SNPlocs.Hsapiens.dbSNP144.GRCh37" %in% installed.packages()[,1]) {
+   library(SNPlocs.Hsapiens.dbSNP144.GRCh37)
+   chklocs("20", ebscat37)
+ }

```

```
[1] TRUE
```

This is not a fast procedure. As of March 2017, small numbers of catalog locations are found discrepant with dbSNP for GRCh37.

## References

- Martin Kircher, Daniela M Witten, Preti Jain, Brian J O’Roak, Gregory M Cooper, and Jay Shendure. A general framework for estimating the relative pathogenicity of human genetic variants. *Nat Genet*, Feb 2014. doi: 10.1038/ng.2892.
- John D Osborne, Jared Flatow, Michelle Holko, Simon M Lin, Warren A Kibbe, Lihua Julie Zhu, Maria I Danila, Gang Feng, and Rex L Chisholm. Annotating the human genome with disease ontology. *BMC Genomics*, 10 Suppl 1:S6, Jan 2009. doi: 10.1186/1471-2164-10-S1-S6. URL <http://www.biomedcentral.com/1471-2164/10/S1/S6>.