DIARY JUNE 13 2021: OPTIMISM ABOUT FOUR-SPHERE DETERMINATION OF PRINCIPLES OF BIOLOGICAL CELLS

ZULFIKAR MOINUDDIN AHMED

1. Zulf's Life Hypothesis

Consider a single biological cell of a simple bacterium. Consider the problem of S4 Electromagnetism on Spinor Fields of a Four-Sphere that goes on for an infinite time. The problem is to determine if there must exist a single biological cell. If so we know that Four-Sphere Physics will tell us origin of life in the universe, and this is my hypothesis.

2. Human Genetic Uniqueness

Is it really true that every human being has unique genome? On one hand this is considered trivial knowledge of biology. On the other hand, what is the certainty that we have here? Is it possible in an infinite time environment to have identical genome for two human individuals? It would be nice to have certainty regarding this issue. If we ignore fundamental problems of science, where this absolute uniqueness of genome of human beings is just *assumed* and not known with absolute certainty, then this is an elementary issue in a sense but I don't like this situation unless there is deeper understanding of the issue. Watson and Crick only discovered double helix of genome in 1953 which is not long ago in scientific time span, so the understanding of science here is not as deep and certain as it could be. A second great question is the issue of possible actual genetic diversity for human beings in theory. This is a surprisingly difficult problem because there needs to be a fundamental understanding of the possible genetic sequences and this is not simply a power set or some other simple combinatorial formula because those sorts of things will produce nonsense easily. I'll give the sense of things that are no good. For example, 4^K with some fixed K of total length of genome is a useless answer because there is no sense in all sequences. An *intelligent* answer has to produce sequences that are human genome and not genomes of Frankenstein's fanciful monsters from the deformed creatures of the Underworld and so on.

3. Getting Distributions on the Real Line For Genomes

We consider the interval $(0, 1)$ first in base 4 expansion. Then we consider genome of length K map to $(0, 1)$ using a map like $[A, C, T, G] \to [0, 1, 2, 3]$. Then we use the map

$$g : (0, 1) \to \mathbf{R}$$

given by $g(x) = log(-log(x))$.

Then we consider distributions produced from empirical genome distributions on $(0, 1)$ and push them forward by $g_*(\cdot)$.

Date: June 13, 2021.

The end product is that we have reduced a vast complex messy situation of strings to distributions on $\mathbf{R}$. Then we can have sanity when considering distributions of genomes in a probabilistic sense. Picking from distributions on $\mathbf{R}$ then correspond to picking genomes at random.

4. Lossless Representation of Human Genetic Variation in a Euclidean space

The human genome is a complete set of nucleic acid sequences in 23 chromosomes and DNA in mitochondria. Somatic human cells have 6 billion base pairs and germ cells have 3 billion. All human genomes have the same sequence of 3 billion base pairs and human variation is due to possible differences in 3 *million* single nucleotide variants only. Therefore we can represent variation by just tracking the DNA at those locations.

Now double precision on 64 bit computers track 52 bits in the mantissa. Therefore full possible diversity of humans is represented in 4^{K_0} possibilities with $K_0 = 3 \times 10^6$. If we map these losslessly to double precision floating point in 64 bit computers, we can absorb 26 base pairs per real (floating point) numbers.

$$N_0 = 115385$$

Therefore human genetic variation can be represented in $\mathbf{R}^{N_0}$.

5. Variation Data RefSNP

```
> available.SNPs()
'getOption("repos")' replaces Bioconductor
standard repositories, see '?repositories' for
details

replacement repositories:
    CRAN: https://cran.rstudio.com/

 [1] "SNPlocs.Hsapiens.dbSNP.20101109"
 [2] "SNPlocs.Hsapiens.dbSNP.20120608"
 [3] "SNPlocs.Hsapiens.dbSNP141.GRCh38"
 [4] "SNPlocs.Hsapiens.dbSNP142.GRCh37"
 [5] "SNPlocs.Hsapiens.dbSNP144.GRCh37"
 [6] "SNPlocs.Hsapiens.dbSNP144.GRCh38"
 [7] "SNPlocs.Hsapiens.dbSNP149.GRCh38"
 [8] "SNPlocs.Hsapiens.dbSNP150.GRCh38"
 [9] "SNPlocs.Hsapiens.dbSNP151.GRCh38"
[10] "XtraSNPlocs.Hsapiens.dbSNP141.GRCh38"
[11] "XtraSNPlocs.Hsapiens.dbSNP144.GRCh37"
[12] "XtraSNPlocs.Hsapiens.dbSNP144.GRCh38"
```

6. Missing Measurements by Individuals

The sort of measurements that people have done for snips (SNPS) for example in dbSNP are to note down the *possible values* at snip locations of the DNA. I have not seen measurements of all these jointly for a large sample N of individuals yet. That is what is interesting for human genetic individuality.

Here's an example of what can be obtained from public facilities on snip locations.

```
##fileformat=VCFv4.3
##source=dbSNP
##track_name="Cited Variations, dbSNP b154 v2"
##sequence_region="NC_000014.9 1 107043718"
##INFO=<ID=RS,Number=1,Type=String,Description="dbSNP ID">
##INFO=<ID=Source,Number=1,Type=String,Description="Variation source">
#CHROM POS ID REF ALT QUAL FILTER INFO
NC_000014.9 19390317 rs2818521 C A,G,T . . RS=rs2818521;Source=dbsnp
NC_000014.9 19837272 rs2873665 C T . . RS=rs2873665;Source=dbsnp
NC_000014.9 19879052 rs1319956 A G . . RS=rs1319956;Source=dbsnp
NC_000014.9 19941099 rs2792135 G A . . RS=rs2792135;Source=dbsnp
NC_000014.9 19944880 rs2635556 T C . . RS=rs2635556;Source=dbsnp
NC_000014.9 19958583 rs12891630 G A,T . . RS=rs12891630;Source=dbsnp
NC_000014.9 19977211 rs1972373 T C . . RS=rs1972373;Source=dbsnp
NC_000014.9 20005751 rs11158243 C T . . RS=rs11158243;Source=dbsnp
NC_000014.9 20046864 rs10484227 G A,T . . RS=rs10484227;Source=dbsnp
NC_000014.9 20060048 rs1958715 G A,C,T . . RS=rs1958715;Source=dbsnp
NC_000014.9 20060162 rs1958716 A C,G,T . . RS=rs1958716;Source=dbsnp
NC_000014.9 20064220 rs944398 T C,G . . RS=rs944398;Source=dbsnp
NC_000014.9 20065677 rs2775256 A G . . RS=rs2775256;Source=dbsnp
NC_000014.9 20091123 rs7148411 G A,C,T . . RS=rs7148411;Source=dbsnp
NC_000014.9 20117883 rs8005245 G C . . RS=rs8005245;Source=dbsnp
NC_000014.9 20226443 rs1959344 T G . . RS=rs1959344;Source=dbsnp
NC_000014.9 20229441 rs12434822 T G . . RS=rs12434822;Source=dbsnp
NC_000014.9 20293907 rs11623837 A G,T . . RS=rs11623837;Source=dbsnp
NC_000014.9 20301877 rs3742945 T A,C . . RS=rs3742945;Source=dbsnp
NC_000014.9 20341332 rs7159947 T C . . RS=rs7159947;Source=dbsnp
NC_000014.9 20345130 rs2297616 G A . . RS=rs2297616;Source=dbsnp
NC_000014.9 20351068 rs3093905 G A . . RS=rs3093905;Source=dbsnp
NC_000014.9 20351089 rs3093906 A G . . RS=rs3093906;Source=dbsnp
NC_000014.9 20353620 rs3093919 T G . . RS=rs3093919;Source=dbsnp
NC_000014.9 20353956 rs1713413 C G,T . . RS=rs1713413;Source=dbsnp
NC_000014.9 20354149 rs3093921 A G . . RS=rs3093921;Source=dbsnp
NC_000014.9 20354859 rs3093925 A C,G . . RS=rs3093925;Source=dbsnp
NC_000014.9 20354893 rs3093926 G A,C . . RS=rs3093926;Source=dbsnp
NC_000014.9 20354936 rs3093927 G A . . RS=rs3093927;Source=dbsnp
NC_000014.9 20355375 rs1760912 A T . . RS=rs1760912;Source=dbsnp
NC_000014.9 20356256 rs3093933 G T . . RS=rs3093933;Source=dbsnp
NC_000014.9 20356700 rs878156 T C . . RS=rs878156;Source=dbsnp
NC_000014.9 20356854 rs878157 C T . . RS=rs878157;Source=dbsnp
NC_000014.9 20356935 rs3093938 A G . . RS=rs3093938;Source=dbsnp
NC_000014.9 20357806 rs2700 A C,G . . RS=rs2700;Source=dbsnp
NC_000014.9 20358084 rs3093942 A C,G . . RS=rs3093942;Source=dbsnp
NC_000014.9 20359638 rs4981158 T C . . RS=rs4981158;Source=dbsnp
NC_000014.9 20360873 rs4981998 C G,T . . RS=rs4981998;Source=dbsnp
NC_000014.9 20360960 rs2678681 C T . . RS=rs2678681;Source=dbsnp
NC_000014.9 20361279 rs10147163 T C . . RS=rs10147163;Source=dbsnp
```

```
NC_000014.9 20363247 rs7161611 C A,T . . RS=rs7161611;Source=dbsnp
NC_000014.9 20363635 rs10143407 G C . . RS=rs10143407;Source=dbsnp
NC_000014.9 20366389 rs1713419 A G . . RS=rs1713419;Source=dbsnp
NC_000014.9 20366650 rs1713418 A G . . RS=rs1713418;Source=dbsnp
NC_000014.9 20368874 rs2104978 T C . . RS=rs2104978;Source=dbsnp
NC_000014.9 20369542 rs938886 G C,T . . RS=rs938886;Source=dbsnp
NC_000014.9 20370554 rs2104977 G A . . RS=rs2104977;Source=dbsnp
NC_000014.9 20373548 rs1713449 C T . . RS=rs1713449;Source=dbsnp
NC_000014.9 20376224 rs2228042 C G,T . . RS=rs2228042;Source=dbsnp
NC_000014.9 20377362 rs2229101 A C . . RS=rs2229101;Source=dbsnp
NC_000014.9 20378362 rs2297615 A T . . RS=rs2297615;Source=dbsnp
NC_000014.9 20378791 rs8022805 C T . . RS=rs8022805;Source=dbsnp
NC_000014.9 20379043 rs938887 A G . . RS=rs938887;Source=dbsnp
NC_000014.9 20381934 rs1713456 C T . . RS=rs1713456;Source=dbsnp
NC_000014.9 20382104 rs11850456 G A . . RS=rs11850456;Source=dbsnp
NC_000014.9 20383870 rs1760904 A C,G . . RS=rs1760904;Source=dbsnp
NC_000014.9 20384108 rs2228041 C G,T . . RS=rs2228041;Source=dbsnp
NC_000014.9 20386079 rs12880583 T C . . RS=rs12880583;Source=dbsnp
NC_000014.9 20390854 rs872072 G A . . RS=rs872072;Source=dbsnp
NC_000014.9 20391914 rs1713423 G A . . RS=rs1713423;Source=dbsnp
NC_000014.9 20395890 rs2228026 A G . . RS=rs2228026;Source=dbsnp
NC_000014.9 20401660 rs2297612 A T . . RS=rs2297612;Source=dbsnp
NC_000014.9 20403486 rs8009925 C A . . RS=rs8009925;Source=dbsnp
NC_000014.9 20404722 rs1760898 G C,T . . RS=rs1760898;Source=dbsnp
NC_000014.9 20407110 rs1713440 T A,G . . RS=rs1713440;Source=dbsnp
NC_000014.9 20408030 rs10083536 G A . . RS=rs10083536;Source=dbsnp
NC_000014.9 20408094 rs1760897 A G . . RS=rs1760897;Source=dbsnp
NC_000014.9 20411152 rs2678685 T A,G . . RS=rs2678685;Source=dbsnp
NC_000014.9 20412001 rs2184282 T C . . RS=rs2184282;Source=dbsnp
NC_000014.9 20412169 rs2151753 G A . . RS=rs2151753;Source=dbsnp
NC_000014.9 20413368 rs1713434 T A,C . . RS=rs1713434;Source=dbsnp
NC_000014.9 20414432 rs4246977 T A,C . . RS=rs4246977;Source=dbsnp
NC_000014.9 20415790 rs1713436 T A,C . . RS=rs1713436;Source=dbsnp
NC_000014.9 20416141 rs1760889 G A,T . . RS=rs1760889;Source=dbsnp
NC_000014.9 20428086 rs1713450 T C . . RS=rs1713450;Source=dbsnp
NC_000014.9 20428698 rs7140768 C T . . RS=rs7140768;Source=dbsnp
NC_000014.9 20428905 rs7145318 C T . . RS=rs7145318;Source=dbsnp
NC_000014.9 20435747 rs8017603 C G,T . . RS=rs8017603;Source=dbsnp
NC_000014.9 20437356 rs1878705 A G . . RS=rs1878705;Source=dbsnp
NC_000014.9 20438455 rs2184283 G C,T . . RS=rs2184283;Source=dbsnp
NC_000014.9 20440194 rs11160682 A C,G . . RS=rs11160682;Source=dbsnp
NC_000014.9 20441313 rs17277375 C T . . RS=rs17277375;Source=dbsnp
NC_000014.9 20442073 rs12050102 G A,C,T . . RS=rs12050102;Source=dbsnp
NC_000014.9 20442249 rs17111750 C T . . RS=rs17111750;Source=dbsnp
NC_000014.9 20445364 rs4465523 G A . . RS=rs4465523;Source=dbsnp
NC_000014.9 20445837 rs11160711 C T . . RS=rs11160711;Source=dbsnp
NC_000014.9 20448090 rs2275008 T A,C . . RS=rs2275008;Source=dbsnp
NC_000014.9 20448546 rs3120073 T C . . RS=rs3120073;Source=dbsnp
```

```
NC_000014.9 20451884 rs1320150 C T . . RS=rs1320150;Source=dbsnp
NC_000014.9 20452091 rs2275007 T A,C,G . . RS=rs2275007;Source=dbsnp
NC_000014.9 20452681 rs1760945 A C,G,T . . RS=rs1760945;Source=dbsnp
NC_000014.9 20454990 rs1760944 T C,G . . RS=rs1760944;Source=dbsnp
NC_000014.9 20455138 rs3136814 A C . . RS=rs3136814;Source=dbsnp
NC_000014.9 20455381 rs2307490 A G . . RS=rs2307490;Source=dbsnp
NC_000014.9 20455958 rs61757709 A C . . RS=rs61757709;Source=dbsnp
NC_000014.9 20455971 rs34632023 G A . . RS=rs34632023;Source=dbsnp
NC_000014.9 20456008 rs1048945 G C . . RS=rs1048945;Source=dbsnp
NC_000014.9 20456045 rs2307486 A G . . RS=rs2307486;Source=dbsnp
NC_000014.9 20456046 rs61730854 T C . . RS=rs61730854;Source=dbsnp
NC_000014.9 20456166 rs17111967 C T . . RS=rs17111967;Source=dbsnp
NC_000014.9 20456275 rs3136817 T C . . RS=rs3136817;Source=dbsnp
NC_000014.9 20456930 rs3136819 C T . . RS=rs3136819;Source=dbsnp
NC_000014.9 20456995 rs1130409 T A,C,G . . RS=rs1130409;Source=dbsnp
NC_000014.9 20457272 rs33956927 G A . . RS=rs33956927;Source=dbsnp
NC_000014.9 20457482 rs1803120 C A,T . . RS=rs1803120;Source=dbsnp
NC_000014.9 20457501 rs1803118 C T . . RS=rs1803118;Source=dbsnp
NC_000014.9 20457510 rs17112002 A T . . RS=rs17112002;Source=dbsnp
NC_000014.9 20461879 rs1760941 A C,G,T . . RS=rs1760941;Source=dbsnp
NC_000014.9 20472356 rs1049562 C A,T . . RS=rs1049562;Source=dbsnp
NC_000014.9 20472366 rs104894455 C T . . RS=rs104894455;Source=dbsnp
NC_000014.9 20472447 rs1049564 G A . . RS=rs1049564;Source=dbsnp
NC_000014.9 20472467 rs1130650 C T . . RS=rs1130650;Source=dbsnp
NC_000014.9 20472468 rs104894460 C T . . RS=rs104894460;Source=dbsnp
NC_000014.9 20472910 rs3790064 A G,T . . RS=rs3790064;Source=dbsnp
NC_000014.9 20474555 rs104894453 G A . . RS=rs104894453;Source=dbsnp
NC_000014.9 20474585 rs1713420 A G . . RS=rs1713420;Source=dbsnp
NC_000014.9 20474870 rs104894450 A G . . RS=rs104894450;Source=dbsnp
NC_000014.9 20475175 rs104894452 A G,T . . RS=rs104894452;Source=dbsnp
NC_000014.9 20476432 rs104894451 G A,C . . RS=rs104894451;Source=dbsnp
NC_000014.9 20479109 rs1760931 T A,G . . RS=rs1760931;Source=dbsnp
NC_000014.9 20489274 rs12147450 T C . . RS=rs12147450;Source=dbsnp
NC_000014.9 20489331 rs17112431 T G . . RS=rs17112431;Source=dbsnp
NC_000014.9 20549259 rs10498269 C T . . RS=rs10498269;Source=dbsnp
NC_000014.9 20625574 rs1243679 A G . . RS=rs1243679;Source=dbsnp
NC_000014.9 20685140 rs9322855 A C,T . . RS=rs9322855;Source=dbsnp
NC_000014.9 20685629 rs1010461 A C . . RS=rs1010461;Source=dbsnp
NC_000014.9 20687234 rs8004382 A G,T . . RS=rs8004382;Source=dbsnp
NC_000014.9 20688032 rs4470055 G A,T . . RS=rs4470055;Source=dbsnp
NC_000014.9 20688289 rs8008440 G A . . RS=rs8008440;Source=dbsnp
NC_000014.9 20688313 rs1010458 G A . . RS=rs1010458;Source=dbsnp
NC_000014.9 20690751 rs17114699 G T . . RS=rs17114699;Source=dbsnp
NC_000014.9 20693671 rs121909535 A T . . RS=rs121909535;Source=dbsnp
NC_000014.9 20693685 rs121909537 A G . . RS=rs121909537;Source=dbsnp
NC_000014.9 20693686 rs121909536 A T . . RS=rs121909536;Source=dbsnp
NC_000014.9 20693719 rs121909542 G A,C . . RS=rs121909542;Source=dbsnp
NC_000014.9 20693728 rs121909538 G A . . RS=rs121909538;Source=dbsnp
```

```
NC_000014.9 20693753 rs121909539 C G . . RS=rs121909539;Source=dbsnp
NC_000014.9 20693755 rs121909540 A T . . RS=rs121909540;Source=dbsnp
NC_000014.9 20693772 rs121909541 A G . . RS=rs121909541;Source=dbsnp
NC_000014.9 20693814 rs17560 A G . . RS=rs17560;Source=dbsnp
NC_000014.9 20693894 rs11701 T A,C,G . . RS=rs11701;Source=dbsnp
NC_000014.9 20693927 rs2228653 A G,T . . RS=rs2228653;Source=dbsnp
NC_000014.9 20693970 rs768899582 C T . . RS=rs768899582;Source=dbsnp
NC_000014.9 20693971 rs121909543 C T . . RS=rs121909543;Source=dbsnp
NC_000014.9 20693973 rs121909544 G A . . RS=rs121909544;Source=dbsnp
NC_000014.9 20699417 rs3748338 A C,G,T . . RS=rs3748338;Source=dbsnp
NC_000014.9 20699896 rs3094 T C,G . . RS=rs3094;Source=dbsnp
NC_000014.9 20727312 rs8023192 A C,G . . RS=rs8023192;Source=dbsnp
NC_000014.9 20766609 rs762038 C A,G . . RS=rs762038;Source=dbsnp
NC_000014.9 20770639 rs3827907 T C . . RS=rs3827907;Source=dbsnp
NC_000014.9 20788017 rs12881063 G C . . RS=rs12881063;Source=dbsnp
NC_000014.9 20793574 rs10131141 C G,T . . RS=rs10131141;Source=dbsnp
NC_000014.9 20801679 rs11545379 C A . . RS=rs11545379;Source=dbsnp
NC_000014.9 20801869 rs1804215 C A,T . . RS=rs1804215;Source=dbsnp
NC_000014.9 20846841 rs11622895 C T . . RS=rs11622895;Source=dbsnp
NC_000014.9 20879073 rs11156734 C A,T . . RS=rs11156734;Source=dbsnp
NC_000014.9 20891137 rs2284954 G A . . RS=rs2284954;Source=dbsnp
NC_000014.9 20891294 rs11575981 C T . . RS=rs11575981;Source=dbsnp
NC_000014.9 20891644 rs2233858 C A,T . . RS=rs2233858;Source=dbsnp
NC_000014.9 20891649 rs2233859 C A,G,T . . RS=rs2233859;Source=dbsnp
NC_000014.9 20892057 rs2073342 C A,G,T . . RS=rs2073342;Source=dbsnp
NC_000014.9 20892074 rs12147890 G A . . RS=rs12147890;Source=dbsnp
NC_000014.9 20892185 rs2233860 G C . . RS=rs2233860;Source=dbsnp
NC_000014.9 20892263 rs8019343 A T . . RS=rs8019343;Source=dbsnp
NC_000014.9 20897642 rs8007643 C T . . RS=rs8007643;Source=dbsnp
NC_000014.9 20955631 rs2013109 G C . . RS=rs2013109;Source=dbsnp
NC_000014.9 20955642 rs10132319 A G . . RS=rs10132319;Source=dbsnp
NC_000014.9 20965183 rs1958399 T C . . RS=rs1958399;Source=dbsnp
NC_000014.9 20969149 rs4982386 T C . . RS=rs4982386;Source=dbsnp
NC_000014.9 20988889 rs2771342 C T . . RS=rs2771342;Source=dbsnp
NC_000014.9 20999754 rs2234632 T A,G . . RS=rs2234632;Source=dbsnp
NC_000014.9 20999769 rs2234633 T C . . RS=rs2234633;Source=dbsnp
NC_000014.9 21000992 rs2234636 T A,C . . RS=rs2234636;Source=dbsnp
NC_000014.9 21024070 rs1998848 G A . . RS=rs1998848;Source=dbsnp
NC_000014.9 21031962 rs9624 G A,T . . RS=rs9624;Source=dbsnp
NC_000014.9 21033036 rs3748348 G A . . RS=rs3748348;Source=dbsnp
NC_000014.9 21043338 rs1243469 C G,T . . RS=rs1243469;Source=dbsnp
NC_000014.9 21081734 rs7143633 G A,C . . RS=rs7143633;Source=dbsnp
NC_000014.9 21092594 rs3841049 GAGGCTGAGGCTGAGGCTGAGGC GAGGCTGAGGCTGAGGC,GAGGCTGAGGCTGAGGCTGA
. . RS=rs3841049;Source=dbsnp
NC_000014.9 21131933 rs1243482 T A,C,G . . RS=rs1243482;Source=dbsnp
NC_000014.9 21163764 rs11852150 G A . . RS=rs11852150;Source=dbsnp
NC_000014.9 21203118 rs10483251 G C,T . . RS=rs10483251;Source=dbsnp
NC_000014.9 21209535 rs7495 T A,C . . RS=rs7495;Source=dbsnp
```

```
NC_000014.9 21223318 rs8009894 G A,C . . RS=rs8009894;Source=dbsnp
NC_000014.9 21229782 rs7147655 A C,G . . RS=rs7147655;Source=dbsnp
NC_000014.9 21248576 rs4982436 C T . . RS=rs4982436;Source=dbsnp
NC_000014.9 21248734 rs4982437 T C . . RS=rs4982437;Source=dbsnp
NC_000014.9 21250580 rs7141230 C T . . RS=rs7141230;Source=dbsnp
NC_000014.9 21250759 rs17092523 C T . . RS=rs17092523;Source=dbsnp
NC_000014.9 21294745 rs192003551 C A,T . . RS=rs192003551;Source=dbsnp
NC_000014.9 21294785 rs137853124 G A . . RS=rs137853124;Source=dbsnp
NC_000014.9 21301034 rs1040904 C A,G . . RS=rs1040904;Source=dbsnp
NC_000014.9 21301123 rs375226924 G C . . RS=rs375226924;Source=dbsnp
NC_000014.9 21302522 rs17792599 A G . . RS=rs17792599;Source=dbsnp
NC_000014.9 21302571 rs6571751 A G . . RS=rs6571751;Source=dbsnp
NC_000014.9 21303526 rs398124356 G A . . RS=rs398124356;Source=dbsnp
NC_000014.9 21307738 rs372615343 A G,T . . RS=rs372615343;Source=dbsnp
NC_000014.9 21310559 rs398099213 AATAATAATAAT AATAATAAT . . RS=rs398099213;Source=dbsnp
NC_000014.9 21312458 rs61751266 AAAAA AAAA . . RS=rs61751266;Source=dbsnp
NC_000014.9 21321881 rs10151259 G T . . RS=rs10151259;Source=dbsnp
NC_000014.9 21324622 rs34067949 G T . . RS=rs34067949;Source=dbsnp
NC_000014.9 21324648 rs74034910 G A,T . . RS=rs74034910;Source=dbsnp
NC_000014.9 21324652 rs9322965 G A . . RS=rs9322965;Source=dbsnp
NC_000014.9 21324775 rs368434311 C T . . RS=rs368434311;Source=dbsnp
NC_000014.9 21325077 rs7157052 G A . . RS=rs7157052;Source=dbsnp
NC_000014.9 21325887 rs869025257 C G . . RS=rs869025257;Source=dbsnp
NC_000014.9 21325943 rs28937883 G A,T . . RS=rs28937883;Source=dbsnp
NC_000014.9 21326018 rs181758389 G A . . RS=rs181758389;Source=dbsnp
NC_000014.9 21327687 rs398124354 G A . . RS=rs398124354;Source=dbsnp
NC_000014.9 21327785 rs786205623 AAAA AAA . . RS=rs786205623;Source=dbsnp
NC_000014.9 21328423 rs863224913 GG G . . RS=rs863224913;Source=dbsnp
NC_000014.9 21328625 rs3748361 G C . . RS=rs3748361;Source=dbsnp
NC_000014.9 21343021 rs28664100 C T . . RS=rs28664100;Source=dbsnp
NC_000014.9 21343037 rs17103671 A G . . RS=rs17103671;Source=dbsnp
NC_000014.9 21343110 rs398124355 C T . . RS=rs398124355;Source=dbsnp
NC_000014.9 21345126 rs34116882 C T . . RS=rs34116882;Source=dbsnp
NC_000014.9 21351226 rs80191010 T C . . RS=rs80191010;Source=dbsnp
NC_000014.9 21380742 rs9322978 T A,C,G . . RS=rs9322978;Source=dbsnp
NC_000014.9 21395816 rs794727436 C T . . RS=rs794727436;Source=dbsnp
NC_000014.9 21402010 rs397514552 G A . . RS=rs397514552;Source=dbsnp
NC_000014.9 21403019 rs397514551 G A . . RS=rs397514551;Source=dbsnp
NC_000014.9 21406928 rs797044853 AACACAAC AAC . . RS=rs797044853;Source=dbsnp
NC_000014.9 21409898 rs776631057 G A,C . . RS=rs776631057;Source=dbsnp
NC_000014.9 21415880 rs863224857 G A . . RS=rs863224857;Source=dbsnp
NC_000014.9 21431297 rs1135401763 TG T . . RS=rs1135401763;Source=dbsnp
NC_000014.9 21523209 rs61743453 G C . . RS=rs61743453;Source=dbsnp
NC_000014.9 21525643 rs587776429 C A . . RS=rs587776429;Source=dbsnp
NC_000014.9 21533813 rs2293702 C T . . RS=rs2293702;Source=dbsnp
NC_000014.9 21542046 rs7148997 G C . . RS=rs7148997;Source=dbsnp
NC_000014.9 21542814 rs1041856 T C . . RS=rs1041856;Source=dbsnp
NC_000014.9 21550762 rs10129436 A C,G,T . . RS=rs10129436;Source=dbsnp
```

```
NC_000014.9 21560810 rs12432394 C T . . RS=rs12432394;Source=dbsnp
NC_000014.9 21570031 rs17197261 A C,T . . RS=rs17197261;Source=dbsnp
NC_000014.9 21610372 rs10047948 G A . . RS=rs10047948;Source=dbsnp
NC_000014.9 21669882 rs10483256 G A . . RS=rs10483256;Source=dbsnp
NC_000014.9 21767650 rs718433 A G . . RS=rs718433;Source=dbsnp
NC_000014.9 21768357 rs766737 C A,T . . RS=rs766737;Source=dbsnp
NC_000014.9 21807880 rs2254896 G A . . RS=rs2254896;Source=dbsnp
NC_000014.9 21821498 rs11157248 T G . . RS=rs11157248;Source=dbsnp
NC_000014.9 21960136 rs12433492 C A,G,T . . RS=rs12433492;Source=dbsnp
NC_000014.9 21998645 rs932231 G C . . RS=rs932231;Source=dbsnp
NC_000014.9 22013585 rs3811321 A C,G . . RS=rs3811321;Source=dbsnp
NC_000014.9 22020269 rs979027 G A . . RS=rs979027;Source=dbsnp
NC_000014.9 22050244 rs2204978 C T . . RS=rs2204978;Source=dbsnp
NC_000014.9 22159914 rs11625840 A G,T . . RS=rs11625840;Source=dbsnp
NC_000014.9 22168978 rs11157436 C T . . RS=rs11157436;Source=dbsnp
NC_000014.9 22194962 rs17255510 T C . . RS=rs17255510;Source=dbsnp
NC_000014.9 22222313 rs2272551 C A,G . . RS=rs2272551;Source=dbsnp
NC_000014.9 22225784 rs13379037 C A . . RS=rs13379037;Source=dbsnp
NC_000014.9 22225937 rs988997 G C . . RS=rs988997;Source=dbsnp
NC_000014.9 22226017 rs12717364 C T . . RS=rs12717364;Source=dbsnp
NC_000014.9 22226436 rs2242543 A G . . RS=rs2242543;Source=dbsnp
NC_000014.9 22247274 rs3811273 A G,T . . RS=rs3811273;Source=dbsnp
NC_000014.9 22279172 rs3811266 A G,T . . RS=rs3811266;Source=dbsnp
NC_000014.9 22279581 rs4982599 G A . . RS=rs4982599;Source=dbsnp
NC_000014.9 22281859 rs4435168 T C . . RS=rs4435168;Source=dbsnp
NC_000014.9 22284990 rs17116039 A G . . RS=rs17116039;Source=dbsnp
NC_000014.9 22288387 rs10129606 T A,C . . RS=rs10129606;Source=dbsnp
NC_000014.9 22289383 rs2001022 C T . . RS=rs2001022;Source=dbsnp
NC_000014.9 22293365 rs10483271 G A . . RS=rs10483271;Source=dbsnp
NC_000014.9 22294414 rs17198314 T C . . RS=rs17198314;Source=dbsnp
NC_000014.9 22295178 rs17198328 G A . . RS=rs17198328;Source=dbsnp
NC_000014.9 22297219 rs12588739 T C . . RS=rs12588739;Source=dbsnp
NC_000014.9 22299752 rs722448 C T . . RS=rs722448;Source=dbsnp
NC_000014.9 22300879 rs3811260 T C . . RS=rs3811260;Source=dbsnp
NC_000014.9 22303362 rs741713 C A . . RS=rs741713;Source=dbsnp
NC_000014.9 22303409 rs1076549 T C . . RS=rs1076549;Source=dbsnp
NC_000014.9 22304238 rs2009858 T C . . RS=rs2009858;Source=dbsnp
NC_000014.9 22304710 rs1569297 T C . . RS=rs1569297;Source=dbsnp
NC_000014.9 22304778 rs1467891 T C . . RS=rs1467891;Source=dbsnp
NC_000014.9 22306809 rs2331601 A G,T . . RS=rs2331601;Source=dbsnp
NC_000014.9 22307060 rs1540268 C T . . RS=rs1540268;Source=dbsnp
NC_000014.9 22307449 rs10142594 G A,T . . RS=rs10142594;Source=dbsnp
NC_000014.9 22311424 rs7146411 A G . . RS=rs7146411;Source=dbsnp
NC_000014.9 22312080 rs3811259 C T . . RS=rs3811259;Source=dbsnp
NC_000014.9 22312243 rs11850894 G T . . RS=rs11850894;Source=dbsnp
NC_000014.9 22313945 rs11845134 C T . . RS=rs11845134;Source=dbsnp
NC_000014.9 22317783 rs1474477 C T . . RS=rs1474477;Source=dbsnp
NC_000014.9 22319109 rs10047935 C A,T . . RS=rs10047935;Source=dbsnp
```

```
NC_000014.9 22319258 rs10047878 T A,G . . RS=rs10047878;Source=dbsnp
NC_000014.9 22321205 rs8007403 G A,C . . RS=rs8007403;Source=dbsnp
NC_000014.9 22322488 rs916048 C A,T . . RS=rs916048;Source=dbsnp
NC_000014.9 22323131 rs2204990 G A,C . . RS=rs2204990;Source=dbsnp
NC_000014.9 22323783 rs11847479 T A,C . . RS=rs11847479;Source=dbsnp
NC_000014.9 22325865 rs17793809 G A . . RS=rs17793809;Source=dbsnp
NC_000014.9 22329546 rs4981422 G A,T . . RS=rs4981422;Source=dbsnp
NC_000014.9 22331640 rs11627649 T G . . RS=rs11627649;Source=dbsnp
NC_000014.9 22340329 rs4981423 G A,C,T . . RS=rs4981423;Source=dbsnp
NC_000014.9 22343205 rs3811256 G A,C . . RS=rs3811256;Source=dbsnp
NC_000014.9 22347527 rs2032442 G A,T . . RS=rs2032442;Source=dbsnp
NC_000014.9 22348733 rs12436199 A G,T . . RS=rs12436199;Source=dbsnp
NC_000014.9 22360462 rs2331662 A G,T . . RS=rs2331662;Source=dbsnp
NC_000014.9 22370225 rs8014927 A C,G,T . . RS=rs8014927;Source=dbsnp
NC_000014.9 22376567 rs4982619 A C . . RS=rs4982619;Source=dbsnp
NC_000014.9 22383427 rs11157552 T C . . RS=rs11157552;Source=dbsnp
NC_000014.9 22383889 rs3811254 C A,G,T . . RS=rs3811254;Source=dbsnp
NC_000014.9 22385282 rs741711 C T . . RS=rs741711;Source=dbsnp
NC_000014.9 22389956 rs3811247 T A,C . . RS=rs3811247;Source=dbsnp
NC_000014.9 22391078 rs3811244 T A,G . . RS=rs3811244;Source=dbsnp
NC_000014.9 22393232 rs12891257 C T . . RS=rs12891257;Source=dbsnp
NC_000014.9 22395232 rs10142552 G A . . RS=rs10142552;Source=dbsnp
NC_000014.9 22420786 rs11157573 T A,C,G . . RS=rs11157573;Source=dbsnp
NC_000014.9 22431928 rs6572449 T A,C,G . . RS=rs6572449;Source=dbsnp
NC_000014.9 22433998 rs7142158 C T . . RS=rs7142158;Source=dbsnp
NC_000014.9 22434470 rs2141988 A C,G,T . . RS=rs2141988;Source=dbsnp
NC_000014.9 22434939 rs3811232 G A,T . . RS=rs3811232;Source=dbsnp
NC_000014.9 22436073 rs8021297 T A,C,G . . RS=rs8021297;Source=dbsnp
NC_000014.9 22436733 rs11623995 A C,G,T . . RS=rs11623995;Source=dbsnp
NC_000014.9 22438076 rs11157596 G A . . RS=rs11157596;Source=dbsnp
NC_000014.9 22439259 rs17117722 T A . . RS=rs17117722;Source=dbsnp
NC_000014.9 22445002 rs10873018 G A,C . . RS=rs10873018;Source=dbsnp
NC_000014.9 22446824 rs12147516 G A,C,T . . RS=rs12147516;Source=dbsnp
NC_000014.9 22448054 rs10483273 A G . . RS=rs10483273;Source=dbsnp
NC_000014.9 22448641 rs2204985 G A,C,T . . RS=rs2204985;Source=dbsnp
NC_000014.9 22452288 rs11848747 G A,T . . RS=rs11848747;Source=dbsnp
NC_000014.9 22455202 rs2242545 G A,T . . RS=rs2242545;Source=dbsnp
NC_000014.9 22456360 rs1882704 G A,C . . RS=rs1882704;Source=dbsnp
NC_000014.9 22457927 rs17794083 C A . . RS=rs17794083;Source=dbsnp
NC_000014.9 22460708 rs10162417 T G . . RS=rs10162417;Source=dbsnp
NC_000014.9 22461166 rs10131293 G A . . RS=rs10131293;Source=dbsnp
NC_000014.9 22461795 rs2733776 A G . . RS=rs2733776;Source=dbsnp
NC_000014.9 22464064 rs10483275 C T . . RS=rs10483275;Source=dbsnp
NC_000014.9 22464970 rs10144138 G A . . RS=rs10144138;Source=dbsnp
NC_000014.9 22470475 rs8020193 A C,T . . RS=rs8020193;Source=dbsnp
NC_000014.9 22471852 rs10483277 C G,T . . RS=rs10483277;Source=dbsnp
NC_000014.9 22478914 rs1872159 C G,T . . RS=rs1872159;Source=dbsnp
NC_000014.9 22481259 rs762578 G T . . RS=rs762578;Source=dbsnp
```

```
NC_000014.9 22481502 rs227860 T A,G . . RS=rs227860;Source=dbsnp
NC_000014.9 22482025 rs3811222 G A . . RS=rs3811222;Source=dbsnp
NC_000014.9 22492115 rs2128997 A G . . RS=rs2128997;Source=dbsnp
NC_000014.9 22503969 rs6572493 A G . . RS=rs6572493;Source=dbsnp
NC_000014.9 22509351 rs226997 T C,G . . RS=rs226997;Source=dbsnp
NC_000014.9 22519994 rs1483979 C A,G,T . . RS=rs1483979;Source=dbsnp
NC_000014.9 22525883 rs10151740 G A . . RS=rs10151740;Source=dbsnp
NC_000014.9 22530591 rs11157651 G A,T . . RS=rs11157651;Source=dbsnp
NC_000014.9 22530666 rs12587781 G T . . RS=rs12587781;Source=dbsnp
NC_000014.9 22533736 rs1154155 G A,T . . RS=rs1154155;Source=dbsnp
NC_000014.9 22546919 rs943887 G A,C,T . . RS=rs943887;Source=dbsnp
NC_000014.9 22546932 rs943888 T C,G . . RS=rs943888;Source=dbsnp
NC_000014.9 22548589 rs1263646 G T . . RS=rs1263646;Source=dbsnp
NC_000014.9 22548736 rs56131962 G A,C . . RS=rs56131962;Source=dbsnp
NC_000014.9 22548744 rs55766725 C A,T . . RS=rs55766725;Source=dbsnp
NC_000014.9 22548784 rs1263648 G A,C,T . . RS=rs1263648;Source=dbsnp
NC_000014.9 22548793 rs1263649 A G,T . . RS=rs1263649;Source=dbsnp
NC_000014.9 22548808 rs1263650 G A,C,T . . RS=rs1263650;Source=dbsnp
NC_000014.9 22548819 rs1263651 T A,C,G . . RS=rs1263651;Source=dbsnp
NC_000014.9 22550664 rs397514259 G A . . RS=rs397514259;Source=dbsnp
NC_000014.9 22552777 rs412790 G A . . RS=rs412790;Source=dbsnp
NC_000014.9 22552827 rs1263663 T C,G . . RS=rs1263663;Source=dbsnp
NC_000014.9 22581859 rs8005354 C G,T . . RS=rs8005354;Source=dbsnp
NC_000014.9 22586674 rs5742747 T C . . RS=rs5742747;Source=dbsnp
NC_000014.9 22589830 rs5742726 C G . . RS=rs5742726;Source=dbsnp
NC_000014.9 22644437 rs9323178 A G,T . . RS=rs9323178;Source=dbsnp
NC_000014.9 22659998 rs1999071 T C . . RS=rs1999071;Source=dbsnp
NC_000014.9 22700327 rs943889 G A,T . . RS=rs943889;Source=dbsnp
NC_000014.9 22760338 rs2013041 C A,T . . RS=rs2013041;Source=dbsnp
NC_000014.9 22771096 rs193921091 A G . . RS=rs193921091;Source=dbsnp
NC_000014.9 22771505 rs148216086 AGCAGCAGCAGCA AGCAGCAGCAGCAGCA,AGCAGCAGCAGCAGCAGCA
. . RS=rs148216086;Source=dbsnp
NC_000014.9 22773681 rs386833810 A G . . RS=rs386833810;Source=dbsnp
NC_000014.9 22773686 rs386833809 AC A . . RS=rs386833809;Source=dbsnp
NC_000014.9 22773945 rs386833808 G A,C . . RS=rs386833808;Source=dbsnp
NC_000014.9 22773960 rs386833807 G A,C . . RS=rs386833807;Source=dbsnp
NC_000014.9 22773975 rs386833806 AC A . . RS=rs386833806;Source=dbsnp
NC_000014.9 22773978 rs386833805 TGAT TGATTGAT . . RS=rs386833805;Source=dbsnp
NC_000014.9 22773991 rs386833804 G C,T . . RS=rs386833804;Source=dbsnp
NC_000014.9 22774018 rs386833803 GG G . . RS=rs386833803;Source=dbsnp
NC_000014.9 22774089 rs386833802 A C,G . . RS=rs386833802;Source=dbsnp
NC_000014.9 22774100 rs386833801 GGG GG . . RS=rs386833801;Source=dbsnp
NC_000014.9 22774371 rs121908678 G A,T . . RS=rs121908678;Source=dbsnp
NC_000014.9 22774411 rs386833800 AGAAAG AG . . RS=rs386833800;Source=dbsnp
NC_000014.9 22774441 rs386833799 G T . . RS=rs386833799;Source=dbsnp
NC_000014.9 22774448 rs386833798 TAGTT TAGTTTAGTT . . RS=rs386833798;Source=dbsnp
NC_000014.9 22775446 rs386833797 T A . . RS=rs386833797;Source=dbsnp
NC_000014.9 22775526 rs386833795 C T . . RS=rs386833795;Source=dbsnp
```

```
NC_000014.9 22775531 rs386833794 AAAGAAA AAA . . RS=rs386833794;Source=dbsnp
NC_000014.9 22775538 rs72552272 A C . . RS=rs72552272;Source=dbsnp
NC_000014.9 22775832 rs386833828 C A . . RS=rs386833828;Source=dbsnp
NC_000014.9 22775833 rs386833829 C A . . RS=rs386833829;Source=dbsnp
NC_000014.9 22775938 rs146582474 T A,C . . RS=rs146582474;Source=dbsnp
NC_000014.9 22776092 rs3850290 T A,C,G . . RS=rs3850290;Source=dbsnp
NC_000014.9 22776194 rs386833827 C A . . RS=rs386833827;Source=dbsnp
NC_000014.9 22776269 rs386833826 A AA . . RS=rs386833826;Source=dbsnp
NC_000014.9 22776307 rs386833825 A G . . RS=rs386833825;Source=dbsnp
NC_000014.9 22778810 rs386833824 C A,G . . RS=rs386833824;Source=dbsnp
NC_000014.9 22778837 rs121908679 C T . . RS=rs121908679;Source=dbsnp
NC_000014.9 22778850 rs386833823 G A,C . . RS=rs386833823;Source=dbsnp
NC_000014.9 22778903 rs1805061 A G . . RS=rs1805061;Source=dbsnp
NC_000014.9 22779374 rs12888930 C T . . RS=rs12888930;Source=dbsnp
NC_000014.9 22779925 rs386833822 C G,T . . RS=rs386833822;Source=dbsnp
NC_000014.9 22779929 rs386833821 G A . . RS=rs386833821;Source=dbsnp
NC_000014.9 22779980 rs386833820 T C . . RS=rs386833820;Source=dbsnp
NC_000014.9 22779988 rs386833819 G A . . RS=rs386833819;Source=dbsnp
NC_000014.9 22780006 rs386833818 A AA . . RS=rs386833818;Source=dbsnp
NC_000014.9 22780330 rs12433985 A C,G,T . . RS=rs12433985;Source=dbsnp
NC_000014.9 22787413 rs2146232 G A,C . . RS=rs2146232;Source=dbsnp
NC_000014.9 22788107 rs12436190 A G,T . . RS=rs12436190;Source=dbsnp
NC_000014.9 22788980 rs2065134 T C,G . . RS=rs2065134;Source=dbsnp
NC_000014.9 22801187 rs6572770 T A,C . . RS=rs6572770;Source=dbsnp
NC_000014.9 22812899 rs386833817 C T . . RS=rs386833817;Source=dbsnp
NC_000014.9 22812945 rs386833816 A G . . RS=rs386833816;Source=dbsnp
NC_000014.9 22812981 rs386833815 C G . . RS=rs386833815;Source=dbsnp
NC_000014.9 22813028 rs386833814 A G . . RS=rs386833814;Source=dbsnp
NC_000014.9 22813144 rs386833813 AAA A . . RS=rs386833813;Source=dbsnp
NC_000014.9 22813181 rs386833812 AGAGAGAGA AGAGA . . RS=rs386833812;Source=dbsnp
NC_000014.9 22813238 rs121908677 C A . . RS=rs121908677;Source=dbsnp
NC_000014.9 22813241 rs386833793 G A . . RS=rs386833793;Source=dbsnp
NC_000014.9 22813250 rs386833811 A G,T . . RS=rs386833811;Source=dbsnp
NC_000014.9 22813291 rs386833796 CTCCT CT . . RS=rs386833796;Source=dbsnp
NC_000014.9 22813385 rs386833792 G A . . RS=rs386833792;Source=dbsnp
NC_000014.9 22813398 rs121908676 T G . . RS=rs121908676;Source=dbsnp
NC_000014.9 22834885 rs3751488 G A . . RS=rs3751488;Source=dbsnp
NC_000014.9 22835063 rs17211964 G C . . RS=rs17211964;Source=dbsnp
NC_000014.9 22836440 rs1004030 T C . . RS=rs1004030;Source=dbsnp
NC_000014.9 22836454 rs1003349 G C,T . . RS=rs1003349;Source=dbsnp
NC_000014.9 22836839 rs1042703 C A,T . . RS=rs1042703;Source=dbsnp
NC_000014.9 22836867 rs587777039 C G . . RS=rs587777039;Source=dbsnp
NC_000014.9 22843345 rs2236302 C A,G . . RS=rs2236302;Source=dbsnp
NC_000014.9 22843385 rs1042704 G A,C . . RS=rs1042704;Source=dbsnp
NC_000014.9 22843420 rs757044765 C A,G,T . . RS=rs757044765;Source=dbsnp
NC_000014.9 22843509 rs2236303 C T . . RS=rs2236303;Source=dbsnp
NC_000014.9 22843654 rs2236304 C G . . RS=rs2236304;Source=dbsnp
NC_000014.9 22843714 rs2236307 T A,C,G . . RS=rs2236307;Source=dbsnp
```

```
NC_000014.9 22844771 rs3751489 G A . . RS=rs3751489;Source=dbsnp
NC_000014.9 22846122 rs743257 T C . . RS=rs743257;Source=dbsnp
NC_000014.9 22893419 rs1543505 G A . . RS=rs1543505;Source=dbsnp
NC_000014.9 22898976 rs1570342 C A,G,T . . RS=rs1570342;Source=dbsnp
NC_000014.9 22900085 rs3811187 C A,G . . RS=rs3811187;Source=dbsnp
NC_000014.9 22900988 rs7469 G A,C . . RS=rs7469;Source=dbsnp
NC_000014.9 22905653 rs2295682 C A,G,T . . RS=rs2295682;Source=dbsnp
NC_000014.9 22918376 rs34344888 A C,G . . RS=rs34344888;Source=dbsnp
NC_000014.9 22919117 rs1951119 A C,G . . RS=rs1951119;Source=dbsnp
NC_000014.9 22956973 rs2273626 C A,T . . RS=rs2273626;Source=dbsnp
NC_000014.9 22971195 rs2180834 G A . . RS=rs2180834;Source=dbsnp
NC_000014.9 22978132 rs6572891 G A . . RS=rs6572891;Source=dbsnp
NC_000014.9 22995273 rs997154 G A . . RS=rs997154;Source=dbsnp
NC_000014.9 23013731 rs12590429 G A . . RS=rs12590429;Source=dbsnp
NC_000014.9 23025778 rs941717 T C . . RS=rs941717;Source=dbsnp
NC_000014.9 23025839 rs941718 T C . . RS=rs941718;Source=dbsnp
NC_000014.9 23034812 rs11543947 G A . . RS=rs11543947;Source=dbsnp
NC_000014.9 23035574 rs8020463 A G . . RS=rs8020463;Source=dbsnp
NC_000014.9 23042370 rs34457782 G A . . RS=rs34457782;Source=dbsnp
NC_000014.9 23080076 rs3751501 G A,C . . RS=rs3751501;Source=dbsnp
NC_000014.9 23096934 rs3759607 A G . . RS=rs3759607;Source=dbsnp
NC_000014.9 23108725 rs8007237 C G,T . . RS=rs8007237;Source=dbsnp
NC_000014.9 23109694 rs56031127 C G,T . . RS=rs56031127;Source=dbsnp
NC_000014.9 23116124 rs4982731 C G,T . . RS=rs4982731;Source=dbsnp
NC_000014.9 23116809 rs8015478 A C,T . . RS=rs8015478;Source=dbsnp
NC_000014.9 23119433 rs12434881 G A . . RS=rs12434881;Source=dbsnp
NC_000014.9 23119522 rs2239635 G A,C . . RS=rs2239635;Source=dbsnp
NC_000014.9 23119848 rs2239633 G A . . RS=rs2239633;Source=dbsnp
NC_000014.9 23120140 rs2239630 A C,G . . RS=rs2239630;Source=dbsnp
NC_000014.9 23128068 rs34691153 G GT . . RS=rs34691153;Source=dbsnp
NC_000014.9 23147985 rs12588118 G A,C,T . . RS=rs12588118;Source=dbsnp
NC_000014.9 23162163 rs59358210 G A,C . . RS=rs59358210;Source=dbsnp
NC_000014.9 23183499 rs12879346 T A,C . . RS=rs12879346;Source=dbsnp
NC_000014.9 23275723 rs1055061 C T . . RS=rs1055061;Source=dbsnp
NC_000014.9 23276324 rs10131813 C G,T . . RS=rs10131813;Source=dbsnp
NC_000014.9 23277060 rs1057119 C G,T . . RS=rs1057119;Source=dbsnp
NC_000014.9 23297382 rs1884056 G A,T . . RS=rs1884056;Source=dbsnp
NC_000014.9 23309489 rs1950252 A C,G,T . . RS=rs1950252;Source=dbsnp
NC_000014.9 23310668 rs3210043 C A . . RS=rs3210043;Source=dbsnp
NC_000014.9 23321472 rs193922941 GGCGGCGGCGGCGGCGGCGGC GGCGGC,GGCGGCGGCGGC,GGCGGCGGCGGCGGC,GG
. . RS=rs193922941;Source=dbsnp
NC_000014.9 23321504 rs104894466 G C . . RS=rs104894466;Source=dbsnp
NC_000014.9 23343028 rs12882406 G C . . RS=rs12882406;Source=dbsnp
NC_000014.9 23345360 rs4982753 C A,T . . RS=rs4982753;Source=dbsnp
NC_000014.9 23345786 rs11625724 A T . . RS=rs11625724;Source=dbsnp
NC_000014.9 23347789 rs12896494 T C,G . . RS=rs12896494;Source=dbsnp
NC_000014.9 23351101 rs74704321 A G . . RS=rs74704321;Source=dbsnp
NC_000014.9 23352152 rs72542466 G A,C . . RS=rs72542466;Source=dbsnp
```

```
NC_000014.9 23353474 rs12433202 G A,C . . RS=rs12433202;Source=dbsnp
NC_000014.9 23354704 rs7148564 T A . . RS=rs7148564;Source=dbsnp
NC_000014.9 23354905 rs7142405 G A . . RS=rs7142405;Source=dbsnp
NC_000014.9 23355327 rs10162489 C G,T . . RS=rs10162489;Source=dbsnp
NC_000014.9 23355590 rs80293125 C A,T . . RS=rs80293125;Source=dbsnp
NC_000014.9 23357583 rs2231811 G A . . RS=rs2231811;Source=dbsnp
NC_000014.9 23360281 rs2231801 C T . . RS=rs2231801;Source=dbsnp
NC_000014.9 23361968 rs2284652 C A,T . . RS=rs2284652;Source=dbsnp
NC_000014.9 23373530 rs10143597 G C,T . . RS=rs10143597;Source=dbsnp
NC_000014.9 23375770 rs1124053 C A,T . . RS=rs1124053;Source=dbsnp
NC_000014.9 23376035 rs3811178 G A,C . . RS=rs3811178;Source=dbsnp
NC_000014.9 23379102 rs723840 C T . . RS=rs723840;Source=dbsnp
NC_000014.9 23382032 rs201560522 A G . . RS=rs201560522;Source=dbsnp
NC_000014.9 23382489 rs373076710 G A . . RS=rs373076710;Source=dbsnp
NC_000014.9 23382524 rs397516778 C G . . RS=rs397516778;Source=dbsnp
NC_000014.9 23382568 rs183733802 G A,T . . RS=rs183733802;Source=dbsnp
NC_000014.9 23383288 rs17091278 T C . . RS=rs17091278;Source=dbsnp
NC_000014.9 23384420 rs8006357 T C . . RS=rs8006357;Source=dbsnp
NC_000014.9 23384493 rs727503232 C A,T . . RS=rs727503232;Source=dbsnp
NC_000014.9 23384522 rs727504626 C G . . RS=rs727504626;Source=dbsnp
NC_000014.9 23384532 rs79143968 C G,T . . RS=rs79143968;Source=dbsnp
NC_000014.9 23384549 rs111473291 G A,C . . RS=rs111473291;Source=dbsnp
NC_000014.9 23384568 rs200854143 C T . . RS=rs200854143;Source=dbsnp
NC_000014.9 23384607 rs144329079 G A,C . . RS=rs144329079;Source=dbsnp
NC_000014.9 23384711 rs397516776 T C . . RS=rs397516776;Source=dbsnp
NC_000014.9 23384714 rs397516775 C T . . RS=rs397516775;Source=dbsnp
NC_000014.9 23384946 rs8004990 G A,C . . RS=rs8004990;Source=dbsnp
NC_000014.9 23385063 rs178637 T C . . RS=rs178637;Source=dbsnp
NC_000014.9 23385951 rs140651265 G A,T . . RS=rs140651265;Source=dbsnp
NC_000014.9 23385955 rs397516774 G A,C,T . . RS=rs397516774;Source=dbsnp
NC_000014.9 23385956 rs201383498 C A . . RS=rs201383498;Source=dbsnp
NC_000014.9 23385979 rs150450178 C T . . RS=rs150450178;Source=dbsnp
NC_000014.9 23385990 rs765737102 G A . . RS=rs765737102;Source=dbsnp
NC_000014.9 23386002 rs727503233 T C . . RS=rs727503233;Source=dbsnp
NC_000014.9 23386019 rs727504502 C A,T . . RS=rs727504502;Source=dbsnp
NC_000014.9 23386029 rs727504739 C T . . RS=rs727504739;Source=dbsnp
NC_000014.9 23386072 rs397516773 G A,T . . RS=rs397516773;Source=dbsnp
NC_000014.9 23386105 rs77416370 C T . . RS=rs77416370;Source=dbsnp
NC_000014.9 23386111 rs382872 G A,C . . RS=rs382872;Source=dbsnp
NC_000014.9 23386140 rs557113705 C T . . RS=rs557113705;Source=dbsnp
NC_000014.9 23386148 rs28730764 T A . . RS=rs28730764;Source=dbsnp
NC_000014.9 23386269 rs396024 C G,T . . RS=rs396024;Source=dbsnp
NC_000014.9 23386302 rs28730765 C T . . RS=rs28730765;Source=dbsnp
NC_000014.9 23386303 rs371661383 G A,C . . RS=rs371661383;Source=dbsnp
NC_000014.9 23386360 rs178640 A G . . RS=rs178640;Source=dbsnp
NC_000014.9 23386368 rs149460065 G A . . RS=rs149460065;Source=dbsnp
NC_000014.9 23386369 rs143048583 G A . . RS=rs143048583;Source=dbsnp
NC_000014.9 23386375 rs61742474 G A . . RS=rs61742474;Source=dbsnp
```

```
NC_000014.9 23386436 rs61742476 A G . . RS=rs61742476;Source=dbsnp
NC_000014.9 23386446 rs780726611 G A,T . . RS=rs780726611;Source=dbsnp
NC_000014.9 23386452 rs201683868 G A,C . . RS=rs201683868;Source=dbsnp
NC_000014.9 23386492 rs142823394 C T . . RS=rs142823394;Source=dbsnp
NC_000014.9 23386496 rs45574136 T A . . RS=rs45574136;Source=dbsnp
NC_000014.9 23386502 rs200751434 T C . . RS=rs200751434;Source=dbsnp
NC_000014.9 23386527 rs397516771 C T . . RS=rs397516771;Source=dbsnp
NC_000014.9 23386635 rs193922653 T G . . RS=rs193922653;Source=dbsnp
NC_000014.9 23386640 rs2071634 C G,T . . RS=rs2071634;Source=dbsnp
NC_000014.9 23387172 rs12893772 A C . . RS=rs12893772;Source=dbsnp
NC_000014.9 23387568 rs142983918 C T . . RS=rs142983918;Source=dbsnp
NC_000014.9 23387584 rs34330111 C A,T . . RS=rs34330111;Source=dbsnp
NC_000014.9 23387585 rs201827489 G A,C . . RS=rs201827489;Source=dbsnp
NC_000014.9 23387643 rs142539180 C G,T . . RS=rs142539180;Source=dbsnp
NC_000014.9 23387652 rs34855944 C T . . RS=rs34855944;Source=dbsnp
NC_000014.9 23387687 rs178642 A G . . RS=rs178642;Source=dbsnp
NC_000014.9 23387745 rs397516770 A G,T . . RS=rs397516770;Source=dbsnp
NC_000014.9 23387778 rs199936506 C T . . RS=rs199936506;Source=dbsnp
NC_000014.9 23387813 rs727504964 G A . . RS=rs727504964;Source=dbsnp
NC_000014.9 23387854 rs201989347 G A,C . . RS=rs201989347;Source=dbsnp
NC_000014.9 23387867 rs140800076 T C,G . . RS=rs140800076;Source=dbsnp
NC_000014.9 23387882 rs150081280 A C,G,T . . RS=rs150081280;Source=dbsnp
NC_000014.9 23387888 rs74039310 C G,T . . RS=rs74039310;Source=dbsnp
NC_000014.9 23387914 rs267606905 C A,T . . RS=rs267606905;Source=dbsnp
NC_000014.9 23387930 rs58949384 G A,C . . RS=rs58949384;Source=dbsnp
NC_000014.9 23388142 rs8022522 G A,C . . RS=rs8022522;Source=dbsnp
NC_000014.9 23388147 rs188675676 T G . . RS=rs188675676;Source=dbsnp
NC_000014.9 23388150 rs193283041 T C . . RS=rs193283041;Source=dbsnp
NC_000014.9 23388186 rs727503234 G T . . RS=rs727503234;Source=dbsnp
NC_000014.9 23388194 rs145566711 A T . . RS=rs145566711;Source=dbsnp
NC_000014.9 23388207 rs142556730 C T . . RS=rs142556730;Source=dbsnp
NC_000014.9 23388214 rs397516769 C T . . RS=rs397516769;Source=dbsnp
NC_000014.9 23388221 rs201016285 C T . . RS=rs201016285;Source=dbsnp
NC_000014.9 23388307 rs769398160 C A,T . . RS=rs769398160;Source=dbsnp
NC_000014.9 23388308 rs111638554 G A,C . . RS=rs111638554;Source=dbsnp
NC_000014.9 23388321 rs150815925 C T . . RS=rs150815925;Source=dbsnp
NC_000014.9 23388344 rs760780588 C A . . RS=rs760780588;Source=dbsnp
NC_000014.9 23388858 rs727505128 C G . . RS=rs727505128;Source=dbsnp
NC_000014.9 23388869 rs397516768 C T . . RS=rs397516768;Source=dbsnp
NC_000014.9 23388897 rs372158844 C A,T . . RS=rs372158844;Source=dbsnp
NC_000014.9 23388898 rs145611185 G A,T . . RS=rs145611185;Source=dbsnp
NC_000014.9 23388909 rs876657518 G C . . RS=rs876657518;Source=dbsnp
NC_000014.9 23388952 rs533942127 C T . . RS=rs533942127;Source=dbsnp
NC_000014.9 23388970 rs397516767 G A . . RS=rs397516767;Source=dbsnp
NC_000014.9 23388998 rs372736126 G A . . RS=rs372736126;Source=dbsnp
NC_000014.9 23389008 rs141062252 G A,T . . RS=rs141062252;Source=dbsnp
NC_000014.9 23389023 rs451794 C T . . RS=rs451794;Source=dbsnp
NC_000014.9 23389039 rs876657876 G A . . RS=rs876657876;Source=dbsnp
```

```
NC_000014.9 23389046 rs757840030 C T . . RS=rs757840030;Source=dbsnp
NC_000014.9 23389060 rs397516764 GGAGG GG . . RS=rs397516764;Source=dbsnp
NC_000014.9 23389061 rs796313537 GAG G,GAGAG . . RS=rs796313537;Source=dbsnp
NC_000014.9 23389062 rs796876119 AGG GC . . RS=rs796876119;Source=dbsnp
NC_000014.9 23389062 rs727503235 AG GC . . RS=rs727503235;Source=dbsnp
NC_000014.9 23389062 rs397516766 GA G . . RS=rs397516766;Source=dbsnp
NC_000014.9 23389062 rs545343612 A AA,GC . . RS=rs545343612;Source=dbsnp
NC_000014.9 23389063 rs193922652 GGGGGGGGGG GGGGGGG,GGGGGGGG,GGGGGGGGG,GGGGGGGGGG,GGGGGGGGG
. . RS=rs193922652;Source=dbsnp
NC_000014.9 23389385 rs367866050 G A . . RS=rs367866050;Source=dbsnp
NC_000014.9 23389444 rs115742584 A G . . RS=rs115742584;Source=dbsnp
NC_000014.9 23389468 rs201804323 C G,T . . RS=rs201804323;Source=dbsnp
NC_000014.9 23389488 rs34935550 C G,T . . RS=rs34935550;Source=dbsnp
NC_000014.9 23389526 rs200883903 A C . . RS=rs200883903;Source=dbsnp
NC_000014.9 23389595 rs772586397 T A . . RS=rs772586397;Source=dbsnp
NC_000014.9 23389635 rs200503588 T A . . RS=rs200503588;Source=dbsnp
NC_000014.9 23389665 rs375819633 C A,T . . RS=rs375819633;Source=dbsnp
NC_000014.9 23389668 rs397516763 G A . . RS=rs397516763;Source=dbsnp
NC_000014.9 23389694 rs201051663 G A . . RS=rs201051663;Source=dbsnp
NC_000014.9 23390162 rs147871745 G A . . RS=rs147871745;Source=dbsnp
NC_000014.9 23390170 rs397516762 C T . . RS=rs397516762;Source=dbsnp
NC_000014.9 23390180 rs149369904 G A,C . . RS=rs149369904;Source=dbsnp
NC_000014.9 23390216 rs727505358 G A . . RS=rs727505358;Source=dbsnp
NC_000014.9 23390281 rs727503236 C T . . RS=rs727503236;Source=dbsnp
NC_000014.9 23390309 rs373345984 G A,T . . RS=rs373345984;Source=dbsnp
NC_000014.9 23390341 rs760399050 C G,T . . RS=rs760399050;Source=dbsnp
NC_000014.9 23390352 rs397516761 T TT . . RS=rs397516761;Source=dbsnp
NC_000014.9 23390361 rs543585784 C A,T . . RS=rs543585784;Source=dbsnp
NC_000014.9 23390381 rs28730770 C T . . RS=rs28730770;Source=dbsnp
NC_000014.9 23390392 rs773660161 T G . . RS=rs773660161;Source=dbsnp
NC_000014.9 23390396 rs529107714 C T . . RS=rs529107714;Source=dbsnp
NC_000014.9 23390401 rs28730771 C A,G,T . . RS=rs28730771;Source=dbsnp
NC_000014.9 23390406 rs376002621 C T . . RS=rs376002621;Source=dbsnp
NC_000014.9 23390407 rs727505211 G A . . RS=rs727505211;Source=dbsnp
NC_000014.9 23390420 rs876657517 C T . . RS=rs876657517;Source=dbsnp
NC_000014.9 23390443 rs372446459 G A,T . . RS=rs372446459;Source=dbsnp
NC_000014.9 23390449 rs565446762 G T . . RS=rs565446762;Source=dbsnp
NC_000014.9 23391499 rs17091434 G T . . RS=rs17091434;Source=dbsnp
NC_000014.9 23392552 rs552662475 A C,G . . RS=rs552662475;Source=dbsnp
NC_000014.9 23392580 rs727505164 C A,T . . RS=rs727505164;Source=dbsnp
NC_000014.9 23392601 rs143825034 C G,T . . RS=rs143825034;Source=dbsnp
NC_000014.9 23392602 rs365990 A G . . RS=rs365990;Source=dbsnp
NC_000014.9 23392607 rs144957142 C T . . RS=rs144957142;Source=dbsnp
NC_000014.9 23392619 rs864309578 C A,T . . RS=rs864309578;Source=dbsnp
NC_000014.9 23392943 rs375169402 C A,T . . RS=rs375169402;Source=dbsnp
NC_000014.9 23392964 rs145508517 T C . . RS=rs145508517;Source=dbsnp
NC_000014.9 23392968 rs267606904 C G . . RS=rs267606904;Source=dbsnp
NC_000014.9 23392970 rs863225269 GGG GGGG . . RS=rs863225269;Source=dbsnp
```

```
NC_000014.9 23392982 rs727503237 G T . . RS=rs727503237;Source=dbsnp
NC_000014.9 23393045 rs368497504 G A . . RS=rs368497504;Source=dbsnp
NC_000014.9 23393437 rs143978652 C A,T . . RS=rs143978652;Source=dbsnp
NC_000014.9 23393467 rs727503238 G T . . RS=rs727503238;Source=dbsnp
NC_000014.9 23393501 rs145274612 C T . . RS=rs145274612;Source=dbsnp
NC_000014.9 23393661 rs28730772 C T . . RS=rs28730772;Source=dbsnp
NC_000014.9 23393704 rs144907522 C A . . RS=rs144907522;Source=dbsnp
NC_000014.9 23393788 rs141704264 C A,T . . RS=rs141704264;Source=dbsnp
NC_000014.9 23393789 rs757958461 G A . . RS=rs757958461;Source=dbsnp
NC_000014.9 23394139 rs201193346 G A . . RS=rs201193346;Source=dbsnp
NC_000014.9 23394142 rs376682837 G A,C . . RS=rs376682837;Source=dbsnp
NC_000014.9 23394154 rs397516759 T C . . RS=rs397516759;Source=dbsnp
NC_000014.9 23394162 rs200153625 G A . . RS=rs200153625;Source=dbsnp
NC_000014.9 23394174 rs115845031 C A,T . . RS=rs115845031;Source=dbsnp
NC_000014.9 23394178 rs369274077 C A,T . . RS=rs369274077;Source=dbsnp
NC_000014.9 23394264 rs267606906 G A . . RS=rs267606906;Source=dbsnp
NC_000014.9 23394289 rs138419275 C T . . RS=rs138419275;Source=dbsnp
NC_000014.9 23394294 rs267606903 A T . . RS=rs267606903;Source=dbsnp
NC_000014.9 23394337 rs190342289 G A . . RS=rs190342289;Source=dbsnp
NC_000014.9 23396270 rs200817451 T G . . RS=rs200817451;Source=dbsnp
NC_000014.9 23396312 rs75487328 T A,C . . RS=rs75487328;Source=dbsnp
NC_000014.9 23396329 rs267606907 C T . . RS=rs267606907;Source=dbsnp
NC_000014.9 23396345 rs764284030 T A,C . . RS=rs764284030;Source=dbsnp
NC_000014.9 23396432 rs115453571 G A,C . . RS=rs115453571;Source=dbsnp
NC_000014.9 23396676 rs452036 G A,C . . RS=rs452036;Source=dbsnp
NC_000014.9 23396780 rs201411075 G C,T . . RS=rs201411075;Source=dbsnp
NC_000014.9 23396787 rs727505290 A G . . RS=rs727505290;Source=dbsnp
NC_000014.9 23396970 rs387906656 G A . . RS=rs387906656;Source=dbsnp
NC_000014.9 23396980 rs76202964 G A . . RS=rs76202964;Source=dbsnp
NC_000014.9 23397034 rs149734381 G A,C . . RS=rs149734381;Source=dbsnp
NC_000014.9 23397045 rs778886029 G A . . RS=rs778886029;Source=dbsnp
NC_000014.9 23397060 rs148915045 C T . . RS=rs148915045;Source=dbsnp
NC_000014.9 23397231 rs28730774 G A . . RS=rs28730774;Source=dbsnp
NC_000014.9 23397504 rs412768 A G . . RS=rs412768;Source=dbsnp
NC_000014.9 23398744 rs146591697 G A,T . . RS=rs146591697;Source=dbsnp
NC_000014.9 23398780 rs138984258 G C . . RS=rs138984258;Source=dbsnp
NC_000014.9 23398810 rs186134696 G A . . RS=rs186134696;Source=dbsnp
NC_000014.9 23398840 rs190996339 G T . . RS=rs190996339;Source=dbsnp
NC_000014.9 23398856 rs142992009 T C,G . . RS=rs142992009;Source=dbsnp
NC_000014.9 23398866 rs150415679 C T . . RS=rs150415679;Source=dbsnp
NC_000014.9 23398903 rs786205354 CCCC CCCCC . . RS=rs786205354;Source=dbsnp
NC_000014.9 23398917 rs149650190 G A . . RS=rs149650190;Source=dbsnp
NC_000014.9 23398991 rs367663906 T C . . RS=rs367663906;Source=dbsnp
NC_000014.9 23399044 rs374941865 G A . . RS=rs374941865;Source=dbsnp
NC_000014.9 23399076 rs439735 G A . . RS=rs439735;Source=dbsnp
NC_000014.9 23400302 rs397516756 A G . . RS=rs397516756;Source=dbsnp
NC_000014.9 23400388 rs145447555 G A,T . . RS=rs145447555;Source=dbsnp
NC_000014.9 23400412 rs397516755 C G . . RS=rs397516755;Source=dbsnp
```

```
NC_000014.9 23400709 rs139886074 G A . . RS=rs139886074;Source=dbsnp
NC_000014.9 23400772 rs142059069 C A . . RS=rs142059069;Source=dbsnp
NC_000014.9 23400783 rs556536964 C T . . RS=rs556536964;Source=dbsnp
NC_000014.9 23400784 rs61731179 G A . . RS=rs61731179;Source=dbsnp
NC_000014.9 23400791 rs202096001 C A,G,T . . RS=rs202096001;Source=dbsnp
NC_000014.9 23400844 rs61742470 G A . . RS=rs61742470;Source=dbsnp
NC_000014.9 23400867 rs147606900 C T . . RS=rs147606900;Source=dbsnp
NC_000014.9 23400916 rs786205484 G A,T . . RS=rs786205484;Source=dbsnp
NC_000014.9 23400965 rs778319108 G A . . RS=rs778319108;Source=dbsnp
NC_000014.9 23402456 rs377327277 C A,G . . RS=rs377327277;Source=dbsnp
NC_000014.9 23402473 rs148962966 C T . . RS=rs148962966;Source=dbsnp
NC_000014.9 23402474 rs61742472 G A,C . . RS=rs61742472;Source=dbsnp
NC_000014.9 23402483 rs148091079 C T . . RS=rs148091079;Source=dbsnp
NC_000014.9 23402493 rs397516754 T C . . RS=rs397516754;Source=dbsnp
NC_000014.9 23402522 rs138928022 C A,G . . RS=rs138928022;Source=dbsnp
NC_000014.9 23402534 rs58131640 G A . . RS=rs58131640;Source=dbsnp
NC_000014.9 23402688 rs727504680 C T . . RS=rs727504680;Source=dbsnp
NC_000014.9 23402697 rs371859345 A T . . RS=rs371859345;Source=dbsnp
NC_000014.9 23402700 rs78107039 G A . . RS=rs78107039;Source=dbsnp
NC_000014.9 23402718 rs148407931 G A . . RS=rs148407931;Source=dbsnp
NC_000014.9 23402771 rs374692396 C T . . RS=rs374692396;Source=dbsnp
NC_000014.9 23402790 rs17091623 C T . . RS=rs17091623;Source=dbsnp
NC_000014.9 23403367 rs752600386 G A,C . . RS=rs752600386;Source=dbsnp
NC_000014.9 23403415 rs140660481 C A . . RS=rs140660481;Source=dbsnp
NC_000014.9 23403422 rs201327273 A C,T . . RS=rs201327273;Source=dbsnp
NC_000014.9 23403451 rs727505228 G A . . RS=rs727505228;Source=dbsnp
NC_000014.9 23403457 rs434273 T A,C,G . . RS=rs434273;Source=dbsnp
NC_000014.9 23403701 rs727505139 C G . . RS=rs727505139;Source=dbsnp
NC_000014.9 23403787 rs748594445 G A,T . . RS=rs748594445;Source=dbsnp
NC_000014.9 23404299 rs397516779 G A,C . . RS=rs397516779;Source=dbsnp
NC_000014.9 23404300 rs200645920 C T . . RS=rs200645920;Source=dbsnp
NC_000014.9 23404352 rs201828188 C T . . RS=rs201828188;Source=dbsnp
NC_000014.9 23404393 rs199859986 G A . . RS=rs199859986;Source=dbsnp
NC_000014.9 23404731 rs142027794 C T . . RS=rs142027794;Source=dbsnp
NC_000014.9 23404785 rs397516777 G A . . RS=rs397516777;Source=dbsnp
NC_000014.9 23405240 rs397516772 T C . . RS=rs397516772;Source=dbsnp
NC_000014.9 23405298 rs2277473 G A,C,T . . RS=rs2277473;Source=dbsnp
NC_000014.9 23405304 rs776853139 C T . . RS=rs776853139;Source=dbsnp
NC_000014.9 23405314 rs2277474 C T . . RS=rs2277474;Source=dbsnp
NC_000014.9 23405326 rs78891557 C T . . RS=rs78891557;Source=dbsnp
NC_000014.9 23405332 rs17277970 C T . . RS=rs17277970;Source=dbsnp
NC_000014.9 23405381 rs141187241 T C . . RS=rs141187241;Source=dbsnp
NC_000014.9 23405642 rs77679218 C T . . RS=rs77679218;Source=dbsnp
NC_000014.9 23405644 rs397516760 C T . . RS=rs397516760;Source=dbsnp
NC_000014.9 23405675 rs751088892 G A . . RS=rs751088892;Source=dbsnp
NC_000014.9 23405680 rs140596256 C G,T . . RS=rs140596256;Source=dbsnp
NC_000014.9 23405719 rs397516758 C T . . RS=rs397516758;Source=dbsnp
NC_000014.9 23405720 rs397516757 G A . . RS=rs397516757;Source=dbsnp
```

```
NC_000014.9 23405727 rs529427223 G A . . RS=rs529427223;Source=dbsnp
NC_000014.9 23405782 rs566157802 G A . . RS=rs566157802;Source=dbsnp
NC_000014.9 23407007 rs7147244 G A,C . . RS=rs7147244;Source=dbsnp
NC_000014.9 23407058 rs28711516 C T . . RS=rs28711516;Source=dbsnp
NC_000014.9 23407063 rs727503239 C T . . RS=rs727503239;Source=dbsnp
NC_000014.9 23407103 rs201161721 C T . . RS=rs201161721;Source=dbsnp
NC_000014.9 23407109 rs142850511 C T . . RS=rs142850511;Source=dbsnp
NC_000014.9 23407120 rs876657875 G C . . RS=rs876657875;Source=dbsnp
NC_000014.9 23407138 rs150574114 C G,T . . RS=rs150574114;Source=dbsnp
NC_000014.9 23407154 rs573489857 G T . . RS=rs573489857;Source=dbsnp
NC_000014.9 23407188 rs141014719 C T . . RS=rs141014719;Source=dbsnp
NC_000014.9 23407228 rs183611755 G A,T . . RS=rs183611755;Source=dbsnp
NC_000014.9 23408608 rs405433 A C . . RS=rs405433;Source=dbsnp
NC_000014.9 23412711 rs12147570 G T . . RS=rs12147570;Source=dbsnp
NC_000014.9 23412741 rs17794387 C T . . RS=rs17794387;Source=dbsnp
NC_000014.9 23412831 rs786204386 G A . . RS=rs786204386;Source=dbsnp
NC_000014.9 23412834 rs45548631 C T . . RS=rs45548631;Source=dbsnp
NC_000014.9 23412855 rs367543053 T C . . RS=rs367543053;Source=dbsnp
NC_000014.9 23412935 rs2284651 T C . . RS=rs2284651;Source=dbsnp
NC_000014.9 23412977 rs7149517 T C,G . . RS=rs7149517;Source=dbsnp
NC_000014.9 23413762 rs397516257 C G,T . . RS=rs397516257;Source=dbsnp
NC_000014.9 23413763 rs730880918 G A . . RS=rs730880918;Source=dbsnp
NC_000014.9 23413778 rs786204385 C A . . RS=rs786204385;Source=dbsnp
NC_000014.9 23413787 rs397516256 C A,G,T . . RS=rs397516256;Source=dbsnp
NC_000014.9 23413800 rs397516255 C A . . RS=rs397516255;Source=dbsnp
NC_000014.9 23413809 rs397516254 C T . . RS=rs397516254;Source=dbsnp
NC_000014.9 23413810 rs200921000 G A,C . . RS=rs200921000;Source=dbsnp
NC_000014.9 23413813 rs200728597 G A . . RS=rs200728597;Source=dbsnp
NC_000014.9 23413823 rs397516253 C G,T . . RS=rs397516253;Source=dbsnp
NC_000014.9 23413824 rs146796870 G A,T . . RS=rs146796870;Source=dbsnp
NC_000014.9 23413831 rs45523233 T G . . RS=rs45523233;Source=dbsnp
NC_000014.9 23413832 rs397516252 G C . . RS=rs397516252;Source=dbsnp
NC_000014.9 23413845 rs187073962 C G,T . . RS=rs187073962;Source=dbsnp
NC_000014.9 23413846 rs45570635 G A,C . . RS=rs45570635;Source=dbsnp
NC_000014.9 23413847 rs121913649 T A . . RS=rs121913649;Source=dbsnp
NC_000014.9 23413859 rs727503240 C T . . RS=rs727503240;Source=dbsnp
NC_000014.9 23413889 rs375404554 T C . . RS=rs375404554;Source=dbsnp
NC_000014.9 23413897 rs397516250 C G,T . . RS=rs397516250;Source=dbsnp
NC_000014.9 23413898 rs200231434 G A . . RS=rs200231434;Source=dbsnp
NC_000014.9 23413901 rs397516251 A C . . RS=rs397516251;Source=dbsnp
NC_000014.9 23413975 rs3729833 C T . . RS=rs3729833;Source=dbsnp
NC_000014.9 23413986 rs3729499 G A . . RS=rs3729499;Source=dbsnp
NC_000014.9 23414015 rs121913652 C T . . RS=rs121913652;Source=dbsnp
NC_000014.9 23414056 rs730880824 T C . . RS=rs730880824;Source=dbsnp
NC_000014.9 23414074 rs45520836 C T . . RS=rs45520836;Source=dbsnp
NC_000014.9 23414100 rs368706722 C T . . RS=rs368706722;Source=dbsnp
NC_000014.9 23414101 rs372381770 G A . . RS=rs372381770;Source=dbsnp
NC_000014.9 23414176 rs191169011 G A . . RS=rs191169011;Source=dbsnp
```

```
NC_000014.9 23414251 rs786204384 C A . . RS=rs786204384;Source=dbsnp
NC_000014.9 23414984 rs565014760 G A . . RS=rs565014760;Source=dbsnp
NC_000014.9 23414986 rs727503241 C T . . RS=rs727503241;Source=dbsnp
NC_000014.9 23414987 rs377473156 C T . . RS=rs377473156;Source=dbsnp
NC_000014.9 23414991 rs727504319 G A . . RS=rs727504319;Source=dbsnp
NC_000014.9 23415021 rs28933098 G A,T . . RS=rs28933098;Source=dbsnp
NC_000014.9 23415027 rs200157204 T C . . RS=rs200157204;Source=dbsnp
NC_000014.9 23415035 rs149193520 A G . . RS=rs149193520;Source=dbsnp
NC_000014.9 23415047 rs727503242 G A,C . . RS=rs727503242;Source=dbsnp
NC_000014.9 23415051 rs758436258 C G,T . . RS=rs758436258;Source=dbsnp
NC_000014.9 23415054 rs143362532 C A,T . . RS=rs143362532;Source=dbsnp
NC_000014.9 23415055 rs3729831 G A . . RS=rs3729831;Source=dbsnp
NC_000014.9 23415060 rs201865159 G A,C . . RS=rs201865159;Source=dbsnp
NC_000014.9 23415083 rs1060499881 TTC CAT . . RS=rs1060499881;Source=dbsnp
NC_000014.9 23415096 rs145734640 G A,C,T . . RS=rs145734640;Source=dbsnp
NC_000014.9 23415102 rs763073072 G A . . RS=rs763073072;Source=dbsnp
NC_000014.9 23415133 rs142844109 G A,C,T . . RS=rs142844109;Source=dbsnp
NC_000014.9 23415145 rs779713933 G A . . RS=rs779713933;Source=dbsnp
NC_000014.9 23415153 rs397516248 C T . . RS=rs397516248;Source=dbsnp
NC_000014.9 23415154 rs556490774 G A,C,T . . RS=rs556490774;Source=dbsnp
NC_000014.9 23415155 rs730880817 G A . . RS=rs730880817;Source=dbsnp
NC_000014.9 23415157 rs200374977 T C . . RS=rs200374977;Source=dbsnp
NC_000014.9 23415174 rs587779396 GCAG G . . RS=rs587779396;Source=dbsnp
NC_000014.9 23415174 rs397516247 G C,T . . RS=rs397516247;Source=dbsnp
NC_000014.9 23415176 rs121913654 A G . . RS=rs121913654;Source=dbsnp
NC_000014.9 23415193 rs201171029 T C . . RS=rs201171029;Source=dbsnp
NC_000014.9 23415212 rs397516246 C T . . RS=rs397516246;Source=dbsnp
NC_000014.9 23415213 rs397516245 G A . . RS=rs397516245;Source=dbsnp
NC_000014.9 23415222 rs397516244 G A . . RS=rs397516244;Source=dbsnp
NC_000014.9 23415225 rs200939753 C T . . RS=rs200939753;Source=dbsnp
NC_000014.9 23415228 rs369437262 T C . . RS=rs369437262;Source=dbsnp
NC_000014.9 23415251 rs876657886 TC AT . . RS=rs876657886;Source=dbsnp
NC_000014.9 23415252 rs397516241 C T . . RS=rs397516241;Source=dbsnp
NC_000014.9 23415258 rs267606909 C A,T . . RS=rs267606909;Source=dbsnp
NC_000014.9 23415267 rs727504355 C T . . RS=rs727504355;Source=dbsnp
NC_000014.9 23415268 rs771432461 G A,T . . RS=rs771432461;Source=dbsnp
NC_000014.9 23415315 rs45468101 C A,T . . RS=rs45468101;Source=dbsnp
NC_000014.9 23415357 rs786204383 G A . . RS=rs786204383;Source=dbsnp
NC_000014.9 23415362 rs45582836 G A . . RS=rs45582836;Source=dbsnp
NC_000014.9 23415385 rs727505294 G A,T . . RS=rs727505294;Source=dbsnp
NC_000014.9 23415472 rs397516240 T A . . RS=rs397516240;Source=dbsnp
NC_000014.9 23415473 rs876657885 C T . . RS=rs876657885;Source=dbsnp
NC_000014.9 23415476 rs367543052 TCTTCTTCTTCT TCTTCTTCT,TCTTCTTCTTCTTCT
. . RS=rs367543052;Source=dbsnp
NC_000014.9 23415630 rs727504403 T C . . RS=rs727504403;Source=dbsnp
NC_000014.9 23415647 rs369562442 C T . . RS=rs369562442;Source=dbsnp
NC_000014.9 23415651 rs193922390 C G,T . . RS=rs193922390;Source=dbsnp
NC_000014.9 23415652 rs121913650 G A . . RS=rs121913650;Source=dbsnp
```

```
NC_000014.9 23415664 rs1057518857 C T . . RS=rs1057518857;Source=dbsnp
NC_000014.9 23415671 rs397516239 C T . . RS=rs397516239;Source=dbsnp
NC_000014.9 23415676 rs727504844 G A . . RS=rs727504844;Source=dbsnp
NC_000014.9 23415680 rs3729830 C A,T . . RS=rs3729830;Source=dbsnp
NC_000014.9 23415690 rs146778113 C T . . RS=rs146778113;Source=dbsnp
NC_000014.9 23415698 rs373219734 C G . . RS=rs373219734;Source=dbsnp
NC_000014.9 23415707 rs727505033 CTCCACCACGGCA TTCTTCCACGGCC . . RS=rs727505033;Source=dbsnp
NC_000014.9 23415715 rs45464193 C T . . RS=rs45464193;Source=dbsnp
NC_000014.9 23415766 rs397516234 CGATGGCGATG CGATG . . RS=rs397516234;Source=dbsnp
NC_000014.9 23415766 rs397516235 C G,T . . RS=rs397516235;Source=dbsnp
NC_000014.9 23415767 rs139518691 G A . . RS=rs139518691;Source=dbsnp
NC_000014.9 23415769 rs753907340 T A,C . . RS=rs753907340;Source=dbsnp
NC_000014.9 23415774 rs786204381 A G . . RS=rs786204381;Source=dbsnp
NC_000014.9 23415779 rs587779394 CTCCT CT . . RS=rs587779394;Source=dbsnp
NC_000014.9 23415801 rs370328209 C A,G,T . . RS=rs370328209;Source=dbsnp
NC_000014.9 23415806 rs112943492 T C,G . . RS=rs112943492;Source=dbsnp
NC_000014.9 23415812 rs374289523 G A . . RS=rs374289523;Source=dbsnp
NC_000014.9 23415832 rs397516233 C A,T . . RS=rs397516233;Source=dbsnp
NC_000014.9 23415846 rs727505070 G A,C . . RS=rs727505070;Source=dbsnp
NC_000014.9 23415987 rs376604168 C T . . RS=rs376604168;Source=dbsnp
NC_000014.9 23415991 rs373509029 T A . . RS=rs373509029;Source=dbsnp
NC_000014.9 23416020 rs587779393 A G . . RS=rs587779393;Source=dbsnp
NC_000014.9 23416046 rs151113658 G A,C . . RS=rs151113658;Source=dbsnp
NC_000014.9 23416048 rs141122361 C G,T . . RS=rs141122361;Source=dbsnp
NC_000014.9 23416051 rs587779415 C G . . RS=rs587779415;Source=dbsnp
NC_000014.9 23416057 rs397516232 G A,T . . RS=rs397516232;Source=dbsnp
NC_000014.9 23416071 rs797045730 A G . . RS=rs797045730;Source=dbsnp
NC_000014.9 23416093 rs397516231 G A . . RS=rs397516231;Source=dbsnp
NC_000014.9 23416105 rs121913648 TCTTCTTCTTC TCTTCTTC . . RS=rs121913648;Source=dbsnp
NC_000014.9 23416119 rs397516230 C T . . RS=rs397516230;Source=dbsnp
NC_000014.9 23416122 rs587779392 A G . . RS=rs587779392;Source=dbsnp
NC_000014.9 23416123 rs397516229 G A,C . . RS=rs397516229;Source=dbsnp
NC_000014.9 23416125 rs757090529 G A . . RS=rs757090529;Source=dbsnp
NC_000014.9 23416130 rs587781085 G A,C . . RS=rs587781085;Source=dbsnp
NC_000014.9 23416134 rs587779391 C A,G,T . . RS=rs587779391;Source=dbsnp
NC_000014.9 23416140 rs373514686 C T . . RS=rs373514686;Source=dbsnp
NC_000014.9 23416141 rs200530211 G A . . RS=rs200530211;Source=dbsnp
NC_000014.9 23416151 rs142034311 G A . . RS=rs142034311;Source=dbsnp
NC_000014.9 23416154 rs397516228 C T . . RS=rs397516228;Source=dbsnp
NC_000014.9 23416162 rs587779390 T G . . RS=rs587779390;Source=dbsnp
NC_000014.9 23416169 rs146858930 C G,T . . RS=rs146858930;Source=dbsnp
NC_000014.9 23416185 rs730880808 A G,T . . RS=rs730880808;Source=dbsnp
NC_000014.9 23416232 rs45476496 C T . . RS=rs45476496;Source=dbsnp
NC_000014.9 23416236 rs779715863 C T . . RS=rs779715863;Source=dbsnp
NC_000014.9 23416237 rs397516227 G A,T . . RS=rs397516227;Source=dbsnp
NC_000014.9 23416240 rs750987717 C T . . RS=rs750987717;Source=dbsnp
NC_000014.9 23416241 rs7140196 G A . . RS=rs7140196;Source=dbsnp
NC_000014.9 23416250 rs199557822 C A,G . . RS=rs199557822;Source=dbsnp
```

```
NC_000014.9 23416286 rs200601164 C T . . RS=rs200601164;Source=dbsnp
NC_000014.9 23416294 rs727505176 C G,T . . RS=rs727505176;Source=dbsnp
NC_000014.9 23416678 rs3729829 G A . . RS=rs3729829;Source=dbsnp
NC_000014.9 23416788 rs3729828 G A . . RS=rs3729828;Source=dbsnp
NC_000014.9 23416844 rs3729826 C A . . RS=rs3729826;Source=dbsnp
NC_000014.9 23416865 rs397516226 C T . . RS=rs397516226;Source=dbsnp
NC_000014.9 23416890 rs587779389 T A,G . . RS=rs587779389;Source=dbsnp
NC_000014.9 23416894 rs368734580 G A . . RS=rs368734580;Source=dbsnp
NC_000014.9 23416924 rs397516225 G A,C . . RS=rs397516225;Source=dbsnp
NC_000014.9 23416946 rs2754155 A G . . RS=rs2754155;Source=dbsnp
NC_000014.9 23416955 rs150552664 G A . . RS=rs150552664;Source=dbsnp
NC_000014.9 23416975 rs397516222 T A . . RS=rs397516222;Source=dbsnp
NC_000014.9 23416988 rs397516220 CTCCTC CTC . . RS=rs397516220;Source=dbsnp
NC_000014.9 23417017 rs45503601 G A . . RS=rs45503601;Source=dbsnp
NC_000014.9 23417055 rs3729825 C T . . RS=rs3729825;Source=dbsnp
NC_000014.9 23417157 rs397516219 C A,T . . RS=rs397516219;Source=dbsnp
NC_000014.9 23417173 rs121913647 C A,G,T . . RS=rs121913647;Source=dbsnp
NC_000014.9 23417174 rs45544633 G A . . RS=rs45544633;Source=dbsnp
NC_000014.9 23417185 rs397516218 T G . . RS=rs397516218;Source=dbsnp
NC_000014.9 23417191 rs727505329 T A . . RS=rs727505329;Source=dbsnp
NC_000014.9 23417200 rs3729823 G C . . RS=rs3729823;Source=dbsnp
NC_000014.9 23417202 rs730880911 C G . . RS=rs730880911;Source=dbsnp
NC_000014.9 23417220 rs61737803 G A . . RS=rs61737803;Source=dbsnp
NC_000014.9 23417230 rs587779414 A G . . RS=rs587779414;Source=dbsnp
NC_000014.9 23417236 rs397516217 G A . . RS=rs397516217;Source=dbsnp
NC_000014.9 23417261 rs397516216 G A . . RS=rs397516216;Source=dbsnp
NC_000014.9 23417264 rs397516215 A G . . RS=rs397516215;Source=dbsnp
NC_000014.9 23417270 rs876657884 C G,T . . RS=rs876657884;Source=dbsnp
NC_000014.9 23417273 rs397516214 G C . . RS=rs397516214;Source=dbsnp
NC_000014.9 23417277 rs397516213 C A,T . . RS=rs397516213;Source=dbsnp
NC_000014.9 23417295 rs201307101 C A,G,T . . RS=rs201307101;Source=dbsnp
NC_000014.9 23417310 rs727505281 G A,C . . RS=rs727505281;Source=dbsnp
NC_000014.9 23417320 rs727504734 T G . . RS=rs727504734;Source=dbsnp
NC_000014.9 23417325 rs370093487 G A,C . . RS=rs370093487;Source=dbsnp
NC_000014.9 23417461 rs3729822 C T . . RS=rs3729822;Source=dbsnp
NC_000014.9 23417486 rs45581933 C T . . RS=rs45581933;Source=dbsnp
NC_000014.9 23417493 rs202205780 C T . . RS=rs202205780;Source=dbsnp
NC_000014.9 23417508 rs397516211 C T . . RS=rs397516211;Source=dbsnp
NC_000014.9 23417530 rs727503243 C T . . RS=rs727503243;Source=dbsnp
NC_000014.9 23417535 rs745414245 C A . . RS=rs745414245;Source=dbsnp
NC_000014.9 23417563 rs45560242 G A,T . . RS=rs45560242;Source=dbsnp
NC_000014.9 23417573 rs727503244 A G . . RS=rs727503244;Source=dbsnp
NC_000014.9 23417580 rs397516208 C T . . RS=rs397516208;Source=dbsnp
NC_000014.9 23417597 rs397516207 C T . . RS=rs397516207;Source=dbsnp
NC_000014.9 23417598 rs145213771 G A,T . . RS=rs145213771;Source=dbsnp
NC_000014.9 23417600 rs397516206 T C . . RS=rs397516206;Source=dbsnp
NC_000014.9 23417616 rs201895208 G T . . RS=rs201895208;Source=dbsnp
NC_000014.9 23417617 rs3729821 C A,G,T . . RS=rs3729821;Source=dbsnp
```

```
NC_000014.9 23417629 rs148788346 G C . . RS=rs148788346;Source=dbsnp
NC_000014.9 23417641 rs748551470 C T . . RS=rs748551470;Source=dbsnp
NC_000014.9 23417644 rs397516205 C A,T . . RS=rs397516205;Source=dbsnp
NC_000014.9 23417646 rs371552806 C T . . RS=rs371552806;Source=dbsnp
NC_000014.9 23417648 rs397516204 G T . . RS=rs397516204;Source=dbsnp
NC_000014.9 23417652 rs727505025 C T . . RS=rs727505025;Source=dbsnp
NC_000014.9 23417668 rs200852418 C A,T . . RS=rs200852418;Source=dbsnp
NC_000014.9 23417674 rs765895405 G A . . RS=rs765895405;Source=dbsnp
NC_000014.9 23418010 rs2754157 T A,G . . RS=rs2754157;Source=dbsnp
NC_000014.9 23418223 rs727504703 G A,C . . RS=rs727504703;Source=dbsnp
NC_000014.9 23418234 rs727504325 C T . . RS=rs727504325;Source=dbsnp
NC_000014.9 23418243 rs397516203 G T . . RS=rs397516203;Source=dbsnp
NC_000014.9 23418244 rs397516202 C A,T . . RS=rs397516202;Source=dbsnp
NC_000014.9 23418249 rs397516201 G A . . RS=rs397516201;Source=dbsnp
NC_000014.9 23418255 rs727503245 T C . . RS=rs727503245;Source=dbsnp
NC_000014.9 23418301 rs373231077 C T . . RS=rs373231077;Source=dbsnp
NC_000014.9 23418302 rs45523835 G A . . RS=rs45523835;Source=dbsnp
NC_000014.9 23418303 rs750836033 C T . . RS=rs750836033;Source=dbsnp
NC_000014.9 23418304 rs45451303 G A,T . . RS=rs45451303;Source=dbsnp
NC_000014.9 23418313 rs727503246 C T . . RS=rs727503246;Source=dbsnp
NC_000014.9 23418326 rs397516200 C A,T . . RS=rs397516200;Source=dbsnp
NC_000014.9 23418348 rs797045097 C T . . RS=rs797045097;Source=dbsnp
NC_000014.9 23418374 rs144465613 C T . . RS=rs144465613;Source=dbsnp
NC_000014.9 23418375 rs397516199 G A . . RS=rs397516199;Source=dbsnp
NC_000014.9 23418385 rs397516198 C T . . RS=rs397516198;Source=dbsnp
NC_000014.9 23418386 rs200288088 G A . . RS=rs200288088;Source=dbsnp
NC_000014.9 23418398 rs141764279 G A,T . . RS=rs141764279;Source=dbsnp
NC_000014.9 23418402 rs730880786 T C . . RS=rs730880786;Source=dbsnp
NC_000014.9 23418408 rs397516197 T A . . RS=rs397516197;Source=dbsnp
NC_000014.9 23418436 rs7159367 T C . . RS=rs7159367;Source=dbsnp
NC_000014.9 23419161 rs114978322 C T . . RS=rs114978322;Source=dbsnp
NC_000014.9 23419162 rs3729820 G A,T . . RS=rs3729820;Source=dbsnp
NC_000014.9 23419182 rs727503247 C T . . RS=rs727503247;Source=dbsnp
NC_000014.9 23419189 rs147797612 C T . . RS=rs147797612;Source=dbsnp
NC_000014.9 23419231 rs144420313 G A . . RS=rs144420313;Source=dbsnp
NC_000014.9 23419241 rs727505325 C T . . RS=rs727505325;Source=dbsnp
NC_000014.9 23419284 rs180824037 G A,C . . RS=rs180824037;Source=dbsnp
NC_000014.9 23419285 rs45501694 G C . . RS=rs45501694;Source=dbsnp
NC_000014.9 23419288 rs150292548 C G,T . . RS=rs150292548;Source=dbsnp
NC_000014.9 23419293 rs397516196 C T . . RS=rs397516196;Source=dbsnp
NC_000014.9 23419456 rs2277475 A T . . RS=rs2277475;Source=dbsnp
NC_000014.9 23419462 rs45584435 G A,C . . RS=rs45584435;Source=dbsnp
NC_000014.9 23419476 rs45467397 G A . . RS=rs45467397;Source=dbsnp
NC_000014.9 23419506 rs397516195 C G,T . . RS=rs397516195;Source=dbsnp
NC_000014.9 23419507 rs727503248 G A,T . . RS=rs727503248;Source=dbsnp
NC_000014.9 23419533 rs397516194 C G,T . . RS=rs397516194;Source=dbsnp
NC_000014.9 23419559 rs149103761 G A,T . . RS=rs149103761;Source=dbsnp
NC_000014.9 23419565 rs375219617 A G . . RS=rs375219617;Source=dbsnp
```

```
NC_000014.9 23419566 rs574005462 T C . . RS=rs574005462;Source=dbsnp
NC_000014.9 23419582 rs397516193 A G . . RS=rs397516193;Source=dbsnp
NC_000014.9 23419588 rs727503249 G A,C . . RS=rs727503249;Source=dbsnp
NC_000014.9 23419602 rs397516192 A T . . RS=rs397516192;Source=dbsnp
NC_000014.9 23419606 rs200746981 T G . . RS=rs200746981;Source=dbsnp
NC_000014.9 23419815 rs544323467 T C,G . . RS=rs544323467;Source=dbsnp
NC_000014.9 23419828 rs377463081 G A . . RS=rs377463081;Source=dbsnp
NC_000014.9 23419839 rs377745688 G A . . RS=rs377745688;Source=dbsnp
NC_000014.9 23419904 rs794727410 C T . . RS=rs794727410;Source=dbsnp
NC_000014.9 23419905 rs397516191 G A . . RS=rs397516191;Source=dbsnp
NC_000014.9 23419907 rs727504647 T A,C . . RS=rs727504647;Source=dbsnp
NC_000014.9 23419911 rs397516190 CTCCT CT . . RS=rs397516190;Source=dbsnp
NC_000014.9 23419934 rs397516182 C T . . RS=rs397516182;Source=dbsnp
NC_000014.9 23419949 rs730880781 C G,T . . RS=rs730880781;Source=dbsnp
NC_000014.9 23419958 rs727505026 C T . . RS=rs727505026;Source=dbsnp
NC_000014.9 23419959 rs786204378 G A . . RS=rs786204378;Source=dbsnp
NC_000014.9 23419961 rs397516188 C G,T . . RS=rs397516188;Source=dbsnp
NC_000014.9 23419979 rs876657883 CG GCTTCTT . . RS=rs876657883;Source=dbsnp
NC_000014.9 23419979 rs730880778 C A,T . . RS=rs730880778;Source=dbsnp
NC_000014.9 23419993 rs397516187 C T . . RS=rs397516187;Source=dbsnp
NC_000014.9 23420007 rs45587932 A G,T . . RS=rs45587932;Source=dbsnp
NC_000014.9 23420097 rs587780395 G A,C,T . . RS=rs587780395;Source=dbsnp
NC_000014.9 23420107 rs397516186 C T . . RS=rs397516186;Source=dbsnp
NC_000014.9 23420109 rs397516185 G A . . RS=rs397516185;Source=dbsnp
NC_000014.9 23420116 rs397516184 T A . . RS=rs397516184;Source=dbsnp
NC_000014.9 23420129 rs786205355 C G,T . . RS=rs786205355;Source=dbsnp
NC_000014.9 23420133 rs876657519 G A . . RS=rs876657519;Source=dbsnp
NC_000014.9 23420189 rs199552354 C T . . RS=rs199552354;Source=dbsnp
NC_000014.9 23420208 rs886041113 C G . . RS=rs886041113;Source=dbsnp
NC_000014.9 23420220 rs45554236 C T . . RS=rs45554236;Source=dbsnp
NC_000014.9 23420222 rs141735183 C A . . RS=rs141735183;Source=dbsnp
NC_000014.9 23420225 rs727504274 C G,T . . RS=rs727504274;Source=dbsnp
NC_000014.9 23420226 rs786204377 G A . . RS=rs786204377;Source=dbsnp
NC_000014.9 23420237 rs45504498 GG GGG . . RS=rs45504498;Source=dbsnp
NC_000014.9 23420238 rs779144252 G GA,GC . . RS=rs779144252;Source=dbsnp
NC_000014.9 23420244 rs397516181 C G,T . . RS=rs397516181;Source=dbsnp
NC_000014.9 23420955 rs397516180 C T . . RS=rs397516180;Source=dbsnp
NC_000014.9 23420993 rs367546859 C T . . RS=rs367546859;Source=dbsnp
NC_000014.9 23421008 rs45478699 C A,T . . RS=rs45478699;Source=dbsnp
NC_000014.9 23421021 rs200664031 G A,T . . RS=rs200664031;Source=dbsnp
NC_000014.9 23421024 rs760840698 G A . . RS=rs760840698;Source=dbsnp
NC_000014.9 23422156 rs369268274 G A . . RS=rs369268274;Source=dbsnp
NC_000014.9 23422177 rs727505355 T A,C,G . . RS=rs727505355;Source=dbsnp
NC_000014.9 23422189 rs727504342 C T . . RS=rs727504342;Source=dbsnp
NC_000014.9 23422190 rs192722540 G A,C,T . . RS=rs192722540;Source=dbsnp
NC_000014.9 23422256 rs397516179 C T . . RS=rs397516179;Source=dbsnp
NC_000014.9 23422267 rs587782962 C T . . RS=rs587782962;Source=dbsnp
NC_000014.9 23422269 rs138294643 C T . . RS=rs138294643;Source=dbsnp
```

```
NC_000014.9 23422272 rs45540831 C T . . RS=rs45540831;Source=dbsnp
NC_000014.9 23422287 rs201195256 C T . . RS=rs201195256;Source=dbsnp
NC_000014.9 23422291 rs397516178 C A,G,T . . RS=rs397516178;Source=dbsnp
NC_000014.9 23422292 rs45611033 G A . . RS=rs45611033;Source=dbsnp
NC_000014.9 23423536 rs786204375 A G . . RS=rs786204375;Source=dbsnp
NC_000014.9 23423563 rs397516177 T C . . RS=rs397516177;Source=dbsnp
NC_000014.9 23423591 rs200714763 T C . . RS=rs200714763;Source=dbsnp
NC_000014.9 23423610 rs145379951 G A . . RS=rs145379951;Source=dbsnp
NC_000014.9 23423667 rs397516176 G A . . RS=rs397516176;Source=dbsnp
NC_000014.9 23423670 rs368728770 C T . . RS=rs368728770;Source=dbsnp
NC_000014.9 23423679 rs7157716 A G . . RS=rs7157716;Source=dbsnp
NC_000014.9 23423701 rs145532615 A G . . RS=rs145532615;Source=dbsnp
NC_000014.9 23423741 rs7157087 C T . . RS=rs7157087;Source=dbsnp
NC_000014.9 23423825 rs7155989 G A . . RS=rs7155989;Source=dbsnp
NC_000014.9 23423907 rs147727900 C T . . RS=rs147727900;Source=dbsnp
NC_000014.9 23423922 rs142573531 G A . . RS=rs142573531;Source=dbsnp
NC_000014.9 23423930 rs727503250 C T . . RS=rs727503250;Source=dbsnp
NC_000014.9 23423939 rs45496496 C G . . RS=rs45496496;Source=dbsnp
NC_000014.9 23423947 rs727504374 A C,G . . RS=rs727504374;Source=dbsnp
NC_000014.9 23423983 rs397516175 T A . . RS=rs397516175;Source=dbsnp
NC_000014.9 23423984 rs121913629 C T . . RS=rs121913629;Source=dbsnp
NC_000014.9 23424006 rs727503251 G A . . RS=rs727503251;Source=dbsnp
NC_000014.9 23424017 rs763082533 C A . . RS=rs763082533;Source=dbsnp
NC_000014.9 23424026 rs121913639 C T . . RS=rs121913639;Source=dbsnp
NC_000014.9 23424027 rs397516174 A C,G . . RS=rs397516174;Source=dbsnp
NC_000014.9 23424030 rs397516173 A G . . RS=rs397516173;Source=dbsnp
NC_000014.9 23424034 rs202097576 A G . . RS=rs202097576;Source=dbsnp
NC_000014.9 23424036 rs397516172 CTCCTCCTC CTCCTC . . RS=rs397516172;Source=dbsnp
NC_000014.9 23424041 rs397516171 C G,T . . RS=rs397516171;Source=dbsnp
NC_000014.9 23424046 rs727504558 T A,C,G . . RS=rs727504558;Source=dbsnp
NC_000014.9 23424047 rs727503252 C T . . RS=rs727503252;Source=dbsnp
NC_000014.9 23424050 rs397516170 C A,T . . RS=rs397516170;Source=dbsnp
NC_000014.9 23424059 rs121913628 C G,T . . RS=rs121913628;Source=dbsnp
NC_000014.9 23424060 rs36211716 G A,T . . RS=rs36211716;Source=dbsnp
NC_000014.9 23424083 rs397516169 C T . . RS=rs397516169;Source=dbsnp
NC_000014.9 23424085 rs397516166 A G . . RS=rs397516166;Source=dbsnp
NC_000014.9 23424087 rs727504404 C A . . RS=rs727504404;Source=dbsnp
NC_000014.9 23424104 rs397516168 T C . . RS=rs397516168;Source=dbsnp
NC_000014.9 23424107 rs121913631 G C . . RS=rs121913631;Source=dbsnp
NC_000014.9 23424110 rs397516167 G T . . RS=rs397516167;Source=dbsnp
NC_000014.9 23424112 rs267606908 T C . . RS=rs267606908;Source=dbsnp
NC_000014.9 23424113 rs397516164 C T . . RS=rs397516164;Source=dbsnp
NC_000014.9 23424118 rs397516165 C G,T . . RS=rs397516165;Source=dbsnp
NC_000014.9 23424119 rs727503253 G A . . RS=rs727503253;Source=dbsnp
NC_000014.9 23424125 rs869130333 C T . . RS=rs869130333;Source=dbsnp
NC_000014.9 23424130 rs397516163 T C . . RS=rs397516163;Source=dbsnp
NC_000014.9 23424137 rs727504407 G A,C . . RS=rs727504407;Source=dbsnp
NC_000014.9 23424146 rs397516162 G C,T . . RS=rs397516162;Source=dbsnp
```

```
NC_000014.9 23424148 rs397516161 T A,C . . RS=rs397516161;Source=dbsnp
NC_000014.9 23424206 rs28730783 G C . . RS=rs28730783;Source=dbsnp
NC_000014.9 23424770 rs727503254 G A,T . . RS=rs727503254;Source=dbsnp
NC_000014.9 23424804 rs397516160 G A,C . . RS=rs397516160;Source=dbsnp
NC_000014.9 23424811 rs199915408 G A . . RS=rs199915408;Source=dbsnp
NC_000014.9 23424819 rs727504368 TCTTCT TCT . . RS=rs727504368;Source=dbsnp
NC_000014.9 23424823 rs397516159 CTCCTCC CTCC . . RS=rs397516159;Source=dbsnp
NC_000014.9 23424839 rs36211715 C A,G,T . . RS=rs36211715;Source=dbsnp
NC_000014.9 23424840 rs138049878 G A . . RS=rs138049878;Source=dbsnp
NC_000014.9 23424842 rs202141173 C T . . RS=rs202141173;Source=dbsnp
NC_000014.9 23424843 rs730880750 G A,C,T . . RS=rs730880750;Source=dbsnp
NC_000014.9 23424849 rs558673680 C T . . RS=rs558673680;Source=dbsnp
NC_000014.9 23424875 rs2856897 C A,G,T . . RS=rs2856897;Source=dbsnp
NC_000014.9 23424876 rs2754158 G A,C,T . . RS=rs2754158;Source=dbsnp
NC_000014.9 23424893 rs397516157 A C,G,T . . RS=rs397516157;Source=dbsnp
NC_000014.9 23424895 rs144291282 G T . . RS=rs144291282;Source=dbsnp
NC_000014.9 23424900 rs1060499880 C T . . RS=rs1060499880;Source=dbsnp
NC_000014.9 23424902 rs397516156 A G . . RS=rs397516156;Source=dbsnp
NC_000014.9 23424904 rs730880899 C G . . RS=rs730880899;Source=dbsnp
NC_000014.9 23424907 rs397516155 CTTCT CT . . RS=rs397516155;Source=dbsnp
NC_000014.9 23424909 rs727504310 T C . . RS=rs727504310;Source=dbsnp
NC_000014.9 23424911 rs876657881 T C . . RS=rs876657881;Source=dbsnp
NC_000014.9 23424912 rs730880748 C G . . RS=rs730880748;Source=dbsnp
NC_000014.9 23424921 rs727505132 C T . . RS=rs727505132;Source=dbsnp
NC_000014.9 23424923 rs397516154 C G,T . . RS=rs397516154;Source=dbsnp
NC_000014.9 23424934 rs45560638 C T . . RS=rs45560638;Source=dbsnp
NC_000014.9 23424935 rs397516153 G A,T . . RS=rs397516153;Source=dbsnp
NC_000014.9 23424944 rs876657880 T A,C . . RS=rs876657880;Source=dbsnp
NC_000014.9 23424946 rs397516152 G C . . RS=rs397516152;Source=dbsnp
NC_000014.9 23424949 rs397516151 G A . . RS=rs397516151;Source=dbsnp
NC_000014.9 23424950 rs727504546 T C . . RS=rs727504546;Source=dbsnp
NC_000014.9 23424951 rs730880746 A G . . RS=rs730880746;Source=dbsnp
NC_000014.9 23424968 rs542565151 C A . . RS=rs542565151;Source=dbsnp
NC_000014.9 23424976 rs397516150 G A,C . . RS=rs397516150;Source=dbsnp
NC_000014.9 23424977 rs727503255 A G . . RS=rs727503255;Source=dbsnp
NC_000014.9 23424978 rs397516149 C G,T . . RS=rs397516149;Source=dbsnp
NC_000014.9 23424986 rs397516148 A G . . RS=rs397516148;Source=dbsnp
NC_000014.9 23425016 rs727503256 A G . . RS=rs727503256;Source=dbsnp
NC_000014.9 23425029 rs397516146 A G . . RS=rs397516146;Source=dbsnp
NC_000014.9 23425036 rs727503257 C A . . RS=rs727503257;Source=dbsnp
NC_000014.9 23425304 rs397516145 A C,T . . RS=rs397516145;Source=dbsnp
NC_000014.9 23425316 rs3218716 C A,G,T . . RS=rs3218716;Source=dbsnp
NC_000014.9 23425317 rs397516144 G A,T . . RS=rs397516144;Source=dbsnp
NC_000014.9 23425327 rs730880896 C G,T . . RS=rs730880896;Source=dbsnp
NC_000014.9 23425345 rs376754645 C G,T . . RS=rs376754645;Source=dbsnp
NC_000014.9 23425346 rs145677314 G A . . RS=rs145677314;Source=dbsnp
NC_000014.9 23425347 rs36211714 C A,T . . RS=rs36211714;Source=dbsnp
NC_000014.9 23425353 rs397516143 G A . . RS=rs397516143;Source=dbsnp
```

```
NC_000014.9 23425356 rs139882431 G A . . RS=rs139882431;Source=dbsnp
NC_000014.9 23425357 rs397516142 C A,G,T . . RS=rs397516142;Source=dbsnp
NC_000014.9 23425358 rs727503258 G A,C . . RS=rs727503258;Source=dbsnp
NC_000014.9 23425371 rs2069544 G A,C,T . . RS=rs2069544;Source=dbsnp
NC_000014.9 23425372 rs121913634 T A,C . . RS=rs121913634;Source=dbsnp
NC_000014.9 23425403 rs727503260 C G,T . . RS=rs727503260;Source=dbsnp
NC_000014.9 23425409 rs397516141 T G . . RS=rs397516141;Source=dbsnp
NC_000014.9 23425413 rs121913643 G A,C . . RS=rs121913643;Source=dbsnp
NC_000014.9 23425418 rs727504253 C T . . RS=rs727504253;Source=dbsnp
NC_000014.9 23425696 rs397516140 T C . . RS=rs397516140;Source=dbsnp
NC_000014.9 23425735 rs727504320 A T . . RS=rs727504320;Source=dbsnp
NC_000014.9 23425739 rs876657879 A G . . RS=rs876657879;Source=dbsnp
NC_000014.9 23425752 rs397516139 C G,T . . RS=rs397516139;Source=dbsnp
NC_000014.9 23425756 rs786205907 G C,T . . RS=rs786205907;Source=dbsnp
NC_000014.9 23425760 rs121913632 C A,G,T . . RS=rs121913632;Source=dbsnp
NC_000014.9 23425764 rs727504429 C A,T . . RS=rs727504429;Source=dbsnp
NC_000014.9 23425774 rs727503261 A G,T . . RS=rs727503261;Source=dbsnp
NC_000014.9 23425775 rs397516138 T A,C . . RS=rs397516138;Source=dbsnp
NC_000014.9 23425783 rs727504241 C A,T . . RS=rs727504241;Source=dbsnp
NC_000014.9 23425790 rs727504299 G A,C,T . . RS=rs727504299;Source=dbsnp
NC_000014.9 23425798 rs121913644 G A . . RS=rs121913644;Source=dbsnp
NC_000014.9 23425803 rs397516137 G T . . RS=rs397516137;Source=dbsnp
NC_000014.9 23425810 rs397516136 A G,T . . RS=rs397516136;Source=dbsnp
NC_000014.9 23425813 rs397516135 C G,T . . RS=rs397516135;Source=dbsnp
NC_000014.9 23425814 rs121913630 G A,C . . RS=rs121913630;Source=dbsnp
NC_000014.9 23425874 rs3729818 T C . . RS=rs3729818;Source=dbsnp
NC_000014.9 23425955 rs765279420 C T . . RS=rs765279420;Source=dbsnp
NC_000014.9 23425960 rs145738465 C T . . RS=rs145738465;Source=dbsnp
NC_000014.9 23425970 rs121913641 C G,T . . RS=rs121913641;Source=dbsnp
NC_000014.9 23425971 rs121913637 G A . . RS=rs121913637;Source=dbsnp
NC_000014.9 23425980 rs121913638 C T . . RS=rs121913638;Source=dbsnp
NC_000014.9 23425981 rs146675572 G A,T . . RS=rs146675572;Source=dbsnp
NC_000014.9 23425997 rs727504272 G A,T . . RS=rs727504272;Source=dbsnp
NC_000014.9 23426003 rs397516134 C A,G . . RS=rs397516134;Source=dbsnp
NC_000014.9 23426021 rs397516132 A T . . RS=rs397516132;Source=dbsnp
NC_000014.9 23426022 rs863225101 T C . . RS=rs863225101;Source=dbsnp
NC_000014.9 23426025 rs397516131 C T . . RS=rs397516131;Source=dbsnp
NC_000014.9 23426033 rs397516130 A G . . RS=rs397516130;Source=dbsnp
NC_000014.9 23426035 rs140380523 A G . . RS=rs140380523;Source=dbsnp
NC_000014.9 23426046 rs727504240 G A . . RS=rs727504240;Source=dbsnp
NC_000014.9 23426057 rs397516128 A G . . RS=rs397516128;Source=dbsnp
NC_000014.9 23426074 rs727503262 C T . . RS=rs727503262;Source=dbsnp
NC_000014.9 23426738 rs3729817 T A . . RS=rs3729817;Source=dbsnp
NC_000014.9 23426810 rs727503263 G A . . RS=rs727503263;Source=dbsnp
NC_000014.9 23426833 rs371898076 C T . . RS=rs371898076;Source=dbsnp
NC_000014.9 23426834 rs397516127 G A,C . . RS=rs397516127;Source=dbsnp
NC_000014.9 23426838 rs146474860 G A . . RS=rs146474860;Source=dbsnp
NC_000014.9 23426852 rs727503264 T G . . RS=rs727503264;Source=dbsnp
```

```
NC_000014.9 23427242 rs727504239 T C . . RS=rs727504239;Source=dbsnp
NC_000014.9 23427270 rs397516126 C T . . RS=rs397516126;Source=dbsnp
NC_000014.9 23427271 rs121913646 G A . . RS=rs121913646;Source=dbsnp
NC_000014.9 23427283 rs369935820 G A . . RS=rs369935820;Source=dbsnp
NC_000014.9 23427563 rs201869659 G A . . RS=rs201869659;Source=dbsnp
NC_000014.9 23427572 rs727504516 A C . . RS=rs727504516;Source=dbsnp
NC_000014.9 23427577 rs200668471 C A,T . . RS=rs200668471;Source=dbsnp
NC_000014.9 23427585 rs397516124 G A . . RS=rs397516124;Source=dbsnp
NC_000014.9 23427586 rs376572023 C A,T . . RS=rs376572023;Source=dbsnp
NC_000014.9 23427602 rs727504291 T C . . RS=rs727504291;Source=dbsnp
NC_000014.9 23427647 rs727504925 T C . . RS=rs727504925;Source=dbsnp
NC_000014.9 23427657 rs121913627 C A,G,T . . RS=rs121913627;Source=dbsnp
NC_000014.9 23427669 rs727505332 T A,C . . RS=rs727505332;Source=dbsnp
NC_000014.9 23427675 rs397516123 G A . . RS=rs397516123;Source=dbsnp
NC_000014.9 23427682 rs397516122 G T . . RS=rs397516122;Source=dbsnp
NC_000014.9 23427705 rs786204372 T C . . RS=rs786204372;Source=dbsnp
NC_000014.9 23427706 rs3729816 G A . . RS=rs3729816;Source=dbsnp
NC_000014.9 23427716 rs397516121 A G . . RS=rs397516121;Source=dbsnp
NC_000014.9 23427718 rs201860580 G A,T . . RS=rs201860580;Source=dbsnp
NC_000014.9 23427723 rs121913626 C A,G,T . . RS=rs121913626;Source=dbsnp
NC_000014.9 23427731 rs397516120 T C . . RS=rs397516120;Source=dbsnp
NC_000014.9 23427746 rs727504238 T C . . RS=rs727504238;Source=dbsnp
NC_000014.9 23427773 rs377491278 C T . . RS=rs377491278;Source=dbsnp
NC_000014.9 23427789 rs397516118 T C . . RS=rs397516118;Source=dbsnp
NC_000014.9 23427820 rs368160680 C T . . RS=rs368160680;Source=dbsnp
NC_000014.9 23427833 rs876657878 G T . . RS=rs876657878;Source=dbsnp
NC_000014.9 23427843 rs397516119 T C,G . . RS=rs397516119;Source=dbsnp
NC_000014.9 23427846 rs730880160 C T . . RS=rs730880160;Source=dbsnp
NC_000014.9 23427861 rs397516116 A G . . RS=rs397516116;Source=dbsnp
NC_000014.9 23427865 rs397516115 C A,T . . RS=rs397516115;Source=dbsnp
NC_000014.9 23427868 rs2069543 T C . . RS=rs2069543;Source=dbsnp
NC_000014.9 23427876 rs397516113 T C . . RS=rs397516113;Source=dbsnp
NC_000014.9 23427879 rs121913642 A G . . RS=rs121913642;Source=dbsnp
NC_000014.9 23427889 rs727503265 C T . . RS=rs727503265;Source=dbsnp
NC_000014.9 23427911 rs182949516 G A . . RS=rs182949516;Source=dbsnp
NC_000014.9 23427919 rs772577063 ACT A . . RS=rs772577063;Source=dbsnp
NC_000014.9 23427920 rs786204371 CTG C . . RS=rs786204371;Source=dbsnp
NC_000014.9 23427941 rs45525037 G A . . RS=rs45525037;Source=dbsnp
NC_000014.9 23428505 rs606231324 C G,T . . RS=rs606231324;Source=dbsnp
NC_000014.9 23428508 rs727504401 T C . . RS=rs727504401;Source=dbsnp
NC_000014.9 23428516 rs727504328 A G,T . . RS=rs727504328;Source=dbsnp
NC_000014.9 23428529 rs727504237 G T . . RS=rs727504237;Source=dbsnp
NC_000014.9 23428534 rs863224900 A C,G,T . . RS=rs863224900;Source=dbsnp
NC_000014.9 23428540 rs121913636 A C . . RS=rs121913636;Source=dbsnp
NC_000014.9 23428546 rs397516110 A G . . RS=rs397516110;Source=dbsnp
NC_000014.9 23428560 rs397516108 G A . . RS=rs397516108;Source=dbsnp
NC_000014.9 23428562 rs727504828 TGCCCTCCTTCTTG TG . . RS=rs727504828;Source=dbsnp
NC_000014.9 23428574 rs876657877 T C . . RS=rs876657877;Source=dbsnp
```

```
NC_000014.9 23428579 rs727504286 T G . . RS=rs727504286;Source=dbsnp
NC_000014.9 23428582 rs727504270 T C . . RS=rs727504270;Source=dbsnp
NC_000014.9 23428587 rs267606911 C A,T . . RS=rs267606911;Source=dbsnp
NC_000014.9 23428588 rs727504296 T C . . RS=rs727504296;Source=dbsnp
NC_000014.9 23428600 rs727504336 CAT C . . RS=rs727504336;Source=dbsnp
NC_000014.9 23428600 rs786205905 A T . . RS=rs786205905;Source=dbsnp
NC_000014.9 23428601 rs730880875 T A,C . . RS=rs730880875;Source=dbsnp
NC_000014.9 23428631 rs121913651 C T . . RS=rs121913651;Source=dbsnp
NC_000014.9 23428642 rs727504236 T C . . RS=rs727504236;Source=dbsnp
NC_000014.9 23428652 rs397516107 G C . . RS=rs397516107;Source=dbsnp
NC_000014.9 23428712 rs45490796 TG T . . RS=rs45490796;Source=dbsnp
NC_000014.9 23428957 rs397516106 C A,G,T . . RS=rs397516106;Source=dbsnp
NC_000014.9 23428967 rs45508293 G A,C . . RS=rs45508293;Source=dbsnp
NC_000014.9 23428978 rs397516105 T A . . RS=rs397516105;Source=dbsnp
NC_000014.9 23428992 rs397516103 A C,G . . RS=rs397516103;Source=dbsnp
NC_000014.9 23429004 rs397516101 C A,G,T . . RS=rs397516101;Source=dbsnp
NC_000014.9 23429005 rs121913625 G A,C,T . . RS=rs121913625;Source=dbsnp
NC_000014.9 23429010 rs397516100 T G . . RS=rs397516100;Source=dbsnp
NC_000014.9 23429030 rs397516099 A G . . RS=rs397516099;Source=dbsnp
NC_000014.9 23429031 rs730880159 T A,C,G . . RS=rs730880159;Source=dbsnp
NC_000014.9 23429038 rs148808089 G A . . RS=rs148808089;Source=dbsnp
NC_000014.9 23429039 rs397516096 C T . . RS=rs397516096;Source=dbsnp
NC_000014.9 23429040 rs121913653 G A . . RS=rs121913653;Source=dbsnp
NC_000014.9 23429044 rs397516098 C T . . RS=rs397516098;Source=dbsnp
NC_000014.9 23429047 rs370310929 T A,C . . RS=rs370310929;Source=dbsnp
NC_000014.9 23429061 rs786205356 C T . . RS=rs786205356;Source=dbsnp
NC_000014.9 23429079 rs727503266 G A,T . . RS=rs727503266;Source=dbsnp
NC_000014.9 23429089 rs397516097 C T . . RS=rs397516097;Source=dbsnp
NC_000014.9 23429093 rs727503267 G A . . RS=rs727503267;Source=dbsnp
NC_000014.9 23429096 rs141519877 A G . . RS=rs141519877;Source=dbsnp
NC_000014.9 23429235 rs370628924 G C . . RS=rs370628924;Source=dbsnp
NC_000014.9 23429256 rs150885220 G A,C,T . . RS=rs150885220;Source=dbsnp
NC_000014.9 23429262 rs1057518877 A T . . RS=rs1057518877;Source=dbsnp
NC_000014.9 23429266 rs397516095 C A . . RS=rs397516095;Source=dbsnp
NC_000014.9 23429278 rs121913624 C A,G,T . . RS=rs121913624;Source=dbsnp
NC_000014.9 23429279 rs3218714 G A,C . . RS=rs3218714;Source=dbsnp
NC_000014.9 23429293 rs730880158 C T . . RS=rs730880158;Source=dbsnp
NC_000014.9 23429295 rs139506719 C T . . RS=rs139506719;Source=dbsnp
NC_000014.9 23429306 rs397516093 C G,T . . RS=rs397516093;Source=dbsnp
NC_000014.9 23429308 rs869025477 G A . . RS=rs869025477;Source=dbsnp
NC_000014.9 23429320 rs727503268 C T . . RS=rs727503268;Source=dbsnp
NC_000014.9 23429329 rs727503269 T C . . RS=rs727503269;Source=dbsnp
NC_000014.9 23429345 rs727504753 C T . . RS=rs727504753;Source=dbsnp
NC_000014.9 23429361 rs397516091 G A,T . . RS=rs397516091;Source=dbsnp
NC_000014.9 23429784 rs773599095 C G,T . . RS=rs773599095;Source=dbsnp
NC_000014.9 23429785 rs2231126 G A,C,T . . RS=rs2231126;Source=dbsnp
NC_000014.9 23429807 rs397516089 C G,T . . RS=rs397516089;Source=dbsnp
NC_000014.9 23429818 rs735711 C A,G,T . . RS=rs735711;Source=dbsnp
```

```
NC_000014.9 23429830 rs145091844 G A . . RS=rs145091844;Source=dbsnp
NC_000014.9 23429850 rs397516088 C A,G,T . . RS=rs397516088;Source=dbsnp
NC_000014.9 23429851 rs735712 G A,C . . RS=rs735712;Source=dbsnp
NC_000014.9 23429867 rs121913640 A G . . RS=rs121913640;Source=dbsnp
NC_000014.9 23429868 rs730880730 T C . . RS=rs730880730;Source=dbsnp
NC_000014.9 23429901 rs727503271 C T . . RS=rs727503271;Source=dbsnp
NC_000014.9 23429910 rs727503272 C A,G . . RS=rs727503272;Source=dbsnp
NC_000014.9 23429911 rs34803781 G A,C . . RS=rs34803781;Source=dbsnp
NC_000014.9 23429920 rs200129563 G A . . RS=rs200129563;Source=dbsnp
NC_000014.9 23430516 rs3729810 A G . . RS=rs3729810;Source=dbsnp
NC_000014.9 23430568 rs397516276 C G . . RS=rs397516276;Source=dbsnp
NC_000014.9 23430583 rs372731424 C G,T . . RS=rs372731424;Source=dbsnp
NC_000014.9 23430584 rs2231124 G A . . RS=rs2231124;Source=dbsnp
NC_000014.9 23430591 rs397516275 A C,G,T . . RS=rs397516275;Source=dbsnp
NC_000014.9 23430601 rs376897125 C T . . RS=rs376897125;Source=dbsnp
NC_000014.9 23430602 rs368699342 G A . . RS=rs368699342;Source=dbsnp
NC_000014.9 23430606 rs397516274 G T . . RS=rs397516274;Source=dbsnp
NC_000014.9 23430623 rs771522982 G A,T . . RS=rs771522982;Source=dbsnp
NC_000014.9 23430625 rs761284960 A C,G . . RS=rs761284960;Source=dbsnp
NC_000014.9 23430629 rs111626355 A G . . RS=rs111626355;Source=dbsnp
NC_000014.9 23430639 rs397516273 G A,T . . RS=rs397516273;Source=dbsnp
NC_000014.9 23430873 rs45628742 T A,G . . RS=rs45628742;Source=dbsnp
NC_000014.9 23430884 rs45580436 C T . . RS=rs45580436;Source=dbsnp
NC_000014.9 23430889 rs186276057 G A,C,T . . RS=rs186276057;Source=dbsnp
NC_000014.9 23430890 rs727504860 C G,T . . RS=rs727504860;Source=dbsnp
NC_000014.9 23430924 rs397516272 G A . . RS=rs397516272;Source=dbsnp
NC_000014.9 23430926 rs777259259 C G,T . . RS=rs777259259;Source=dbsnp
NC_000014.9 23430937 rs727503273 A G . . RS=rs727503273;Source=dbsnp
NC_000014.9 23430949 rs397515482 A C . . RS=rs397515482;Source=dbsnp
NC_000014.9 23430952 rs397516271 C A . . RS=rs397516271;Source=dbsnp
NC_000014.9 23430954 rs730880856 C G,T . . RS=rs730880856;Source=dbsnp
NC_000014.9 23430961 rs397516270 C T . . RS=rs397516270;Source=dbsnp
NC_000014.9 23430966 rs727504297 A G . . RS=rs727504297;Source=dbsnp
NC_000014.9 23430967 rs786204367 G C . . RS=rs786204367;Source=dbsnp
NC_000014.9 23430997 rs727504409 G C . . RS=rs727504409;Source=dbsnp
NC_000014.9 23431016 rs372245426 AGAAGAAG AGAAG . . RS=rs372245426;Source=dbsnp
NC_000014.9 23431016 rs532401716 A G . . RS=rs532401716;Source=dbsnp
NC_000014.9 23431411 rs369286647 C T . . RS=rs369286647;Source=dbsnp
NC_000014.9 23431425 rs730880855 T C . . RS=rs730880855;Source=dbsnp
NC_000014.9 23431426 rs397516269 A G . . RS=rs397516269;Source=dbsnp
NC_000014.9 23431447 rs121913633 C T . . RS=rs121913633;Source=dbsnp
NC_000014.9 23431459 rs727505202 A C,G . . RS=rs727505202;Source=dbsnp
NC_000014.9 23431466 rs397516268 T A,C . . RS=rs397516268;Source=dbsnp
NC_000014.9 23431468 rs3218713 C A,T . . RS=rs3218713;Source=dbsnp
NC_000014.9 23431475 rs727503276 A G . . RS=rs727503276;Source=dbsnp
NC_000014.9 23431497 rs786204366 GA G . . RS=rs786204366;Source=dbsnp
NC_000014.9 23431584 rs397516266 AC A . . RS=rs397516266;Source=dbsnp
NC_000014.9 23431584 rs730880850 C T . . RS=rs730880850;Source=dbsnp
```

```
NC_000014.9 23431585 rs2069542 G A,C . . RS=rs2069542;Source=dbsnp
NC_000014.9 23431589 rs267606910 C T . . RS=rs267606910;Source=dbsnp
NC_000014.9 23431590 rs397516265 G A . . RS=rs397516265;Source=dbsnp
NC_000014.9 23431602 rs397516264 C T . . RS=rs397516264;Source=dbsnp
NC_000014.9 23431607 rs397516263 C T . . RS=rs397516263;Source=dbsnp
NC_000014.9 23431608 rs45516091 G A . . RS=rs45516091;Source=dbsnp
NC_000014.9 23431610 rs397516262 A G . . RS=rs397516262;Source=dbsnp
NC_000014.9 23431611 rs397516261 C T . . RS=rs397516261;Source=dbsnp
NC_000014.9 23431614 rs876657889 T C . . RS=rs876657889;Source=dbsnp
NC_000014.9 23431619 rs727504362 G A . . RS=rs727504362;Source=dbsnp
NC_000014.9 23431631 rs876657888 G A . . RS=rs876657888;Source=dbsnp
NC_000014.9 23431640 rs876657887 G A . . RS=rs876657887;Source=dbsnp
NC_000014.9 23431646 rs727505148 T G . . RS=rs727505148;Source=dbsnp
NC_000014.9 23431650 rs121913645 C T . . RS=rs121913645;Source=dbsnp
NC_000014.9 23431741 rs763443866 T C . . RS=rs763443866;Source=dbsnp
NC_000014.9 23431768 rs727503277 G A . . RS=rs727503277;Source=dbsnp
NC_000014.9 23431781 rs727504273 T G . . RS=rs727504273;Source=dbsnp
NC_000014.9 23431789 rs397516260 C A,T . . RS=rs397516260;Source=dbsnp
NC_000014.9 23431790 rs397516259 G A,T . . RS=rs397516259;Source=dbsnp
NC_000014.9 23431798 rs397516258 A G,T . . RS=rs397516258;Source=dbsnp
NC_000014.9 23431803 rs2069541 T C . . RS=rs2069541;Source=dbsnp
NC_000014.9 23431804 rs727504283 G A . . RS=rs727504283;Source=dbsnp
NC_000014.9 23431840 rs397516249 T C . . RS=rs397516249;Source=dbsnp
NC_000014.9 23431844 rs786205906 C G . . RS=rs786205906;Source=dbsnp
NC_000014.9 23431868 rs730880156 C T . . RS=rs730880156;Source=dbsnp
NC_000014.9 23431869 rs397516242 CGCTG C . . RS=rs397516242;Source=dbsnp
NC_000014.9 23431874 rs397516243 G A . . RS=rs397516243;Source=dbsnp
NC_000014.9 23431896 rs201586880 G A,C,T . . RS=rs201586880;Source=dbsnp
NC_000014.9 23432470 rs200925769 T A . . RS=rs200925769;Source=dbsnp
NC_000014.9 23432479 rs752930302 G A . . RS=rs752930302;Source=dbsnp
NC_000014.9 23432502 rs397516238 T A . . RS=rs397516238;Source=dbsnp
NC_000014.9 23432504 rs727504267 T C . . RS=rs727504267;Source=dbsnp
NC_000014.9 23432511 rs397516236 G A . . RS=rs397516236;Source=dbsnp
NC_000014.9 23432654 rs727505011 G A . . RS=rs727505011;Source=dbsnp
NC_000014.9 23432661 rs45500700 G A . . RS=rs45500700;Source=dbsnp
NC_000014.9 23432667 rs200444892 G A,C . . RS=rs200444892;Source=dbsnp
NC_000014.9 23432684 rs397516224 GGGG GGG . . RS=rs397516224;Source=dbsnp
NC_000014.9 23432689 rs730880837 G A . . RS=rs730880837;Source=dbsnp
NC_000014.9 23432703 rs397516212 C A,T . . RS=rs397516212;Source=dbsnp
NC_000014.9 23432704 rs730880835 T A,G . . RS=rs730880835;Source=dbsnp
NC_000014.9 23432710 rs730880834 C A,T . . RS=rs730880834;Source=dbsnp
NC_000014.9 23432713 rs397516209 C T . . RS=rs397516209;Source=dbsnp
NC_000014.9 23432714 rs727503278 G A,C,T . . RS=rs727503278;Source=dbsnp
NC_000014.9 23432745 rs138932714 C A,G,T . . RS=rs138932714;Source=dbsnp
NC_000014.9 23432787 rs368925624 C T . . RS=rs368925624;Source=dbsnp
NC_000014.9 23432791 rs201012865 T A . . RS=rs201012865;Source=dbsnp
NC_000014.9 23433060 rs146744056 C T . . RS=rs146744056;Source=dbsnp
NC_000014.9 23433084 rs149439730 G A,C . . RS=rs149439730;Source=dbsnp
```

```
NC_000014.9 23433086 rs397516183 A G . . RS=rs397516183;Source=dbsnp
NC_000014.9 23433102 rs36211408 G A,C . . RS=rs36211408;Source=dbsnp
NC_000014.9 23433130 rs876657882 G A . . RS=rs876657882;Source=dbsnp
NC_000014.9 23433131 rs730880154 C A,T . . RS=rs730880154;Source=dbsnp
NC_000014.9 23433132 rs140245862 G A . . RS=rs140245862;Source=dbsnp
NC_000014.9 23433136 rs727503279 T A . . RS=rs727503279;Source=dbsnp
NC_000014.9 23433168 rs148560996 G A,T . . RS=rs148560996;Source=dbsnp
NC_000014.9 23433189 rs200493975 G A,T . . RS=rs200493975;Source=dbsnp
NC_000014.9 23433218 rs730880830 C T . . RS=rs730880830;Source=dbsnp
NC_000014.9 23433221 rs397516129 T A . . RS=rs397516129;Source=dbsnp
NC_000014.9 23433253 rs552239213 C T . . RS=rs552239213;Source=dbsnp
NC_000014.9 23433544 rs2069540 G A . . RS=rs2069540;Source=dbsnp
NC_000014.9 23433549 rs727504416 C T . . RS=rs727504416;Source=dbsnp
NC_000014.9 23433566 rs727504870 C G . . RS=rs727504870;Source=dbsnp
NC_000014.9 23433572 rs397516117 C A,G,T . . RS=rs397516117;Source=dbsnp
NC_000014.9 23433577 rs397516112 C G,T . . RS=rs397516112;Source=dbsnp
NC_000014.9 23433596 rs397516104 A C . . RS=rs397516104;Source=dbsnp
NC_000014.9 23433618 rs376160714 C T . . RS=rs376160714;Source=dbsnp
NC_000014.9 23433619 rs146210693 G A . . RS=rs146210693;Source=dbsnp
NC_000014.9 23433656 rs186964570 G A . . RS=rs186964570;Source=dbsnp
NC_000014.9 23433683 rs727503280 C T . . RS=rs727503280;Source=dbsnp
NC_000014.9 23433684 rs45511396 G A . . RS=rs45511396;Source=dbsnp
NC_000014.9 23433696 rs759231966 C T . . RS=rs759231966;Source=dbsnp
NC_000014.9 23433705 rs199577321 C G,T . . RS=rs199577321;Source=dbsnp
NC_000014.9 23433721 rs45561941 C T . . RS=rs45561941;Source=dbsnp
NC_000014.9 23433739 rs876657890 G T . . RS=rs876657890;Source=dbsnp
NC_000014.9 23433765 rs3729992 C A,G,T . . RS=rs3729992;Source=dbsnp
NC_000014.9 23476157 rs2295706 A C,G,T . . RS=rs2295706;Source=dbsnp
NC_000014.9 23486963 rs10148020 C A,G . . RS=rs10148020;Source=dbsnp
NC_000014.9 23495210 rs7149201 C A,G,T . . RS=rs7149201;Source=dbsnp
NC_000014.9 23507801 rs223116 A G,T . . RS=rs223116;Source=dbsnp
NC_000014.9 23549129 rs222682 T A,C . . RS=rs222682;Source=dbsnp
NC_000014.9 23563861 rs2281680 C T . . RS=rs2281680;Source=dbsnp
NC_000014.9 23564163 rs10152092 G C . . RS=rs10152092;Source=dbsnp
NC_000014.9 23572415 rs11844366 T C . . RS=rs11844366;Source=dbsnp
NC_000014.9 23629422 rs222723 C G,T . . RS=rs222723;Source=dbsnp
NC_000014.9 23640817 rs74036811 C G . . RS=rs74036811;Source=dbsnp
NC_000014.9 23668806 rs1885592 A G . . RS=rs1885592;Source=dbsnp
NC_000014.9 23670798 rs1866226 G A,C,T . . RS=rs1866226;Source=dbsnp
NC_000014.9 23686158 rs7141385 G A,C . . RS=rs7141385;Source=dbsnp
NC_000014.9 23727926 rs12894928 T C,G . . RS=rs12894928;Source=dbsnp
NC_000014.9 23755826 rs4982795 T C . . RS=rs4982795;Source=dbsnp
NC_000014.9 23803915 rs1958305 G A . . RS=rs1958305;Source=dbsnp
NC_000014.9 23808776 rs1952415 A C,T . . RS=rs1952415;Source=dbsnp
NC_000014.9 23814964 rs12100601 A C,G . . RS=rs12100601;Source=dbsnp
NC_000014.9 23833464 rs12050360 C T . . RS=rs12050360;Source=dbsnp
NC_000014.9 23855957 rs5807235 AAAAAAAAAAAAAAA AAAAAAAAAAAAAA,AAAAAAAAAAAAAAA,AAAAAAAAAAAAAA
. . RS=rs5807235;Source=dbsnp
```

```
NC_000014.9 23932540 rs10483284 C T . . RS=rs10483284;Source=dbsnp
NC_000014.9 23988953 rs2273946 G C . . RS=rs2273946;Source=dbsnp
NC_000014.9 24017968 rs62000782 A G,T . . RS=rs62000782;Source=dbsnp
NC_000014.9 24064330 rs10146906 C A,T . . RS=rs10146906;Source=dbsnp
NC_000014.9 24081471 rs104894463 A G . . RS=rs104894463;Source=dbsnp
NC_000014.9 24082562 rs397514516 A G . . RS=rs397514516;Source=dbsnp
NC_000014.9 24082626 rs763191889 G GG . . RS=rs763191889;Source=dbsnp
NC_000014.9 24082698 rs794727281 G A . . RS=rs794727281;Source=dbsnp
NC_000014.9 24082701 rs104894459 A T . . RS=rs104894459;Source=dbsnp
NC_000014.9 24082758 rs762991211 G A . . RS=rs762991211;Source=dbsnp
NC_000014.9 24094003 rs4982856 T C,G . . RS=rs4982856;Source=dbsnp
NC_000014.9 24100738 rs2759407 T C . . RS=rs2759407;Source=dbsnp
NC_000014.9 24137349 rs1803830 G A . . RS=rs1803830;Source=dbsnp
NC_000014.9 24138797 rs14930 C A . . RS=rs14930;Source=dbsnp
NC_000014.9 24145152 rs7146672 T A,C,G . . RS=rs7146672;Source=dbsnp
NC_000014.9 24146226 rs4575 T C,G . . RS=rs4575;Source=dbsnp
NC_000014.9 24147998 rs794729666 T C . . RS=rs794729666;Source=dbsnp
NC_000014.9 24148029 rs2273913 C T . . RS=rs2273913;Source=dbsnp
NC_000014.9 24161801 rs2236350 C A . . RS=rs2236350;Source=dbsnp
NC_000014.9 24170490 rs17256713 C T . . RS=rs17256713;Source=dbsnp
NC_000014.9 24188020 rs2295977 C A,T . . RS=rs2295977;Source=dbsnp
NC_000014.9 24210671 rs2295322 C T . . RS=rs2295322;Source=dbsnp
NC_000014.9 24214313 rs193921062 G C . . RS=rs193921062;Source=dbsnp
NC_000014.9 24219608 rs11158609 G A . . RS=rs11158609;Source=dbsnp
NC_000014.9 24239895 rs12883582 T G . . RS=rs12883582;Source=dbsnp
NC_000014.9 24240300 rs184422577 C T . . RS=rs184422577;Source=dbsnp
NC_000014.9 24240584 rs1050040349 A C,G . . RS=rs1050040349;Source=dbsnp
NC_000014.9 24240588 rs199422320 GGG GG . . RS=rs199422320;Source=dbsnp
NC_000014.9 24240609 rs199422319 T C . . RS=rs199422319;Source=dbsnp
NC_000014.9 24240614 rs199422318 GG CT . . RS=rs199422318;Source=dbsnp
NC_000014.9 24240618 rs199422317 A G . . RS=rs199422317;Source=dbsnp
NC_000014.9 24240620 rs199422316 A G . . RS=rs199422316;Source=dbsnp
NC_000014.9 24240630 rs199422314 T C . . RS=rs199422314;Source=dbsnp
NC_000014.9 24240631 rs199422315 GGGG GGGGG . . RS=rs199422315;Source=dbsnp
NC_000014.9 24240632 rs199422313 G T . . RS=rs199422313;Source=dbsnp
NC_000014.9 24240633 rs199422311 G A,C . . RS=rs199422311;Source=dbsnp
NC_000014.9 24240635 rs121918544 C T . . RS=rs121918544;Source=dbsnp
NC_000014.9 24240636 rs121918545 G A,T . . RS=rs121918545;Source=dbsnp
NC_000014.9 24240639 rs199422322 C T . . RS=rs199422322;Source=dbsnp
NC_000014.9 24240642 rs121918543 T A,C . . RS=rs121918543;Source=dbsnp
NC_000014.9 24240654 rs863223324 CT C . . RS=rs863223324;Source=dbsnp
NC_000014.9 24240669 rs387907154 G A . . RS=rs387907154;Source=dbsnp
NC_000014.9 24240675 rs387907153 G A . . RS=rs387907153;Source=dbsnp
NC_000014.9 24240746 rs142777869 G T . . RS=rs142777869;Source=dbsnp
NC_000014.9 24240759 rs17102311 G A . . RS=rs17102311;Source=dbsnp
NC_000014.9 24240770 rs17102313 C T . . RS=rs17102313;Source=dbsnp
NC_000014.9 24240774 rs199422321 G A,T . . RS=rs199422321;Source=dbsnp
NC_000014.9 24240849 rs746287594 G C . . RS=rs746287594;Source=dbsnp
```

```
NC_000014.9 24241320 rs201087708 G A . . RS=rs201087708;Source=dbsnp
NC_000014.9 24242206 rs35653076 C G,T . . RS=rs35653076;Source=dbsnp
NC_000014.9 24249489 rs398122904 G A . . RS=rs398122904;Source=dbsnp
NC_000014.9 24252695 rs2748531 A G . . RS=rs2748531;Source=dbsnp
NC_000014.9 24254970 rs398122902 TACAGGCC T . . RS=rs398122902;Source=dbsnp
NC_000014.9 24255080 rs2229464 G A,T . . RS=rs2229464;Source=dbsnp
NC_000014.9 24255155 rs397514522 G A . . RS=rs397514522;Source=dbsnp
NC_000014.9 24255450 rs142404759 T C . . RS=rs142404759;Source=dbsnp
NC_000014.9 24255457 rs35312232 C A,T . . RS=rs35312232;Source=dbsnp
NC_000014.9 24256011 rs121918724 T C . . RS=rs121918724;Source=dbsnp
NC_000014.9 24258324 rs863223405 A G . . RS=rs863223405;Source=dbsnp
NC_000014.9 24258356 rs398122903 TT TTT . . RS=rs398122903;Source=dbsnp
NC_000014.9 24258379 rs398122900 ATGGAA A . . RS=rs398122900;Source=dbsnp
NC_000014.9 24258606 rs398122905 ATGTGT A . . RS=rs398122905;Source=dbsnp
NC_000014.9 24258646 rs121918721 C A,T . . RS=rs121918721;Source=dbsnp
NC_000014.9 24258658 rs121918726 C T . . RS=rs121918726;Source=dbsnp
NC_000014.9 24258667 rs121918723 C G,T . . RS=rs121918723;Source=dbsnp
NC_000014.9 24259087 rs121918722 C T . . RS=rs121918722;Source=dbsnp
NC_000014.9 24259088 rs1126432 G A,T . . RS=rs1126432;Source=dbsnp
NC_000014.9 24259099 rs121918720 C G,T . . RS=rs121918720;Source=dbsnp
NC_000014.9 24259159 rs202037016 C T . . RS=rs202037016;Source=dbsnp
NC_000014.9 24259710 rs786205485 AGAGA AGA . . RS=rs786205485;Source=dbsnp
NC_000014.9 24259720 rs121918717 C T . . RS=rs121918717;Source=dbsnp
NC_000014.9 24259744 rs143473912 C A,T . . RS=rs143473912;Source=dbsnp
NC_000014.9 24259745 rs397514525 G A . . RS=rs397514525;Source=dbsnp
NC_000014.9 24259769 rs121918731 G A,C,T . . RS=rs121918731;Source=dbsnp
NC_000014.9 24259950 rs121918730 T C,G . . RS=rs121918730;Source=dbsnp
NC_000014.9 24259959 rs121918727 C G,T . . RS=rs121918727;Source=dbsnp
NC_000014.9 24259984 rs121918725 C T . . RS=rs121918725;Source=dbsnp
NC_000014.9 24259990 rs397514523 A T . . RS=rs397514523;Source=dbsnp
NC_000014.9 24260025 rs781006633 C T . . RS=rs781006633;Source=dbsnp
NC_000014.9 24260481 rs35755034 C G,T . . RS=rs35755034;Source=dbsnp
NC_000014.9 24260555 rs121918732 C T . . RS=rs121918732;Source=dbsnp
NC_000014.9 24260593 rs878853259 A T . . RS=rs878853259;Source=dbsnp
NC_000014.9 24260894 rs7151201 A C . . RS=rs7151201;Source=dbsnp
NC_000014.9 24261256 rs2748516 A G,T . . RS=rs2748516;Source=dbsnp
NC_000014.9 24261724 rs121918728 G C . . RS=rs121918728;Source=dbsnp
NC_000014.9 24261740 rs187901859 G A . . RS=rs187901859;Source=dbsnp
NC_000014.9 24261775 rs121918719 C T . . RS=rs121918719;Source=dbsnp
NC_000014.9 24261778 rs121918718 C G,T . . RS=rs121918718;Source=dbsnp
NC_000014.9 24261779 rs121918716 G A . . RS=rs121918716;Source=dbsnp
NC_000014.9 24261827 rs397514524 G A . . RS=rs397514524;Source=dbsnp
NC_000014.9 24262048 rs398122901 T A,C . . RS=rs398122901;Source=dbsnp
NC_000014.9 24262072 rs121918729 C T . . RS=rs121918729;Source=dbsnp
NC_000014.9 24262228 rs41295338 G C,T . . RS=rs41295338;Source=dbsnp
NC_000014.9 24263965 rs2075530 T C . . RS=rs2075530;Source=dbsnp
NC_000014.9 24264066 rs941505 T A,C . . RS=rs941505;Source=dbsnp
NC_000014.9 24267755 rs729421 T A,C . . RS=rs729421;Source=dbsnp
```

```
NC_000014.9 24279157 rs3940231 C T . . RS=rs3940231;Source=dbsnp
NC_000014.9 24290803 rs4568 G A . . RS=rs4568;Source=dbsnp
NC_000014.9 24291558 rs10134537 G A . . RS=rs10134537;Source=dbsnp
NC_000014.9 24302079 rs4280164 G A . . RS=rs4280164;Source=dbsnp
NC_000014.9 24305411 rs2144493 C A,G,T . . RS=rs2144493;Source=dbsnp
NC_000014.9 24307013 rs2332320 T A,C . . RS=rs2332320;Source=dbsnp
NC_000014.9 24307138 rs1053648 T A,C . . RS=rs1053648;Source=dbsnp
NC_000014.9 24307195 rs1053649 C A,T . . RS=rs1053649;Source=dbsnp
NC_000014.9 24307251 rs11158634 C A,G . . RS=rs11158634;Source=dbsnp
NC_000014.9 24307563 rs11158635 G T . . RS=rs11158635;Source=dbsnp
NC_000014.9 24308205 rs2144492 A C,T . . RS=rs2144492;Source=dbsnp
NC_000014.9 24308385 rs2180197 C G . . RS=rs2180197;Source=dbsnp
NC_000014.9 24308909 rs45512098 C G . . RS=rs45512098;Source=dbsnp
NC_000014.9 24309437 rs2516564 C T . . RS=rs2516564;Source=dbsnp
NC_000014.9 24309468 rs2748543 C A . . RS=rs2748543;Source=dbsnp
NC_000014.9 24310388 rs1950505 T A,C,G . . RS=rs1950505;Source=dbsnp
NC_000014.9 24311158 rs1950504 A G . . RS=rs1950504;Source=dbsnp
NC_000014.9 24314208 rs2224122 G C . . RS=rs2224122;Source=dbsnp
NC_000014.9 24314475 rs3742510 G C . . RS=rs3742510;Source=dbsnp
NC_000014.9 24315705 rs3742511 T C . . RS=rs3742511;Source=dbsnp
NC_000014.9 24315886 rs34645221 G T . . RS=rs34645221;Source=dbsnp
NC_000014.9 24316578 rs1046584 C A,G,T . . RS=rs1046584;Source=dbsnp
NC_000014.9 24316687 rs17849864 C T . . RS=rs17849864;Source=dbsnp
NC_000014.9 24316854 rs1046587 G A . . RS=rs1046587;Source=dbsnp
NC_000014.9 24317087 rs4981503 T A,C,G . . RS=rs4981503;Source=dbsnp
NC_000014.9 24317770 rs3181384 T A,C,G . . RS=rs3181384;Source=dbsnp
NC_000014.9 24330152 rs10483285 C A,T . . RS=rs10483285;Source=dbsnp
NC_000014.9 24336257 rs3212254 G A,T . . RS=rs3212254;Source=dbsnp
NC_000014.9 24337023 rs724165 G A . . RS=rs724165;Source=dbsnp
NC_000014.9 24337696 rs34106261 G A,T . . RS=rs34106261;Source=dbsnp
NC_000014.9 24339636 rs28379107 G A . . RS=rs28379107;Source=dbsnp
NC_000014.9 24339979 rs3212251 T C . . RS=rs3212251;Source=dbsnp
NC_000014.9 24340589 rs3212247 A G . . RS=rs3212247;Source=dbsnp
NC_000014.9 24341164 rs3212243 T C . . RS=rs3212243;Source=dbsnp
NC_000014.9 24341692 rs3212240 C T . . RS=rs3212240;Source=dbsnp
NC_000014.9 24365909 rs12590407 G A,T . . RS=rs12590407;Source=dbsnp
NC_000014.9 24369877 rs2229309 G A,C . . RS=rs2229309;Source=dbsnp
NC_000014.9 24376196 rs10141896 G A,T . . RS=rs10141896;Source=dbsnp
NC_000014.9 24379075 rs11848279 A G . . RS=rs11848279;Source=dbsnp
NC_000014.9 24411514 rs2273635 T A,G . . RS=rs2273635;Source=dbsnp
NC_000014.9 24414681 rs8017377 G A . . RS=rs8017377;Source=dbsnp
NC_000014.9 24447098 rs1956898 G A,C,T . . RS=rs1956898;Source=dbsnp
NC_000014.9 24498246 rs17184822 G C,T . . RS=rs17184822;Source=dbsnp
NC_000014.9 24498614 rs1956932 A G . . RS=rs1956932;Source=dbsnp
NC_000014.9 24501802 rs4519248 C T . . RS=rs4519248;Source=dbsnp
NC_000014.9 24505415 rs5250 G A . . RS=rs5250;Source=dbsnp
NC_000014.9 24506608 rs5248 T C . . RS=rs5248;Source=dbsnp
NC_000014.9 24507368 rs5247 T C . . RS=rs5247;Source=dbsnp
```

```
NC_000014.9 24508761 rs1956923 G A,T . . RS=rs1956923;Source=dbsnp
NC_000014.9 24510007 rs1800876 G A,T . . RS=rs1800876;Source=dbsnp
NC_000014.9 24510132 rs1800875 C T . . RS=rs1800875;Source=dbsnp
NC_000014.9 24511286 rs1956917 A C,G,T . . RS=rs1956917;Source=dbsnp
NC_000014.9 24518659 rs4982958 C T . . RS=rs4982958;Source=dbsnp
NC_000014.9 24574465 rs45567233 T C . . RS=rs45567233;Source=dbsnp
NC_000014.9 24574883 rs2070697 C T . . RS=rs2070697;Source=dbsnp
NC_000014.9 24575924 rs2236742 C T . . RS=rs2236742;Source=dbsnp
NC_000014.9 24615475 rs11158813 C T . . RS=rs11158813;Source=dbsnp
NC_000014.9 24625650 rs11629129 C T . . RS=rs11629129;Source=dbsnp
NC_000014.9 24625944 rs11621263 C T . . RS=rs11621263;Source=dbsnp
NC_000014.9 24631041 rs2236337 T A,C . . RS=rs2236337;Source=dbsnp
NC_000014.9 24631076 rs2236338 A G . . RS=rs2236338;Source=dbsnp
NC_000014.9 24632383 rs11539752 G C . . RS=rs11539752;Source=dbsnp
NC_000014.9 24632423 rs10909625 T C . . RS=rs10909625;Source=dbsnp
NC_000014.9 24632500 rs10873219 G T . . RS=rs10873219;Source=dbsnp
NC_000014.9 24632954 rs8192917 C T . . RS=rs8192917;Source=dbsnp
NC_000014.9 24634208 rs2273844 G A . . RS=rs2273844;Source=dbsnp
NC_000014.9 24634456 rs7144366 T A,C . . RS=rs7144366;Source=dbsnp
NC_000014.9 24635154 rs8192916 A G,T . . RS=rs8192916;Source=dbsnp
NC_000014.9 24657615 rs1957519 A G,T . . RS=rs1957519;Source=dbsnp
NC_000014.9 24779087 rs17795514 G A,C,T . . RS=rs17795514;Source=dbsnp
NC_000014.9 24812013 rs2297060 T C . . RS=rs2297060;Source=dbsnp
NC_000014.9 24891169 rs1241620 T A,C . . RS=rs1241620;Source=dbsnp
NC_000014.9 24912171 rs12885474 G A . . RS=rs12885474;Source=dbsnp
NC_000014.9 24964648 rs34132743 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT TGTGTGTGTGTGTGT,TGTGTGTGT
. . RS=rs34132743;Source=dbsnp
NC_000014.9 25034593 rs10147992 A G,T . . RS=rs10147992;Source=dbsnp
NC_000014.9 25041878 rs17257773 G C . . RS=rs17257773;Source=dbsnp
NC_000014.9 25107780 rs4444253 C T . . RS=rs4444253;Source=dbsnp
NC_000014.9 25131926 rs1241488 T C . . RS=rs1241488;Source=dbsnp
NC_000014.9 25243094 rs1461549 G A . . RS=rs1461549;Source=dbsnp
NC_000014.9 25296377 rs974491 C A,G,T . . RS=rs974491;Source=dbsnp
NC_000014.9 25320071 rs1269304 T A,C . . RS=rs1269304;Source=dbsnp
NC_000014.9 25381626 rs1454361 T A,C . . RS=rs1454361;Source=dbsnp
NC_000014.9 25440180 rs2332524 T A,C . . RS=rs2332524;Source=dbsnp
NC_000014.9 25458973 rs10132280 C A . . RS=rs10132280;Source=dbsnp
NC_000014.9 25473623 rs12432376 A G . . RS=rs12432376;Source=dbsnp
NC_000014.9 25480071 rs1955851 G T . . RS=rs1955851;Source=dbsnp
NC_000014.9 25504196 rs2332505 C T . . RS=rs2332505;Source=dbsnp
NC_000014.9 25587311 rs10136818 A T . . RS=rs10136818;Source=dbsnp
NC_000014.9 25608308 rs6574512 A C,G . . RS=rs6574512;Source=dbsnp
NC_000014.9 25619923 rs1951061 T A,C,G . . RS=rs1951061;Source=dbsnp
NC_000014.9 25667405 rs1475010 C A,G . . RS=rs1475010;Source=dbsnp
NC_000014.9 25675605 rs8181969 C A,G . . RS=rs8181969;Source=dbsnp
NC_000014.9 25681304 rs12893752 C T . . RS=rs12893752;Source=dbsnp
NC_000014.9 25695403 rs1951039 T C,G . . RS=rs1951039;Source=dbsnp
NC_000014.9 25737460 rs2877739 T A,C,G . . RS=rs2877739;Source=dbsnp
```

```
NC_000014.9 25841023 rs2105274 G A,C . . RS=rs2105274;Source=dbsnp
NC_000014.9 26057684 rs12433225 T C . . RS=rs12433225;Source=dbsnp
NC_000014.9 26127459 rs6574794 A C,G,T . . RS=rs6574794;Source=dbsnp
NC_000014.9 26173605 rs10483314 A G . . RS=rs10483314;Source=dbsnp
NC_000014.9 26342515 rs1950874 C G,T . . RS=rs1950874;Source=dbsnp
NC_000014.9 26485260 rs178208 T C . . RS=rs178208;Source=dbsnp
NC_000014.9 26621182 rs1115240 G C . . RS=rs1115240;Source=dbsnp
NC_000014.9 26654208 rs1955850 C G,T . . RS=rs1955850;Source=dbsnp
NC_000014.9 26797775 rs12882548 T C,G . . RS=rs12882548;Source=dbsnp
NC_000014.9 26838313 rs7144332 T G . . RS=rs7144332;Source=dbsnp
NC_000014.9 27006274 rs8020291 T A,C . . RS=rs8020291;Source=dbsnp
NC_000014.9 27067046 rs1951758 A C,G . . RS=rs1951758;Source=dbsnp
NC_000014.9 27085606 rs6575421 C A,G . . RS=rs6575421;Source=dbsnp
NC_000014.9 27186573 rs17112354 C A . . RS=rs17112354;Source=dbsnp
NC_000014.9 27290470 rs203582 A G,T . . RS=rs203582;Source=dbsnp
NC_000014.9 27330971 rs2877832 C T . . RS=rs2877832;Source=dbsnp
NC_000014.9 27454979 rs12880735 G A . . RS=rs12880735;Source=dbsnp
NC_000014.9 27514296 rs12587505 A G,T . . RS=rs12587505;Source=dbsnp
NC_000014.9 27535424 rs2022896 G A . . RS=rs2022896;Source=dbsnp
NC_000014.9 27587834 rs1954673 A C,G,T . . RS=rs1954673;Source=dbsnp
NC_000014.9 27860190 rs8007744 A G . . RS=rs8007744;Source=dbsnp
NC_000014.9 27919151 rs8012040 G A,T . . RS=rs8012040;Source=dbsnp
NC_000014.9 28004983 rs2248160 A G . . RS=rs2248160;Source=dbsnp
NC_000014.9 28015715 rs2807822 C T . . RS=rs2807822;Source=dbsnp
NC_000014.9 28018670 rs877726 A G,T . . RS=rs877726;Source=dbsnp
NC_000014.9 28258905 rs6576132 C A,G,T . . RS=rs6576132;Source=dbsnp
NC_000014.9 28330663 rs7157863 A G . . RS=rs7157863;Source=dbsnp
NC_000014.9 28489017 rs7146149 G T . . RS=rs7146149;Source=dbsnp
NC_000014.9 28537548 rs10141935 A G,T . . RS=rs10141935;Source=dbsnp
NC_000014.9 28552722 rs7493138 C T . . RS=rs7493138;Source=dbsnp
NC_000014.9 28663671 rs1956388 G A,C . . RS=rs1956388;Source=dbsnp
NC_000014.9 28689334 rs176261 G A,C . . RS=rs176261;Source=dbsnp
NC_000014.9 28765402 rs12589013 G A . . RS=rs12589013;Source=dbsnp
NC_000014.9 28767411 rs587783629 CCCCC CCCC,CCCCCC,CCCCCCC . . RS=rs587783629;Source=dbsnp
NC_000014.9 28767415 rs786205000 C T . . RS=rs786205000;Source=dbsnp
NC_000014.9 28767418 rs587783630 CACCACCACCACCACCACCACCA CACCACCACCA,CACCACCACCACCA,CACCACCAC
. . RS=rs587783630;Source=dbsnp
NC_000014.9 28767447 rs587783631 CCACCCGCCGCC CC . . RS=rs587783631;Source=dbsnp
NC_000014.9 28767451 rs587783632 CCGCCGCCGCCCGCCCCGCAACCGCCGCCGCCGCC CCGCCGCCGCC
. . RS=rs587783632;Source=dbsnp
NC_000014.9 28767472 rs587783634 CCGCCGCCGCCGCCGCAGCAGCAGCAGCCGCCGCCGCCGCCGC
CCGCCGCCGCCGCCGC,CCGCCGCCGCCGCCGCAGCAGCAGCAGCCGCCGCCGCCGCCGCAGCAGCAGCAGCCGCCGCCGCCGCCGC
. . RS=rs587783634;Source=dbsnp
NC_000014.9 28767480 rs587780944 G A,T . . RS=rs587780944;Source=dbsnp
NC_000014.9 28767481 rs796052479 C T . . RS=rs796052479;Source=dbsnp
NC_000014.9 28767486 rs398124201 GCAGCAGCAGCAGC GCAGCAGC,GCAGCAGCAGC,GCAGCAGCAGCAGCAGC
. . RS=rs398124201;Source=dbsnp
NC_000014.9 28767488 rs587783633 A C,G . . RS=rs587783633;Source=dbsnp
```

```
NC_000014.9 28767498 rs786200975 GCCGCCGCCGCCGCCGCC GCCGCCGCC,GCCGCCGCCGCCGCC,GCCGCCGCCGCCGCC
. . RS=rs786200975;Source=dbsnp
NC_000014.9 28767529 rs786205001 CCCCCCC CCCCCC,CCCCCCCC . . RS=rs786205001;Source=dbsnp
NC_000014.9 28767535 rs398124202 C A,G,T . . RS=rs398124202;Source=dbsnp
NC_000014.9 28767539 rs587783635 CGCGGGGCGCCCCGGCCGC CGC . . RS=rs587783635;Source=dbsnp
NC_000014.9 28767554 rs1057520147 C T . . RS=rs1057520147;Source=dbsnp
NC_000014.9 28767573 rs587783636 CCCCC CCCC . . RS=rs587783636;Source=dbsnp
NC_000014.9 28767605 rs398124203 C T . . RS=rs398124203;Source=dbsnp
NC_000014.9 28767655 rs796052455 G A . . RS=rs796052455;Source=dbsnp
NC_000014.9 28767709 rs797045583 G A . . RS=rs797045583;Source=dbsnp
NC_000014.9 28767726 rs112803404 C G,T . . RS=rs112803404;Source=dbsnp
NC_000014.9 28767733 rs398124204 GGGGGGG GGGGGG,GGGGGGGG . . RS=rs398124204;Source=dbsnp
NC_000014.9 28767735 rs587783637 G A,C,T . . RS=rs587783637;Source=dbsnp
NC_000014.9 28767750 rs398124205 G C,T . . RS=rs398124205;Source=dbsnp
NC_000014.9 28767768 rs375378714 C T . . RS=rs375378714;Source=dbsnp
NC_000014.9 28767777 rs764054659 G C . . RS=rs764054659;Source=dbsnp
NC_000014.9 28767784 rs786205003 GG C,T . . RS=rs786205003;Source=dbsnp
NC_000014.9 28767822 rs767961672 G A,T . . RS=rs767961672;Source=dbsnp
NC_000014.9 28767831 rs786205004 C CC . . RS=rs786205004;Source=dbsnp
NC_000014.9 28767840 rs796052462 C A,G . . RS=rs796052462;Source=dbsnp
NC_000014.9 28767842 rs587783638 C G . . RS=rs587783638;Source=dbsnp
NC_000014.9 28767856 rs786205005 G A . . RS=rs786205005;Source=dbsnp
NC_000014.9 28767889 rs786205006 C T . . RS=rs786205006;Source=dbsnp
NC_000014.9 28767903 rs267606826 C A,G,T . . RS=rs267606826;Source=dbsnp
NC_000014.9 28767922 rs267606828 T C . . RS=rs267606828;Source=dbsnp
NC_000014.9 28767923 rs786204998 TC CT . . RS=rs786204998;Source=dbsnp
NC_000014.9 28767949 rs727503935 G A . . RS=rs727503935;Source=dbsnp
NC_000014.9 28767951 rs587783639 C G,T . . RS=rs587783639;Source=dbsnp
NC_000014.9 28767960 rs786205012 C G . . RS=rs786205012;Source=dbsnp
NC_000014.9 28767964 rs1064797186 A C . . RS=rs1064797186;Source=dbsnp
NC_000014.9 28767968 rs786205007 G A,T . . RS=rs786205007;Source=dbsnp
NC_000014.9 28767973 rs786205486 A G,T . . RS=rs786205486;Source=dbsnp
NC_000014.9 28767979 rs786205008 T C . . RS=rs786205008;Source=dbsnp
NC_000014.9 28768009 rs786205009 C T . . RS=rs786205009;Source=dbsnp
NC_000014.9 28768034 rs587783640 G T . . RS=rs587783640;Source=dbsnp
NC_000014.9 28768036 rs587783641 A G . . RS=rs587783641;Source=dbsnp
NC_000014.9 28768041 rs587783642 C A,G . . RS=rs587783642;Source=dbsnp
NC_000014.9 28768044 rs121913678 G A,T . . RS=rs121913678;Source=dbsnp
NC_000014.9 28768055 rs869312961 C G . . RS=rs869312961;Source=dbsnp
NC_000014.9 28768066 rs786205010 GACGTG G . . RS=rs786205010;Source=dbsnp
NC_000014.9 28768078 rs587783643 G A . . RS=rs587783643;Source=dbsnp
NC_000014.9 28768203 rs267606827 G A . . RS=rs267606827;Source=dbsnp
NC_000014.9 28768248 rs786205011 GC G . . RS=rs786205011;Source=dbsnp
NC_000014.9 28768256 rs748001255 G A,C . . RS=rs748001255;Source=dbsnp
NC_000014.9 28768324 rs796052472 T G . . RS=rs796052472;Source=dbsnp
NC_000014.9 28768365 rs570981209 G A . . RS=rs570981209;Source=dbsnp
NC_000014.9 28768440 rs147154860 G A . . RS=rs147154860;Source=dbsnp
NC_000014.9 28768479 rs138747073 C A,G,T . . RS=rs138747073;Source=dbsnp
```

```
NC_000014.9 28768497 rs587783628 C G . . RS=rs587783628;Source=dbsnp
NC_000014.9 28768512 rs34654108 G A . . RS=rs34654108;Source=dbsnp
NC_000014.9 28768527 rs786204999 C G,T . . RS=rs786204999;Source=dbsnp
NC_000014.9 28768663 rs752379833 A G . . RS=rs752379833;Source=dbsnp
NC_000014.9 28768757 rs373961431 G T . . RS=rs373961431;Source=dbsnp
NC_000014.9 28768762 rs151157846 C A,G . . RS=rs151157846;Source=dbsnp
NC_000014.9 28984835 rs12587874 A C,G . . RS=rs12587874;Source=dbsnp
NC_000014.9 29160250 rs10483349 A C,G . . RS=rs10483349;Source=dbsnp
NC_000014.9 29267632 rs12885454 C A,T . . RS=rs12885454;Source=dbsnp
NC_000014.9 29286662 rs1307813 C A,G . . RS=rs1307813;Source=dbsnp
NC_000014.9 29435220 rs11161057 C G,T . . RS=rs11161057;Source=dbsnp
NC_000014.9 29475997 rs10498306 T C . . RS=rs10498306;Source=dbsnp
NC_000014.9 29569596 rs17114954 G A . . RS=rs17114954;Source=dbsnp
NC_000014.9 29594820 rs3783297 T C . . RS=rs3783297;Source=dbsnp
NC_000014.9 29599730 rs193921103 C T . . RS=rs193921103;Source=dbsnp
NC_000014.9 29603850 rs2181179 C T . . RS=rs2181179;Source=dbsnp
NC_000014.9 29624205 rs201154555 G A . . RS=rs201154555;Source=dbsnp
NC_000014.9 29626508 rs1057519635 C T . . RS=rs1057519635;Source=dbsnp
NC_000014.9 29638705 rs1057519636 A C . . RS=rs1057519636;Source=dbsnp
NC_000014.9 29653203 rs17115145 C T . . RS=rs17115145;Source=dbsnp
NC_000014.9 29761432 rs1953722 A G . . RS=rs1953722;Source=dbsnp
NC_000014.9 29803103 rs10144903 T G . . RS=rs10144903;Source=dbsnp
NC_000014.9 29828885 rs8008553 G A,T . . RS=rs8008553;Source=dbsnp
NC_000014.9 29832143 rs57803087 A G . . RS=rs57803087;Source=dbsnp
NC_000014.9 29842885 rs1958980 G A . . RS=rs1958980;Source=dbsnp
NC_000014.9 29844872 rs11847351 G A,C . . RS=rs11847351;Source=dbsnp
NC_000014.9 29870605 rs1958987 T A,C . . RS=rs1958987;Source=dbsnp
NC_000014.9 29897406 rs17096124 A G . . RS=rs17096124;Source=dbsnp
NC_000014.9 29929670 rs10498313 A G . . RS=rs10498313;Source=dbsnp
NC_000014.9 29974448 rs225918 G A . . RS=rs225918;Source=dbsnp
NC_000014.9 30001469 rs225889 C A,G,T . . RS=rs225889;Source=dbsnp
NC_000014.9 30024055 rs1440983 G A . . RS=rs1440983;Source=dbsnp
NC_000014.9 30045906 rs11847697 C T . . RS=rs11847697;Source=dbsnp
NC_000014.9 30056182 rs225942 T A,C,G . . RS=rs225942;Source=dbsnp
NC_000014.9 30056395 rs41449149 C G,T . . RS=rs41449149;Source=dbsnp
NC_000014.9 30065741 rs225925 T A,C,G . . RS=rs225925;Source=dbsnp
NC_000014.9 30071535 rs225830 G A . . RS=rs225830;Source=dbsnp
NC_000014.9 30117690 rs225858 C G,T . . RS=rs225858;Source=dbsnp
NC_000014.9 30137220 rs8019932 T G . . RS=rs8019932;Source=dbsnp
NC_000014.9 30180570 rs1033706 G A,C . . RS=rs1033706;Source=dbsnp
NC_000014.9 30340938 rs17427680 T G . . RS=rs17427680;Source=dbsnp
NC_000014.9 30389183 rs17096653 A G . . RS=rs17096653;Source=dbsnp
NC_000014.9 30399530 rs10131267 G A . . RS=rs10131267;Source=dbsnp
NC_000014.9 30678292 rs10139154 C G,T . . RS=rs10139154;Source=dbsnp
NC_000014.9 30755252 rs179562 G A,C . . RS=rs179562;Source=dbsnp
NC_000014.9 30877630 rs199674735 T C . . RS=rs199674735;Source=dbsnp
NC_000014.9 30877640 rs28938175 C T . . RS=rs28938175;Source=dbsnp
NC_000014.9 30877686 rs121908927 T C,G . . RS=rs121908927;Source=dbsnp
```

```
NC_000014.9 30877735 rs377273539 C G,T . . RS=rs377273539;Source=dbsnp
NC_000014.9 30878834 rs121908928 G A,T . . RS=rs121908928;Source=dbsnp
NC_000014.9 30878842 rs540895576 C A,G,T . . RS=rs540895576;Source=dbsnp
NC_000014.9 30878897 rs121908930 T A,C . . RS=rs121908930;Source=dbsnp
NC_000014.9 30878920 rs121908929 T C . . RS=rs121908929;Source=dbsnp
NC_000014.9 30878926 rs121908931 G A . . RS=rs121908931;Source=dbsnp
NC_000014.9 30879478 rs147841606 A G . . RS=rs147841606;Source=dbsnp
NC_000014.9 30885501 rs28362775 G A . . RS=rs28362775;Source=dbsnp
NC_000014.9 30885806 rs748731866 G A . . RS=rs748731866;Source=dbsnp
NC_000014.9 30885890 rs1045644 C G . . RS=rs1045644;Source=dbsnp
NC_000014.9 30886104 rs35353967 C G,T . . RS=rs35353967;Source=dbsnp
NC_000014.9 30886105 rs61759484 T G . . RS=rs61759484;Source=dbsnp
NC_000014.9 30886183 rs139503327 A G . . RS=rs139503327;Source=dbsnp
NC_000014.9 30886321 rs17097458 C A . . RS=rs17097458;Source=dbsnp
NC_000014.9 30889673 rs121908934 T C . . RS=rs121908934;Source=dbsnp
NC_000014.9 30889691 rs17097468 A G . . RS=rs17097468;Source=dbsnp
NC_000014.9 30889763 rs121908932 G A,T . . RS=rs121908932;Source=dbsnp
NC_000014.9 30890641 rs6571366 T A,C,G . . RS=rs6571366;Source=dbsnp
NC_000014.9 31014749 rs11156654 T A . . RS=rs11156654;Source=dbsnp
NC_000014.9 31037299 rs7160965 T A,C . . RS=rs7160965;Source=dbsnp
NC_000014.9 31059866 rs17449560 G C . . RS=rs17449560;Source=dbsnp
NC_000014.9 31066217 rs797045251 G A . . RS=rs797045251;Source=dbsnp
NC_000014.9 31066225 rs147135554 A G . . RS=rs147135554;Source=dbsnp
NC_000014.9 31066320 rs387906970 C A,G,T . . RS=rs387906970;Source=dbsnp
NC_000014.9 31066333 rs876661295 AAGTAAGT AAGT . . RS=rs876661295;Source=dbsnp
NC_000014.9 31072968 rs200440467 C A,T . . RS=rs200440467;Source=dbsnp
NC_000014.9 31080570 rs185246578 C A . . RS=rs185246578;Source=dbsnp
NC_000014.9 31080626 rs74807133 G A . . RS=rs74807133;Source=dbsnp
NC_000014.9 31084775 rs200969079 A G . . RS=rs200969079;Source=dbsnp
NC_000014.9 31084867 rs143795469 C T . . RS=rs143795469;Source=dbsnp
NC_000014.9 31178035 rs2274201 G A . . RS=rs2274201;Source=dbsnp
NC_000014.9 31264436 rs727675 G A,C,T . . RS=rs727675;Source=dbsnp
NC_000014.9 31283458 rs927704 T C,G . . RS=rs927704;Source=dbsnp
NC_000014.9 31367154 rs11156667 C T . . RS=rs11156667;Source=dbsnp
NC_000014.9 31393927 rs10138277 T A,C . . RS=rs10138277;Source=dbsnp
NC_000014.9 31483548 rs17097921 G A . . RS=rs17097921;Source=dbsnp
NC_000014.9 31562125 rs200401432 G A . . RS=rs200401432;Source=dbsnp
NC_000014.9 31599308 rs201430951 T C . . RS=rs201430951;Source=dbsnp
NC_000014.9 31599310 rs397515440 G T . . RS=rs397515440;Source=dbsnp
NC_000014.9 31787811 rs61752327 T C . . RS=rs61752327;Source=dbsnp
NC_000014.9 31787845 rs552722349 A C,G . . RS=rs552722349;Source=dbsnp
NC_000014.9 31787859 rs11558436 A C . . RS=rs11558436;Source=dbsnp
NC_000014.9 31826683 rs879255565 GTGCTG GTGCTGCCTTGTGCTG . . RS=rs879255565;Source=dbsnp
NC_000014.9 31826715 rs751631278 G A . . RS=rs751631278;Source=dbsnp
NC_000014.9 31831584 rs2378945 G A . . RS=rs2378945;Source=dbsnp
NC_000014.9 31850092 rs118161496 T C . . RS=rs118161496;Source=dbsnp
NC_000014.9 31884044 rs2039485 T A,C,G . . RS=rs2039485;Source=dbsnp
NC_000014.9 31903446 rs4981929 A G . . RS=rs4981929;Source=dbsnp
```

```
NC_000014.9 31935521 rs1278911 T A,G . . RS=rs1278911;Source=dbsnp
NC_000014.9 31964652 rs915071 C G,T . . RS=rs915071;Source=dbsnp
NC_000014.9 32166366 rs7151991 A C,G,T . . RS=rs7151991;Source=dbsnp
NC_000014.9 32168596 rs9332386 T C . . RS=rs9332386;Source=dbsnp
NC_000014.9 32295555 rs8007042 C A,T . . RS=rs8007042;Source=dbsnp
NC_000014.9 32303121 rs6571507 A G . . RS=rs6571507;Source=dbsnp
NC_000014.9 32318941 rs11623278 T A,C . . RS=rs11623278;Source=dbsnp
NC_000014.9 32412040 rs8013938 T G . . RS=rs8013938;Source=dbsnp
NC_000014.9 32483161 rs4296166 A G . . RS=rs4296166;Source=dbsnp
NC_000014.9 32493094 rs7149108 G A . . RS=rs7149108;Source=dbsnp
NC_000014.9 32497142 rs17412116 G A,C . . RS=rs17412116;Source=dbsnp
NC_000014.9 32499820 rs1956993 G A . . RS=rs1956993;Source=dbsnp
NC_000014.9 32567451 rs17414154 G A . . RS=rs17414154;Source=dbsnp
NC_000014.9 32573797 rs1956211 G A,C,T . . RS=rs1956211;Source=dbsnp
NC_000014.9 32577265 rs768787 T A,G . . RS=rs768787;Source=dbsnp
NC_000014.9 32625843 rs927062 A G . . RS=rs927062;Source=dbsnp
NC_000014.9 32657278 rs10141122 T C . . RS=rs10141122;Source=dbsnp
NC_000014.9 32706736 rs1955513 T G . . RS=rs1955513;Source=dbsnp
NC_000014.9 32717051 rs981524 C A,G,T . . RS=rs981524;Source=dbsnp
NC_000014.9 32757415 rs17091659 C A,T . . RS=rs17091659;Source=dbsnp
NC_000014.9 32759092 rs910318 A G,T . . RS=rs910318;Source=dbsnp
NC_000014.9 32759675 rs2383376 C T . . RS=rs2383376;Source=dbsnp
NC_000014.9 32780875 rs10131032 G A . . RS=rs10131032;Source=dbsnp
NC_000014.9 32813264 rs2383378 C A,T . . RS=rs2383378;Source=dbsnp
NC_000014.9 32823537 rs2239647 A C . . RS=rs2239647;Source=dbsnp
NC_000014.9 32828349 rs2268952 C T . . RS=rs2268952;Source=dbsnp
NC_000014.9 32830276 rs4261436 T C . . RS=rs4261436;Source=dbsnp
NC_000014.9 32833676 rs17522122 G T . . RS=rs17522122;Source=dbsnp
NC_000014.9 32833754 rs12879159 G A . . RS=rs12879159;Source=dbsnp
NC_000014.9 32834582 rs12885467 T C . . RS=rs12885467;Source=dbsnp
NC_000014.9 32911892 rs12146962 T A,C . . RS=rs12146962;Source=dbsnp
NC_000014.9 32917553 rs10872871 C G,T . . RS=rs10872871;Source=dbsnp
NC_000014.9 32976492 rs1953433 G A . . RS=rs1953433;Source=dbsnp
NC_000014.9 33006392 rs7142052 C T . . RS=rs7142052;Source=dbsnp
NC_000014.9 33007060 rs4982029 G A . . RS=rs4982029;Source=dbsnp
NC_000014.9 33008959 rs4982031 A T . . RS=rs4982031;Source=dbsnp
NC_000014.9 33009299 rs10483422 A G . . RS=rs10483422;Source=dbsnp
NC_000014.9 33011716 rs8015959 C T . . RS=rs8015959;Source=dbsnp
NC_000014.9 33020166 rs17455703 A C,G . . RS=rs17455703;Source=dbsnp
NC_000014.9 33060989 rs8007613 A G . . RS=rs8007613;Source=dbsnp
NC_000014.9 33105464 rs974002 A G . . RS=rs974002;Source=dbsnp
NC_000014.9 33117357 rs17460823 G A . . RS=rs17460823;Source=dbsnp
NC_000014.9 33127518 rs10136259 T A,C . . RS=rs10136259;Source=dbsnp
NC_000014.9 33131632 rs10483426 T C . . RS=rs10483426;Source=dbsnp
NC_000014.9 33139900 rs10137682 T C . . RS=rs10137682;Source=dbsnp
NC_000014.9 33148006 rs10134570 G C . . RS=rs10134570;Source=dbsnp
NC_000014.9 33196383 rs12433161 C T . . RS=rs12433161;Source=dbsnp
NC_000014.9 33197521 rs4981180 T A,C,G . . RS=rs4981180;Source=dbsnp
```

```
NC_000014.9 33211268 rs12886242 A C . . RS=rs12886242;Source=dbsnp
NC_000014.9 33300706 rs11627967 G T . . RS=rs11627967;Source=dbsnp
NC_000014.9 33321403 rs1111533 A C . . RS=rs1111533;Source=dbsnp
NC_000014.9 33366595 rs10483437 T A . . RS=rs10483437;Source=dbsnp
NC_000014.9 33382208 rs11851892 C T . . RS=rs11851892;Source=dbsnp
NC_000014.9 33402851 rs4503707 C T . . RS=rs4503707;Source=dbsnp
NC_000014.9 33411008 rs12100538 A G . . RS=rs12100538;Source=dbsnp
NC_000014.9 33415344 rs10483442 C G,T . . RS=rs10483442;Source=dbsnp
NC_000014.9 33570303 rs11849533 A G . . RS=rs11849533;Source=dbsnp
NC_000014.9 33599495 rs8004379 A C,G . . RS=rs8004379;Source=dbsnp
NC_000014.9 33614444 rs17406989 C A,T . . RS=rs17406989;Source=dbsnp
NC_000014.9 33636319 rs8004607 G C . . RS=rs8004607;Source=dbsnp
NC_000014.9 33671679 rs7141612 T A,C . . RS=rs7141612;Source=dbsnp
NC_000014.9 33715580 rs1958055 G A . . RS=rs1958055;Source=dbsnp
NC_000014.9 33741804 rs8006023 G A . . RS=rs8006023;Source=dbsnp
NC_000014.9 33763566 rs17101861 C T . . RS=rs17101861;Source=dbsnp
NC_000014.9 33799961 rs12434716 G C . . RS=rs12434716;Source=dbsnp
NC_000014.9 33800515 rs10141940 C A,G,T . . RS=rs10141940;Source=dbsnp
NC_000014.9 33800569 rs10142034 C G . . RS=rs10142034;Source=dbsnp
NC_000014.9 33807278 rs7152286 A C . . RS=rs7152286;Source=dbsnp
NC_000014.9 33938877 rs1680695 T G . . RS=rs1680695;Source=dbsnp
NC_000014.9 33941686 rs996347 T C . . RS=rs996347;Source=dbsnp
NC_000014.9 33942159 rs1680692 A G . . RS=rs1680692;Source=dbsnp
NC_000014.9 33950541 rs34347250 C T . . RS=rs34347250;Source=dbsnp
NC_000014.9 34006606 rs1626390 G A,C . . RS=rs1626390;Source=dbsnp
NC_000014.9 34011308 rs974673 C T . . RS=rs974673;Source=dbsnp
NC_000014.9 34013320 rs1471639 A C,G . . RS=rs1471639;Source=dbsnp
NC_000014.9 34047374 rs4531650 C G . . RS=rs4531650;Source=dbsnp
NC_000014.9 34061733 rs712300 G A,T . . RS=rs712300;Source=dbsnp
NC_000014.9 34087702 rs1346902 G A,C . . RS=rs1346902;Source=dbsnp
NC_000014.9 34100820 rs737401 A C,G . . RS=rs737401;Source=dbsnp
NC_000014.9 34117457 rs2027338 C T . . RS=rs2027338;Source=dbsnp
NC_000014.9 34130140 rs4981220 G A . . RS=rs4981220;Source=dbsnp
NC_000014.9 34135863 rs17102248 T C . . RS=rs17102248;Source=dbsnp
NC_000014.9 34227705 rs1244362 C A,G,T . . RS=rs1244362;Source=dbsnp
NC_000014.9 34259025 rs11625217 G A . . RS=rs11625217;Source=dbsnp
NC_000014.9 34262386 rs12432593 C A,G . . RS=rs12432593;Source=dbsnp
NC_000014.9 34275220 rs4624074 T A,C,G . . RS=rs4624074;Source=dbsnp
NC_000014.9 34313130 rs12437203 G A . . RS=rs12437203;Source=dbsnp
NC_000014.9 34375170 rs1958589 T C . . RS=rs1958589;Source=dbsnp
NC_000014.9 34501728 rs7146116 C T . . RS=rs7146116;Source=dbsnp
NC_000014.9 34562963 rs9264 C T . . RS=rs9264;Source=dbsnp
NC_000014.9 34641651 rs4424827 C G,T . . RS=rs4424827;Source=dbsnp
NC_000014.9 34709962 rs17453240 G C . . RS=rs17453240;Source=dbsnp
NC_000014.9 34712909 rs587780312 A C . . RS=rs587780312;Source=dbsnp
NC_000014.9 34712925 rs145938782 C G,T . . RS=rs145938782;Source=dbsnp
NC_000014.9 34713462 rs80358250 C T . . RS=rs80358250;Source=dbsnp
NC_000014.9 34713491 rs797045460 G A,C . . RS=rs797045460;Source=dbsnp
```

```
NC_000014.9 34713546 rs397515451 C T . . RS=rs397515451;Source=dbsnp
NC_000014.9 34713550 rs542840152 A G . . RS=rs542840152;Source=dbsnp
NC_000014.9 34752033 rs6571686 T A,C . . RS=rs6571686;Source=dbsnp
NC_000014.9 34840969 rs77945277 A G . . RS=rs77945277;Source=dbsnp
NC_000014.9 34897929 rs1200332 T C,G . . RS=rs1200332;Source=dbsnp
NC_000014.9 34927973 rs799454 A C,G . . RS=rs799454;Source=dbsnp
NC_000014.9 34998761 rs4982235 C G,T . . RS=rs4982235;Source=dbsnp
NC_000014.9 34999687 rs12433712 T A,C,G . . RS=rs12433712;Source=dbsnp
NC_000014.9 35022137 rs9322942 T A,C,G . . RS=rs9322942;Source=dbsnp
NC_000014.9 35027805 rs11625046 T G . . RS=rs11625046;Source=dbsnp
NC_000014.9 35028060 rs17510813 C T . . RS=rs17510813;Source=dbsnp
NC_000014.9 35034120 rs799466 T C . . RS=rs799466;Source=dbsnp
NC_000014.9 35046893 rs799474 C G . . RS=rs799474;Source=dbsnp
NC_000014.9 35071558 rs17595975 G A,T . . RS=rs17595975;Source=dbsnp
NC_000014.9 35077176 rs730882244 A AA . . RS=rs730882244;Source=dbsnp
NC_000014.9 35087274 rs17103033 T A,C . . RS=rs17103033;Source=dbsnp
NC_000014.9 35087292 rs10483452 A C . . RS=rs10483452;Source=dbsnp
NC_000014.9 35089920 rs2038255 C T . . RS=rs2038255;Source=dbsnp
NC_000014.9 35125236 rs10141085 G A . . RS=rs10141085;Source=dbsnp
NC_000014.9 35150610 rs11156875 A G,T . . RS=rs11156875;Source=dbsnp
NC_000014.9 35169914 rs12436663 G A . . RS=rs12436663;Source=dbsnp
NC_000014.9 35212966 rs12586317 T A,C,G . . RS=rs12586317;Source=dbsnp
NC_000014.9 35225975 rs8008319 T A . . RS=rs8008319;Source=dbsnp
NC_000014.9 35258383 rs7157492 G A,T . . RS=rs7157492;Source=dbsnp
NC_000014.9 35266761 rs11156878 A G . . RS=rs11156878;Source=dbsnp
NC_000014.9 35271735 rs2899832 A G . . RS=rs2899832;Source=dbsnp
NC_000014.9 35273857 rs7218 T A . . RS=rs7218;Source=dbsnp
NC_000014.9 35278065 rs57275892 G A . . RS=rs57275892;Source=dbsnp
NC_000014.9 35286531 rs4982254 C G,T . . RS=rs4982254;Source=dbsnp
NC_000014.9 35292367 rs2277460 C A,T . . RS=rs2277460;Source=dbsnp
NC_000014.9 35292469 rs1048990 C G,T . . RS=rs1048990;Source=dbsnp
NC_000014.9 35303372 rs12878391 A G . . RS=rs12878391;Source=dbsnp
NC_000014.9 35337763 rs1951273 T C . . RS=rs1951273;Source=dbsnp
NC_000014.9 35340878 rs4981283 A G . . RS=rs4981283;Source=dbsnp
NC_000014.9 35363460 rs8016947 T C,G . . RS=rs8016947;Source=dbsnp
NC_000014.9 35369183 rs12435366 C T . . RS=rs12435366;Source=dbsnp
NC_000014.9 35370030 rs2145623 G C . . RS=rs2145623;Source=dbsnp
NC_000014.9 35383268 rs12883343 C G,T . . RS=rs12883343;Source=dbsnp
NC_000014.9 35383819 rs7152376 T C,G . . RS=rs7152376;Source=dbsnp
NC_000014.9 35384182 rs1951276 G A,C . . RS=rs1951276;Source=dbsnp
NC_000014.9 35384908 rs8019505 G A . . RS=rs8019505;Source=dbsnp
NC_000014.9 35387932 rs12891443 G T . . RS=rs12891443;Source=dbsnp
NC_000014.9 35390868 rs743228 C T . . RS=rs743228;Source=dbsnp
NC_000014.9 35393198 rs7152826 C A . . RS=rs7152826;Source=dbsnp
NC_000014.9 35399308 rs3138056 C T . . RS=rs3138056;Source=dbsnp
NC_000014.9 35401248 rs3138055 C G,T . . RS=rs3138055;Source=dbsnp
NC_000014.9 35401592 rs2273650 C T . . RS=rs2273650;Source=dbsnp
NC_000014.9 35401887 rs696 C G,T . . RS=rs696;Source=dbsnp
```

```
NC_000014.9 35402011 rs8904 G A,C,T . . RS=rs8904;Source=dbsnp
NC_000014.9 35402201 rs1022714 A C,G,T . . RS=rs1022714;Source=dbsnp
NC_000014.9 35402754 rs2233419 G A . . RS=rs2233419;Source=dbsnp
NC_000014.9 35402888 rs2233417 C T . . RS=rs2233417;Source=dbsnp
NC_000014.9 35403101 rs3138054 C G,T . . RS=rs3138054;Source=dbsnp
NC_000014.9 35403586 rs2233415 A C,G,T . . RS=rs2233415;Source=dbsnp
NC_000014.9 35403720 rs1050851 G A . . RS=rs1050851;Source=dbsnp
NC_000014.9 35404550 rs28933100 C A,T . . RS=rs28933100;Source=dbsnp
NC_000014.9 35404564 rs1957106 G A,T . . RS=rs1957106;Source=dbsnp
NC_000014.9 35404605 rs121913665 C A . . RS=rs121913665;Source=dbsnp
NC_000014.9 35404613 rs121913664 C T . . RS=rs121913664;Source=dbsnp
NC_000014.9 35405064 rs2233409 G A . . RS=rs2233409;Source=dbsnp
NC_000014.9 35405286 rs2233408 G A,C . . RS=rs2233408;Source=dbsnp
NC_000014.9 35405317 rs2233407 T A,C . . RS=rs2233407;Source=dbsnp
NC_000014.9 35405503 rs17103265 AAA AA . . RS=rs17103265;Source=dbsnp
NC_000014.9 35405593 rs2233406 G A . . RS=rs2233406;Source=dbsnp
NC_000014.9 35405648 rs3138053 T C . . RS=rs3138053;Source=dbsnp
NC_000014.9 35405815 rs3138052 T C . . RS=rs3138052;Source=dbsnp
NC_000014.9 35406163 rs3138050 G A,C,T . . RS=rs3138050;Source=dbsnp
NC_000014.9 35406370 rs11569611 CAG C . . RS=rs11569611;Source=dbsnp
NC_000014.9 35406565 rs7157810 G A,T . . RS=rs7157810;Source=dbsnp
NC_000014.9 35408515 rs3138045 T C,G . . RS=rs3138045;Source=dbsnp
NC_000014.9 35409225 rs10148482 T C . . RS=rs10148482;Source=dbsnp
NC_000014.9 35411536 rs1951269 A C,G . . RS=rs1951269;Source=dbsnp
NC_000014.9 35411612 rs4982270 C G,T . . RS=rs4982270;Source=dbsnp
NC_000014.9 35413729 rs2007960 A T . . RS=rs2007960;Source=dbsnp
NC_000014.9 35414472 rs17103274 T C . . RS=rs17103274;Source=dbsnp
NC_000014.9 35415418 rs8013309 T C . . RS=rs8013309;Source=dbsnp
NC_000014.9 35415433 rs1012919 T G . . RS=rs1012919;Source=dbsnp
NC_000014.9 35415609 rs17103282 C T . . RS=rs17103282;Source=dbsnp
NC_000014.9 35415835 rs17103286 A C,G,T . . RS=rs17103286;Source=dbsnp
NC_000014.9 35416080 rs8018407 T A,C . . RS=rs8018407;Source=dbsnp
NC_000014.9 35416541 rs8018193 G A . . RS=rs8018193;Source=dbsnp
NC_000014.9 35417749 rs2415290 C G,T . . RS=rs2415290;Source=dbsnp
NC_000014.9 35418225 rs8008601 C G,T . . RS=rs8008601;Source=dbsnp
NC_000014.9 35421655 rs762009 A G,T . . RS=rs762009;Source=dbsnp
NC_000014.9 35424419 rs4982271 G A,T . . RS=rs4982271;Source=dbsnp
NC_000014.9 35478408 rs10132268 C T . . RS=rs10132268;Source=dbsnp
NC_000014.9 35549217 rs796052176 C G,T . . RS=rs796052176;Source=dbsnp
NC_000014.9 35566961 rs10483456 C A,T . . RS=rs10483456;Source=dbsnp
NC_000014.9 35660765 rs4982303 A C . . RS=rs4982303;Source=dbsnp
NC_000014.9 35683971 rs2274068 T C,G . . RS=rs2274068;Source=dbsnp
NC_000014.9 35902426 rs723204 G A . . RS=rs723204;Source=dbsnp
NC_000014.9 35928474 rs1168987 C A,T . . RS=rs1168987;Source=dbsnp
NC_000014.9 35989235 rs10483461 C T . . RS=rs10483461;Source=dbsnp
NC_000014.9 35998147 rs17103757 G A,C . . RS=rs17103757;Source=dbsnp
NC_000014.9 36002338 rs847501 G A,C,T . . RS=rs847501;Source=dbsnp
NC_000014.9 36015774 rs12100904 A G . . RS=rs12100904;Source=dbsnp
```

```
NC_000014.9 36063370 rs368187 G A,C,T . . RS=rs368187;Source=dbsnp
NC_000014.9 36074442 rs434052 A G . . RS=rs434052;Source=dbsnp
NC_000014.9 36104812 rs1537424 C G,T . . RS=rs1537424;Source=dbsnp
NC_000014.9 36140472 rs2415317 G A,C . . RS=rs2415317;Source=dbsnp
NC_000014.9 36169016 rs934075 G A . . RS=rs934075;Source=dbsnp
NC_000014.9 36171395 rs1169151 G A,C . . RS=rs1169151;Source=dbsnp
NC_000014.9 36180040 rs944289 C T . . RS=rs944289;Source=dbsnp
NC_000014.9 36182597 rs2787417 T C . . RS=rs2787417;Source=dbsnp
NC_000014.9 36205321 rs1952706 C G,T . . RS=rs1952706;Source=dbsnp
NC_000014.9 36205828 rs10139973 A C,G . . RS=rs10139973;Source=dbsnp
NC_000014.9 36214573 rs7148603 G A,C . . RS=rs7148603;Source=dbsnp
NC_000014.9 36216975 rs1766135 C T . . RS=rs1766135;Source=dbsnp
NC_000014.9 36217848 rs2787423 G A,C . . RS=rs2787423;Source=dbsnp
NC_000014.9 36218518 rs17553775 C G,T . . RS=rs17553775;Source=dbsnp
NC_000014.9 36218768 rs1766136 A C . . RS=rs1766136;Source=dbsnp
NC_000014.9 36219310 rs1755774 A G . . RS=rs1755774;Source=dbsnp
NC_000014.9 36227136 rs1766143 A C,G . . RS=rs1766143;Source=dbsnp
NC_000014.9 36230435 rs1766145 A T . . RS=rs1766145;Source=dbsnp
NC_000014.9 36231169 rs1755784 A G,T . . RS=rs1755784;Source=dbsnp
NC_000014.9 36235230 rs1632250 T A,C . . RS=rs1632250;Source=dbsnp
NC_000014.9 36235879 rs1755787 A T . . RS=rs1755787;Source=dbsnp
NC_000014.9 36242363 rs1863347 G A,C,T . . RS=rs1863347;Source=dbsnp
NC_000014.9 36252183 rs28397092 G A . . RS=rs28397092;Source=dbsnp
NC_000014.9 36488976 rs35852547 A C,G . . RS=rs35852547;Source=dbsnp
NC_000014.9 36506369 rs1005343 C A,G,T . . RS=rs1005343;Source=dbsnp
NC_000014.9 36515306 rs999460 C T . . RS=rs999460;Source=dbsnp
NC_000014.9 36517293 rs886038404 G A . . RS=rs886038404;Source=dbsnp
NC_000014.9 36517576 rs387906404 CCC CC . . RS=rs387906404;Source=dbsnp
NC_000014.9 36517739 rs137852694 G A . . RS=rs137852694;Source=dbsnp
NC_000014.9 36517757 rs28936671 G T . . RS=rs28936671;Source=dbsnp
NC_000014.9 36517771 rs28936672 C A,T . . RS=rs28936672;Source=dbsnp
NC_000014.9 36517781 rs137852692 C A . . RS=rs137852692;Source=dbsnp
NC_000014.9 36517811 rs587776707 CC CCCC . . RS=rs587776707;Source=dbsnp
NC_000014.9 36517871 rs137852693 C A,G . . RS=rs137852693;Source=dbsnp
NC_000014.9 36517901 rs199474692 GG G . . RS=rs199474692;Source=dbsnp
NC_000014.9 36517960 rs863225300 G T . . RS=rs863225300;Source=dbsnp
NC_000014.9 36518022 rs587776708 T A,C . . RS=rs587776708;Source=dbsnp
NC_000014.9 36519104 rs587776709 CCCCCC CCCCC,CCCCCCC . . RS=rs587776709;Source=dbsnp
NC_000014.9 36519247 rs747491554 C A,G,T . . RS=rs747491554;Source=dbsnp
NC_000014.9 36520214 rs2076751 C A,G,T . . RS=rs2076751;Source=dbsnp
NC_000014.9 36522024 rs12894724 C T . . RS=rs12894724;Source=dbsnp
NC_000014.9 36524701 rs12589672 A T . . RS=rs12589672;Source=dbsnp
NC_000014.9 36530844 rs17104630 A G . . RS=rs17104630;Source=dbsnp
NC_000014.9 36569105 rs7144325 T G . . RS=rs7144325;Source=dbsnp
NC_000014.9 36620824 rs11622332 G A,C,T . . RS=rs11622332;Source=dbsnp
NC_000014.9 36628983 rs1983667 A T . . RS=rs1983667;Source=dbsnp
NC_000014.9 36654045 rs1018466 A C . . RS=rs1018466;Source=dbsnp
NC_000014.9 36657839 rs4904155 C G . . RS=rs4904155;Source=dbsnp
```

```
NC_000014.9 36659731 rs2073241 G C,T . . RS=rs2073241;Source=dbsnp
NC_000014.9 36660136 rs2073242 A C,G,T . . RS=rs2073242;Source=dbsnp
NC_000014.9 36660669 rs2073244 A G,T . . RS=rs2073244;Source=dbsnp
NC_000014.9 36661540 rs2073247 C T . . RS=rs2073247;Source=dbsnp
NC_000014.9 36662954 rs28933970 T C . . RS=rs28933970;Source=dbsnp
NC_000014.9 36662968 rs28933972 C T . . RS=rs28933972;Source=dbsnp
NC_000014.9 36662975 rs28933971 G A,C . . RS=rs28933971;Source=dbsnp
NC_000014.9 36663031 rs121917720 C T . . RS=rs121917720;Source=dbsnp
NC_000014.9 36663043 rs104894469 G A,T . . RS=rs104894469;Source=dbsnp
NC_000014.9 36663151 rs104894468 A T . . RS=rs104894468;Source=dbsnp
NC_000014.9 36663163 rs28933373 A G . . RS=rs28933373;Source=dbsnp
NC_000014.9 36663232 rs104894467 A C,T . . RS=rs104894467;Source=dbsnp
NC_000014.9 36663408 rs61734510 G A . . RS=rs61734510;Source=dbsnp
NC_000014.9 36663501 rs61754301 C T . . RS=rs61754301;Source=dbsnp
NC_000014.9 36663564 rs2236007 G A,C . . RS=rs2236007;Source=dbsnp
NC_000014.9 36665286 rs2295218 T A . . RS=rs2295218;Source=dbsnp
NC_000014.9 36666547 rs12881240 C G,T . . RS=rs12881240;Source=dbsnp
NC_000014.9 36666548 rs4904210 G A,C . . RS=rs4904210;Source=dbsnp
NC_000014.9 36668175 rs12892031 A C,G,T . . RS=rs12892031;Source=dbsnp
NC_000014.9 36669089 rs11629412 G A,C . . RS=rs11629412;Source=dbsnp
NC_000014.9 36669423 rs1955734 T C,G . . RS=rs1955734;Source=dbsnp
NC_000014.9 36671299 rs8004187 C A,T . . RS=rs8004187;Source=dbsnp
NC_000014.9 36673764 rs17176643 C A . . RS=rs17176643;Source=dbsnp
NC_000014.9 36675402 rs7144276 A T . . RS=rs7144276;Source=dbsnp
NC_000014.9 36676711 rs17104965 C A,T . . RS=rs17104965;Source=dbsnp
NC_000014.9 36676881 rs17766200 T C,G . . RS=rs17766200;Source=dbsnp
NC_000014.9 36677270 rs11847165 C T . . RS=rs11847165;Source=dbsnp
NC_000014.9 36680955 rs8010306 A G . . RS=rs8010306;Source=dbsnp
NC_000014.9 36711480 rs17105087 T C,G . . RS=rs17105087;Source=dbsnp
NC_000014.9 36742361 rs1033594 T A,C . . RS=rs1033594;Source=dbsnp
NC_000014.9 36851009 rs382321 C T . . RS=rs382321;Source=dbsnp
NC_000014.9 36858307 rs7144374 C A,T . . RS=rs7144374;Source=dbsnp
NC_000014.9 36902519 rs848694 C G,T . . RS=rs848694;Source=dbsnp
NC_000014.9 36918622 rs17105696 A C,G . . RS=rs17105696;Source=dbsnp
NC_000014.9 36931636 rs6571767 C T . . RS=rs6571767;Source=dbsnp
NC_000014.9 36937831 rs7148646 A G,T . . RS=rs7148646;Source=dbsnp
NC_000014.9 36977000 rs12888531 T C . . RS=rs12888531;Source=dbsnp
NC_000014.9 37062697 rs1956424 G A,C . . RS=rs1956424;Source=dbsnp
NC_000014.9 37151549 rs7140725 T A,C . . RS=rs7140725;Source=dbsnp
NC_000014.9 37246853 rs7143938 A G,T . . RS=rs7143938;Source=dbsnp
NC_000014.9 37248090 rs7150986 G A . . RS=rs7150986;Source=dbsnp
NC_000014.9 37531976 rs17768343 A C,T . . RS=rs17768343;Source=dbsnp
NC_000014.9 37568704 rs79272428 A G . . RS=rs79272428;Source=dbsnp
NC_000014.9 37569263 rs17106852 A G . . RS=rs17106852;Source=dbsnp
NC_000014.9 37588860 rs12894364 C T . . RS=rs12894364;Source=dbsnp
NC_000014.9 37592537 rs7144658 C G,T . . RS=rs7144658;Source=dbsnp
NC_000014.9 37598943 rs2145146 C A . . RS=rs2145146;Source=dbsnp
NC_000014.9 37607943 rs1998359 C G,T . . RS=rs1998359;Source=dbsnp
```

```
NC_000014.9 37642665 rs177852 C T . . RS=rs177852;Source=dbsnp
NC_000014.9 37658409 rs177876 T C,G . . RS=rs177876;Source=dbsnp
NC_000014.9 37658670 rs9671863 A G . . RS=rs9671863;Source=dbsnp
NC_000014.9 37746207 rs1957577 G A,C,T . . RS=rs1957577;Source=dbsnp
NC_000014.9 37804717 rs12896790 T G . . RS=rs12896790;Source=dbsnp
NC_000014.9 37814386 rs8018889 C T . . RS=rs8018889;Source=dbsnp
NC_000014.9 38108328 rs2415438 A G . . RS=rs2415438;Source=dbsnp
NC_000014.9 38108596 rs10498337 T G . . RS=rs10498337;Source=dbsnp
NC_000014.9 38210875 rs12889916 T C . . RS=rs12889916;Source=dbsnp
NC_000014.9 38313138 rs35372009 TTTTTTTTTTTTT TTTTTTTTTT,TTTTTTTTTTTT,TTTTTTTTTTTTT,TTTTTT
. . RS=rs35372009;Source=dbsnp
NC_000014.9 38378799 rs1754680 A G . . RS=rs1754680;Source=dbsnp
NC_000014.9 38472648 rs78583889 G C . . RS=rs78583889;Source=dbsnp
NC_000014.9 38532794 rs10083358 A G . . RS=rs10083358;Source=dbsnp
NC_000014.9 38551301 rs10498345 T A . . RS=rs10498345;Source=dbsnp
NC_000014.9 38707617 rs1449725 C T . . RS=rs1449725;Source=dbsnp
NC_000014.9 38950424 rs11622736 T A,G . . RS=rs11622736;Source=dbsnp
NC_000014.9 39007303 rs8014021 C A,G,T . . RS=rs8014021;Source=dbsnp
NC_000014.9 39023441 rs2038358 T A,C . . RS=rs2038358;Source=dbsnp
NC_000014.9 39040770 rs138568622 T C . . RS=rs138568622;Source=dbsnp
NC_000014.9 39067256 rs118204000 A G . . RS=rs118204000;Source=dbsnp
NC_000014.9 39086981 rs8018720 G C,T . . RS=rs8018720;Source=dbsnp
NC_000014.9 39136338 rs9322993 T A,C,G . . RS=rs9322993;Source=dbsnp
NC_000014.9 39181720 rs13021 A G . . RS=rs13021;Source=dbsnp
NC_000014.9 39245783 rs10140832 T A,C . . RS=rs10140832;Source=dbsnp
NC_000014.9 39304778 rs12433610 T A,G . . RS=rs12433610;Source=dbsnp
NC_000014.9 39320945 rs36060072 C G,T . . RS=rs36060072;Source=dbsnp
NC_000014.9 39374915 rs8014839 A C,G,T . . RS=rs8014839;Source=dbsnp
NC_000014.9 39444622 rs9332387 T A,G . . RS=rs9332387;Source=dbsnp
NC_000014.9 39445993 rs2038281 A G . . RS=rs2038281;Source=dbsnp
NC_000014.9 39535687 rs12431815 A G . . RS=rs12431815;Source=dbsnp
NC_000014.9 39545301 rs4902762 A G,T . . RS=rs4902762;Source=dbsnp
NC_000014.9 39548446 rs2415551 A C . . RS=rs2415551;Source=dbsnp
NC_000014.9 39627781 rs744511 A G,T . . RS=rs744511;Source=dbsnp
NC_000014.9 39687049 rs7157590 C G . . RS=rs7157590;Source=dbsnp
NC_000014.9 39860228 rs4903096 C A,G . . RS=rs4903096;Source=dbsnp
NC_000014.9 39978496 rs417245 T A,C,G . . RS=rs417245;Source=dbsnp
NC_000014.9 40055761 rs4903274 G A,T . . RS=rs4903274;Source=dbsnp
NC_000014.9 40068446 rs11621041 A C,G . . RS=rs11621041;Source=dbsnp
NC_000014.9 40076250 rs4134425 T C . . RS=rs4134425;Source=dbsnp
NC_000014.9 40205737 rs735543 G A,C,T . . RS=rs735543;Source=dbsnp
NC_000014.9 40356636 rs12897470 G A,C,T . . RS=rs12897470;Source=dbsnp
NC_000014.9 40362800 rs7147817 A G . . RS=rs7147817;Source=dbsnp
NC_000014.9 40370665 rs4903707 A G,T . . RS=rs4903707;Source=dbsnp
NC_000014.9 40554488 rs1475807 G A . . RS=rs1475807;Source=dbsnp
NC_000014.9 40575322 rs2415621 T C . . RS=rs2415621;Source=dbsnp
NC_000014.9 40917801 rs1154140 G A . . RS=rs1154140;Source=dbsnp
NC_000014.9 40962487 rs9323037 T C . . RS=rs9323037;Source=dbsnp
```

```
NC_000014.9 41227938 rs1782182 G A,C . . RS=rs1782182;Source=dbsnp
NC_000014.9 41246365 rs1782134 T A,C . . RS=rs1782134;Source=dbsnp
NC_000014.9 41256968 rs1782141 A C,G . . RS=rs1782141;Source=dbsnp
NC_000014.9 41260570 rs1782144 G A . . RS=rs1782144;Source=dbsnp
NC_000014.9 41261173 rs1782145 C T . . RS=rs1782145;Source=dbsnp
NC_000014.9 41266738 rs1612945 C G,T . . RS=rs1612945;Source=dbsnp
NC_000014.9 41287366 rs1782159 C T . . RS=rs1782159;Source=dbsnp
NC_000014.9 41303030 rs2798983 C T . . RS=rs2798983;Source=dbsnp
NC_000014.9 41313498 rs11157219 A G,T . . RS=rs11157219;Source=dbsnp
NC_000014.9 41334088 rs1006417 A G . . RS=rs1006417;Source=dbsnp
NC_000014.9 41478625 rs7143973 T C . . RS=rs7143973;Source=dbsnp
NC_000014.9 41504140 rs9285572 T A,C,G . . RS=rs9285572;Source=dbsnp
NC_000014.9 41705421 rs7141285 T G . . RS=rs7141285;Source=dbsnp
NC_000014.9 41718713 rs10149831 A G,T . . RS=rs10149831;Source=dbsnp
NC_000014.9 41735713 rs4904757 T A,G . . RS=rs4904757;Source=dbsnp
NC_000014.9 41825790 rs36024104 A G,T . . RS=rs36024104;Source=dbsnp
NC_000014.9 41840400 rs4143896 A T . . RS=rs4143896;Source=dbsnp
NC_000014.9 41842228 rs12878452 T C . . RS=rs12878452;Source=dbsnp
NC_000014.9 41844240 rs61988414 A G . . RS=rs61988414;Source=dbsnp
NC_000014.9 41887200 rs869312921 C T . . RS=rs869312921;Source=dbsnp
NC_000014.9 41887494 rs370216412 C T . . RS=rs370216412;Source=dbsnp
NC_000014.9 41939740 rs11846415 G A,C,T . . RS=rs11846415;Source=dbsnp
NC_000014.9 42029870 rs1684720 T A,C . . RS=rs1684720;Source=dbsnp
NC_000014.9 42085290 rs3033053 CAGTCAGCAG CAG . . RS=rs3033053;Source=dbsnp
NC_000014.9 42142757 rs7155941 A G,T . . RS=rs7155941;Source=dbsnp
NC_000014.9 42150058 rs1954627 G A,C . . RS=rs1954627;Source=dbsnp
NC_000014.9 42231324 rs10498365 G A . . RS=rs10498365;Source=dbsnp
NC_000014.9 42336702 rs1483898 T A,C,G . . RS=rs1483898;Source=dbsnp
NC_000014.9 42362695 rs12883508 T C . . RS=rs12883508;Source=dbsnp
NC_000014.9 42579845 rs1499384 A G . . RS=rs1499384;Source=dbsnp
NC_000014.9 42693894 rs1712738 A G,T . . RS=rs1712738;Source=dbsnp
NC_000014.9 42699522 rs1627270 T A . . RS=rs1627270;Source=dbsnp
NC_000014.9 42702125 rs1627411 T A,C,G . . RS=rs1627411;Source=dbsnp
NC_000014.9 42703075 rs1698533 G A,T . . RS=rs1698533;Source=dbsnp
NC_000014.9 42703140 rs1698534 A G . . RS=rs1698534;Source=dbsnp
NC_000014.9 42719707 rs1777077 C A,G,T . . RS=rs1777077;Source=dbsnp
NC_000014.9 42855003 rs2044747 A C,G,T . . RS=rs2044747;Source=dbsnp
NC_000014.9 43017765 rs7151781 T C . . RS=rs7151781;Source=dbsnp
NC_000014.9 43511500 rs2009767 T C,G . . RS=rs2009767;Source=dbsnp
NC_000014.9 43541586 rs8005625 G A,T . . RS=rs8005625;Source=dbsnp
NC_000014.9 43616565 rs8011986 T C . . RS=rs8011986;Source=dbsnp
NC_000014.9 43621725 rs7146388 A G . . RS=rs7146388;Source=dbsnp
NC_000014.9 43636495 rs7140723 C A . . RS=rs7140723;Source=dbsnp
NC_000014.9 43840512 rs1957491 T A,G . . RS=rs1957491;Source=dbsnp
NC_000014.9 43924621 rs1957481 T C,G . . RS=rs1957481;Source=dbsnp
NC_000014.9 43963949 rs7144284 T A,C . . RS=rs7144284;Source=dbsnp
NC_000014.9 43968836 rs1957496 T A,C,G . . RS=rs1957496;Source=dbsnp
NC_000014.9 44069894 rs17114690 T C . . RS=rs17114690;Source=dbsnp
```

```
NC_000014.9 44071357 rs2415836 A C,G,T . . RS=rs2415836;Source=dbsnp
NC_000014.9 44153114 rs11845717 T C,G . . RS=rs11845717;Source=dbsnp
NC_000014.9 44264601 rs8021486 A C,G,T . . RS=rs8021486;Source=dbsnp
NC_000014.9 44312837 rs10444671 G C . . RS=rs10444671;Source=dbsnp
NC_000014.9 44505763 rs1959379 G A . . RS=rs1959379;Source=dbsnp
NC_000014.9 44505849 rs3825630 A G,T . . RS=rs3825630;Source=dbsnp
NC_000014.9 44506403 rs3809429 G A,T . . RS=rs3809429;Source=dbsnp
NC_000014.9 44520496 rs1118997 C T . . RS=rs1118997;Source=dbsnp
NC_000014.9 44638258 rs2415872 C A,G,T . . RS=rs2415872;Source=dbsnp
NC_000014.9 44700086 rs807331 C A,T . . RS=rs807331;Source=dbsnp
NC_000014.9 44845780 rs7143583 G A . . RS=rs7143583;Source=dbsnp
NC_000014.9 45073835 rs1053667 T C . . RS=rs1053667;Source=dbsnp
NC_000014.9 45112961 rs17115814 C T . . RS=rs17115814;Source=dbsnp
NC_000014.9 45136260 rs61746895 A G . . RS=rs61746895;Source=dbsnp
NC_000014.9 45137084 rs10138997 C A,T . . RS=rs10138997;Source=dbsnp
NC_000014.9 45137087 rs77374493 C T . . RS=rs77374493;Source=dbsnp
NC_000014.9 45151519 rs140998495 G A,T . . RS=rs140998495;Source=dbsnp
NC_000014.9 45159077 rs875989813 TTTTT TTTT . . RS=rs875989813;Source=dbsnp
NC_000014.9 45159190 rs797045116 A AA . . RS=rs797045116;Source=dbsnp
NC_000014.9 45167125 rs61753893 A G . . RS=rs61753893;Source=dbsnp
NC_000014.9 45173065 rs137852864 C A . . RS=rs137852864;Source=dbsnp
NC_000014.9 45175199 rs61745871 G A . . RS=rs61745871;Source=dbsnp
NC_000014.9 45175386 rs1367580 G C,T . . RS=rs1367580;Source=dbsnp
NC_000014.9 45175503 rs148871932 A G . . RS=rs148871932;Source=dbsnp
NC_000014.9 45175794 rs77532752 G T . . RS=rs77532752;Source=dbsnp
NC_000014.9 45176512 rs45604036 A G,T . . RS=rs45604036;Source=dbsnp
NC_000014.9 45176617 rs116519044 A G . . RS=rs116519044;Source=dbsnp
NC_000014.9 45181697 rs78211950 A C,G,T . . RS=rs78211950;Source=dbsnp
NC_000014.9 45182762 rs11845507 G A . . RS=rs11845507;Source=dbsnp
NC_000014.9 45185208 rs796584585 CTTACTTA CTTA . . RS=rs796584585;Source=dbsnp
NC_000014.9 45185224 rs561723791 C G . . RS=rs561723791;Source=dbsnp
NC_000014.9 45188900 rs150389713 T C . . RS=rs150389713;Source=dbsnp
NC_000014.9 45188927 rs886038662 T C . . RS=rs886038662;Source=dbsnp
NC_000014.9 45188953 rs138151018 G A . . RS=rs138151018;Source=dbsnp
NC_000014.9 45189164 rs111894696 G A . . RS=rs111894696;Source=dbsnp
NC_000014.9 45189212 rs7142192 G A . . RS=rs7142192;Source=dbsnp
NC_000014.9 45189246 rs143662421 A G . . RS=rs143662421;Source=dbsnp
NC_000014.9 45189306 rs376197752 C A . . RS=rs376197752;Source=dbsnp
NC_000014.9 45193311 rs4900664 C T . . RS=rs4900664;Source=dbsnp
NC_000014.9 45194625 rs7141145 G A . . RS=rs7141145;Source=dbsnp
NC_000014.9 45196265 rs3736772 C A,G . . RS=rs3736772;Source=dbsnp
NC_000014.9 45196458 rs45557033 A C,G . . RS=rs45557033;Source=dbsnp
NC_000014.9 45196487 rs79343837 C T . . RS=rs79343837;Source=dbsnp
NC_000014.9 45200002 rs8018014 T C . . RS=rs8018014;Source=dbsnp
NC_000014.9 45517802 rs7142055 C G,T . . RS=rs7142055;Source=dbsnp
NC_000014.9 45626687 rs1266270 A G . . RS=rs1266270;Source=dbsnp
NC_000014.9 45707898 rs1906810 A C,T . . RS=rs1906810;Source=dbsnp
NC_000014.9 45874286 rs373409 G A,T . . RS=rs373409;Source=dbsnp
```

```
NC_000014.9 45965382 rs6572335 A G . . RS=rs6572335;Source=dbsnp
NC_000014.9 45970841 rs1951319 G T . . RS=rs1951319;Source=dbsnp
NC_000014.9 45998628 rs17728971 A G . . RS=rs17728971;Source=dbsnp
NC_000014.9 46155176 rs751147 A G,T . . RS=rs751147;Source=dbsnp
NC_000014.9 46166207 rs60210535 A G . . RS=rs60210535;Source=dbsnp
NC_000014.9 46229988 rs865953 C A,T . . RS=rs865953;Source=dbsnp
NC_000014.9 46253459 rs11626637 A G . . RS=rs11626637;Source=dbsnp
NC_000014.9 46343258 rs12437159 C T . . RS=rs12437159;Source=dbsnp
NC_000014.9 46349819 rs12147964 G C . . RS=rs12147964;Source=dbsnp
NC_000014.9 46354284 rs2899976 G A . . RS=rs2899976;Source=dbsnp
NC_000014.9 46356122 rs11625735 T C,G . . RS=rs11625735;Source=dbsnp
NC_000014.9 46356678 rs2010338 T C . . RS=rs2010338;Source=dbsnp
NC_000014.9 46367909 rs2415974 C A,G,T . . RS=rs2415974;Source=dbsnp
NC_000014.9 46378223 rs8009432 A C,T . . RS=rs8009432;Source=dbsnp
NC_000014.9 46398286 rs10498398 C T . . RS=rs10498398;Source=dbsnp
NC_000014.9 46413069 rs8019899 G A,C,T . . RS=rs8019899;Source=dbsnp
NC_000014.9 46463088 rs11846013 G A,T . . RS=rs11846013;Source=dbsnp
NC_000014.9 46488574 rs1389608 C A . . RS=rs1389608;Source=dbsnp
NC_000014.9 46539309 rs17117423 T A,C,G . . RS=rs17117423;Source=dbsnp
NC_000014.9 46613802 rs10139381 T C . . RS=rs10139381;Source=dbsnp
NC_000014.9 46647230 rs1870884 T A,C . . RS=rs1870884;Source=dbsnp
NC_000014.9 46651643 rs193920822 G A . . RS=rs193920822;Source=dbsnp
NC_000014.9 46778772 rs1532202 T A . . RS=rs1532202;Source=dbsnp
NC_000014.9 46898413 rs3007105 C G,T . . RS=rs3007105;Source=dbsnp
NC_000014.9 46926157 rs1959813 C T . . RS=rs1959813;Source=dbsnp
NC_000014.9 46934481 rs12883384 A C,T . . RS=rs12883384;Source=dbsnp
NC_000014.9 46934974 rs7151262 C A,G . . RS=rs7151262;Source=dbsnp
NC_000014.9 46935815 rs2416009 A T . . RS=rs2416009;Source=dbsnp
NC_000014.9 46957434 rs12590500 C A . . RS=rs12590500;Source=dbsnp
NC_000014.9 46996974 rs9323124 T A . . RS=rs9323124;Source=dbsnp
NC_000014.9 47052286 rs961616 T A,C . . RS=rs961616;Source=dbsnp
NC_000014.9 47078541 rs12433343 A G . . RS=rs12433343;Source=dbsnp
NC_000014.9 47099865 rs10149991 A C,G,T . . RS=rs10149991;Source=dbsnp
NC_000014.9 47196799 rs8021814 T A,C . . RS=rs8021814;Source=dbsnp
NC_000014.9 47216656 rs17118176 A G . . RS=rs17118176;Source=dbsnp
NC_000014.9 47305298 rs2297926 G C,T . . RS=rs2297926;Source=dbsnp
NC_000014.9 47355318 rs2416054 C A,G,T . . RS=rs2416054;Source=dbsnp
NC_000014.9 47393274 rs10483573 C G,T . . RS=rs10483573;Source=dbsnp
NC_000014.9 47394632 rs7159841 C G,T . . RS=rs7159841;Source=dbsnp
NC_000014.9 47477803 rs34362363 A G,T . . RS=rs34362363;Source=dbsnp
NC_000014.9 47494268 rs8019096 C T . . RS=rs8019096;Source=dbsnp
NC_000014.9 47497651 rs6572432 G A . . RS=rs6572432;Source=dbsnp
NC_000014.9 47505384 rs4900777 C T . . RS=rs4900777;Source=dbsnp
NC_000014.9 47506383 rs7155197 C T . . RS=rs7155197;Source=dbsnp
NC_000014.9 47506558 rs10137971 T A,C . . RS=rs10137971;Source=dbsnp
NC_000014.9 47515816 rs10147486 G A,T . . RS=rs10147486;Source=dbsnp
NC_000014.9 47516079 rs10483569 T C . . RS=rs10483569;Source=dbsnp
NC_000014.9 47536598 rs1955810 T A,C . . RS=rs1955810;Source=dbsnp
```

```
NC_000014.9 47546779 rs1160351 A C . . RS=rs1160351;Source=dbsnp
NC_000014.9 47638437 rs1958628 T C . . RS=rs1958628;Source=dbsnp
NC_000014.9 47857929 rs373389 T A,C . . RS=rs373389;Source=dbsnp
NC_000014.9 47871538 rs1451928 A C,G,T . . RS=rs1451928;Source=dbsnp
NC_000014.9 47887427 rs1952442 C G,T . . RS=rs1952442;Source=dbsnp
NC_000014.9 47889861 rs883159 G A . . RS=rs883159;Source=dbsnp
NC_000014.9 47891810 rs12893288 C T . . RS=rs12893288;Source=dbsnp
NC_000014.9 47914822 rs715994 C G,T . . RS=rs715994;Source=dbsnp
NC_000014.9 47988144 rs712442 A T . . RS=rs712442;Source=dbsnp
NC_000014.9 47988846 rs712444 A G,T . . RS=rs712444;Source=dbsnp
NC_000014.9 48058363 rs698322 T A,C . . RS=rs698322;Source=dbsnp
NC_000014.9 48081576 rs712484 C A,G . . RS=rs712484;Source=dbsnp
NC_000014.9 48319874 rs1769490 A T . . RS=rs1769490;Source=dbsnp
NC_000014.9 48399278 rs7147386 G A . . RS=rs7147386;Source=dbsnp
NC_000014.9 48468728 rs2900032 T C . . RS=rs2900032;Source=dbsnp
NC_000014.9 48605716 rs2225994 C A,G,T . . RS=rs2225994;Source=dbsnp
NC_000014.9 48741436 rs10140464 A G,T . . RS=rs10140464;Source=dbsnp
NC_000014.9 48773011 rs2261151 C T . . RS=rs2261151;Source=dbsnp
NC_000014.9 48903598 rs2352904 A C,G,T . . RS=rs2352904;Source=dbsnp
NC_000014.9 48909045 rs1986410 C A,T . . RS=rs1986410;Source=dbsnp
NC_000014.9 48957639 rs7158872 G T . . RS=rs7158872;Source=dbsnp
NC_000014.9 48994281 rs11845208 A G . . RS=rs11845208;Source=dbsnp
NC_000014.9 49011216 rs764602 C T . . RS=rs764602;Source=dbsnp
NC_000014.9 49140552 rs8008169 C A . . RS=rs8008169;Source=dbsnp
NC_000014.9 49321339 rs11846868 G A,C,T . . RS=rs11846868;Source=dbsnp
NC_000014.9 49421667 rs8015351 A G,T . . RS=rs8015351;Source=dbsnp
NC_000014.9 49493524 rs10483556 A G . . RS=rs10483556;Source=dbsnp
NC_000014.9 49585963 rs587777569 A G . . RS=rs587777569;Source=dbsnp
NC_000014.9 49586021 rs587777568 T A . . RS=rs587777568;Source=dbsnp
NC_000014.9 49598999 rs2281836 G C,T . . RS=rs2281836;Source=dbsnp
NC_000014.9 49621979 rs730882218 G C . . RS=rs730882218;Source=dbsnp
NC_000014.9 49622001 rs117536357 G A,C . . RS=rs117536357;Source=dbsnp
NC_000014.9 49622053 rs104894447 A G . . RS=rs104894447;Source=dbsnp
NC_000014.9 49622137 rs104894446 C T . . RS=rs104894446;Source=dbsnp
NC_000014.9 49622220 rs104894448 A G . . RS=rs104894448;Source=dbsnp
NC_000014.9 49622285 rs104894449 T A . . RS=rs104894449;Source=dbsnp
NC_000014.9 49625753 rs9989177 T C . . RS=rs9989177;Source=dbsnp
NC_000014.9 49625844 rs727502965 T C . . RS=rs727502965;Source=dbsnp
NC_000014.9 49625880 rs80237479 T C . . RS=rs80237479;Source=dbsnp
NC_000014.9 49626184 rs2985697 T C . . RS=rs2985697;Source=dbsnp
NC_000014.9 49627997 rs886038646 C T . . RS=rs886038646;Source=dbsnp
NC_000014.9 49628066 rs34352773 T C,G . . RS=rs34352773;Source=dbsnp
NC_000014.9 49628195 rs2985696 C A . . RS=rs2985696;Source=dbsnp
NC_000014.9 49633271 rs60822508 T C . . RS=rs60822508;Source=dbsnp
NC_000014.9 49633299 rs147090213 G A . . RS=rs147090213;Source=dbsnp
NC_000014.9 49633524 rs35763780 C G . . RS=rs35763780;Source=dbsnp
NC_000014.9 49633555 rs143210369 T C . . RS=rs143210369;Source=dbsnp
NC_000014.9 49633564 rs777210474 T C,G . . RS=rs777210474;Source=dbsnp
```

```
NC_000014.9 49633656 rs2985688 C A,T . . RS=rs2985688;Source=dbsnp
NC_000014.9 49633668 rs2985687 T A,C,G . . RS=rs2985687;Source=dbsnp
NC_000014.9 49633687 rs200121200 C T . . RS=rs200121200;Source=dbsnp
NC_000014.9 49633744 rs150737854 C A,T . . RS=rs150737854;Source=dbsnp
NC_000014.9 49633783 rs137991407 G A . . RS=rs137991407;Source=dbsnp
NC_000014.9 49633851 rs886038645 G A . . RS=rs886038645;Source=dbsnp
NC_000014.9 49633881 rs886038644 C A,G . . RS=rs886038644;Source=dbsnp
NC_000014.9 49633936 rs397515341 GCCACGCAGGTATCGTG GCCACGCAGGTATCGTGCCACGCAGGTATCGTG
. . RS=rs397515341;Source=dbsnp
NC_000014.9 49633965 rs2985686 C G . . RS=rs2985686;Source=dbsnp
NC_000014.9 49634040 rs886038643 C A,G,T . . RS=rs886038643;Source=dbsnp
NC_000014.9 49634422 rs112044935 T G . . RS=rs112044935;Source=dbsnp
NC_000014.9 49634423 rs727504815 C A,T . . RS=rs727504815;Source=dbsnp
NC_000014.9 49634443 rs74050429 G A . . RS=rs74050429;Source=dbsnp
NC_000014.9 49634453 rs761407249 C T . . RS=rs761407249;Source=dbsnp
NC_000014.9 49634589 rs529083217 G A . . RS=rs529083217;Source=dbsnp
NC_000014.9 49634652 rs2985685 G A . . RS=rs2985685;Source=dbsnp
NC_000014.9 49634727 rs373251065 G A . . RS=rs373251065;Source=dbsnp
NC_000014.9 49634766 rs200484042 G T . . RS=rs200484042;Source=dbsnp
NC_000014.9 49634964 rs2985684 C A,G,T . . RS=rs2985684;Source=dbsnp
NC_000014.9 49635006 rs116185352 G A,T . . RS=rs116185352;Source=dbsnp
NC_000014.9 49635021 rs567371975 G A . . RS=rs567371975;Source=dbsnp
NC_000014.9 49635072 rs7156297 G A,C . . RS=rs7156297;Source=dbsnp
NC_000014.9 49635092 rs572322476 C G . . RS=rs572322476;Source=dbsnp
NC_000014.9 49635119 rs797045146 CC C . . RS=rs797045146;Source=dbsnp
NC_000014.9 49635127 rs137853191 G A,C,T . . RS=rs137853191;Source=dbsnp
NC_000014.9 49635130 rs577796590 G A,T . . RS=rs577796590;Source=dbsnp
NC_000014.9 49694971 rs10149544 T A,C,G . . RS=rs10149544;Source=dbsnp
NC_000014.9 49905817 rs3126184 T C,G . . RS=rs3126184;Source=dbsnp
NC_000014.9 49908788 rs10140366 C G,T . . RS=rs10140366;Source=dbsnp
NC_000014.9 50049996 rs11157721 T A,C,G . . RS=rs11157721;Source=dbsnp
NC_000014.9 50094227 rs7141809 A G . . RS=rs7141809;Source=dbsnp
NC_000014.9 50100164 rs7157296 G A . . RS=rs7157296;Source=dbsnp
NC_000014.9 50103507 rs8010248 A C . . RS=rs8010248;Source=dbsnp
NC_000014.9 50130603 rs61755576 T C . . RS=rs61755576;Source=dbsnp
NC_000014.9 50150075 rs114711076 C G . . RS=rs114711076;Source=dbsnp
NC_000014.9 50156098 rs13379306 C A,G . . RS=rs13379306;Source=dbsnp
NC_000014.9 50161551 rs869320687 G C . . RS=rs869320687;Source=dbsnp
NC_000014.9 50182521 rs797045167 A C,G,T . . RS=rs797045167;Source=dbsnp
NC_000014.9 50247181 rs369101323 T C . . RS=rs369101323;Source=dbsnp
NC_000014.9 50247222 rs746040665 C T . . RS=rs746040665;Source=dbsnp
NC_000014.9 50265377 rs150157112 T C . . RS=rs150157112;Source=dbsnp
NC_000014.9 50265380 rs373172891 T C . . RS=rs373172891;Source=dbsnp
NC_000014.9 50265399 rs141715606 A C . . RS=rs141715606;Source=dbsnp
NC_000014.9 50265439 rs786200869 CA C . . RS=rs786200869;Source=dbsnp
NC_000014.9 50267813 rs779733566 C T . . RS=rs779733566;Source=dbsnp
NC_000014.9 50267814 rs387907013 G A . . RS=rs387907013;Source=dbsnp
NC_000014.9 50269162 rs786200870 C A . . RS=rs786200870;Source=dbsnp
```

```
NC_000014.9 50269164 rs118204020 G A . . RS=rs118204020;Source=dbsnp
NC_000014.9 50278538 rs111946925 A G . . RS=rs111946925;Source=dbsnp
NC_000014.9 50283859 rs12433038 A G,T . . RS=rs12433038;Source=dbsnp
NC_000014.9 50283941 rs752538208 G A . . RS=rs752538208;Source=dbsnp
NC_000014.9 50283947 rs564306903 T C . . RS=rs564306903;Source=dbsnp
NC_000014.9 50283990 rs887386390 T C . . RS=rs887386390;Source=dbsnp
NC_000014.9 50294176 rs761645660 C T . . RS=rs761645660;Source=dbsnp
NC_000014.9 50294190 rs797045678 TTT TT . . RS=rs797045678;Source=dbsnp
NC_000014.9 50294195 rs797045677 C G . . RS=rs797045677;Source=dbsnp
NC_000014.9 50302132 rs267607206 T A,C . . RS=rs267607206;Source=dbsnp
NC_000014.9 50302994 rs118204021 C T . . RS=rs118204021;Source=dbsnp
NC_000014.9 50302999 rs2297995 G A . . RS=rs2297995;Source=dbsnp
NC_000014.9 50312014 rs201806251 G A . . RS=rs201806251;Source=dbsnp
NC_000014.9 50312052 rs35710558 C A . . RS=rs35710558;Source=dbsnp
NC_000014.9 50312098 rs2275591 A C,G . . RS=rs2275591;Source=dbsnp
NC_000014.9 50312145 rs113626637 C A . . RS=rs113626637;Source=dbsnp
NC_000014.9 50336009 rs7148089 A C . . RS=rs7148089;Source=dbsnp
NC_000014.9 50342977 rs11570829 G A . . RS=rs11570829;Source=dbsnp
NC_000014.9 50386510 rs7147228 T C . . RS=rs7147228;Source=dbsnp
NC_000014.9 50389923 rs3783412 A G . . RS=rs3783412;Source=dbsnp
NC_000014.9 50456531 rs12881869 C T . . RS=rs12881869;Source=dbsnp
NC_000014.9 50533475 rs3783408 C T . . RS=rs3783408;Source=dbsnp
NC_000014.9 50587880 rs35014209 A G . . RS=rs35014209;Source=dbsnp
NC_000014.9 50587925 rs17850684 C G,T . . RS=rs17850684;Source=dbsnp
NC_000014.9 50587992 rs200314808 G A,C . . RS=rs200314808;Source=dbsnp
NC_000014.9 50591009 rs1060197 G A,C . . RS=rs1060197;Source=dbsnp
NC_000014.9 50591011 rs606231265 G A . . RS=rs606231265;Source=dbsnp
NC_000014.9 50591584 rs137852657 C T . . RS=rs137852657;Source=dbsnp
NC_000014.9 50591587 rs119476051 T G . . RS=rs119476051;Source=dbsnp
NC_000014.9 50595580 rs17850683 T G . . RS=rs17850683;Source=dbsnp
NC_000014.9 50595598 rs797045004 T A . . RS=rs797045004;Source=dbsnp
NC_000014.9 50595623 rs35629585 G A . . RS=rs35629585;Source=dbsnp
NC_000014.9 50613278 rs119476049 G A . . RS=rs119476049;Source=dbsnp
NC_000014.9 50613343 rs119476046 C T . . RS=rs119476046;Source=dbsnp
NC_000014.9 50614422 rs119476048 A G . . RS=rs119476048;Source=dbsnp
NC_000014.9 50614425 rs119476047 C A . . RS=rs119476047;Source=dbsnp
NC_000014.9 50620724 rs786205487 A T . . RS=rs786205487;Source=dbsnp
NC_000014.9 50628133 rs28939094 A G,T . . RS=rs28939094;Source=dbsnp
NC_000014.9 50628154 rs119476050 C T . . RS=rs119476050;Source=dbsnp
NC_000014.9 50628155 rs397514712 G A . . RS=rs397514712;Source=dbsnp
NC_000014.9 50628157 rs387906941 C T . . RS=rs387906941;Source=dbsnp
NC_000014.9 50628429 rs863223314 AA AAA . . RS=rs863223314;Source=dbsnp
NC_000014.9 50656877 rs923908 C G,T . . RS=rs923908;Source=dbsnp
NC_000014.9 50717944 rs67977855 G T . . RS=rs67977855;Source=dbsnp
NC_000014.9 50719674 rs59096640 G C . . RS=rs59096640;Source=dbsnp
NC_000014.9 50721406 rs4534750 G A . . RS=rs4534750;Source=dbsnp
NC_000014.9 50722036 rs45558232 C T . . RS=rs45558232;Source=dbsnp
NC_000014.9 50723621 rs876661404 T C . . RS=rs876661404;Source=dbsnp
```

```
NC_000014.9 50729605 rs141405524 C T . . RS=rs141405524;Source=dbsnp
NC_000014.9 50743453 rs758555048 G A . . RS=rs758555048;Source=dbsnp
NC_000014.9 50743529 rs61741547 A G . . RS=rs61741547;Source=dbsnp
NC_000014.9 50744304 rs387907308 T C,G . . RS=rs387907308;Source=dbsnp
NC_000014.9 50750856 rs4901053 T A,G . . RS=rs4901053;Source=dbsnp
NC_000014.9 50756635 rs74594049 A G . . RS=rs74594049;Source=dbsnp
NC_000014.9 50756742 rs41299193 T A . . RS=rs41299193;Source=dbsnp
NC_000014.9 50757033 rs369577037 C T . . RS=rs369577037;Source=dbsnp
NC_000014.9 50757076 rs142326581 A G . . RS=rs142326581;Source=dbsnp
NC_000014.9 50757281 rs896607535 A G . . RS=rs896607535;Source=dbsnp
NC_000014.9 50757365 rs187464517 T C . . RS=rs187464517;Source=dbsnp
NC_000014.9 50757383 rs192017781 C T . . RS=rs192017781;Source=dbsnp
NC_000014.9 50757389 rs797045743 C T . . RS=rs797045743;Source=dbsnp
NC_000014.9 50757395 rs548569136 G A . . RS=rs548569136;Source=dbsnp
NC_000014.9 50757543 rs139059875 C A,G . . RS=rs139059875;Source=dbsnp
NC_000014.9 50757704 rs797045742 T C,G . . RS=rs797045742;Source=dbsnp
NC_000014.9 50757834 rs143976273 C T . . RS=rs143976273;Source=dbsnp
NC_000014.9 50757940 rs2073348 T A,C,G . . RS=rs2073348;Source=dbsnp
NC_000014.9 50758023 rs751569014 G A,C . . RS=rs751569014;Source=dbsnp
NC_000014.9 50758043 rs41313507 G A,C . . RS=rs41313507;Source=dbsnp
NC_000014.9 50758376 rs776499143 G A,C . . RS=rs776499143;Source=dbsnp
NC_000014.9 50758536 rs370154746 C A,T . . RS=rs370154746;Source=dbsnp
NC_000014.9 50758548 rs747680111 CT C . . RS=rs747680111;Source=dbsnp
NC_000014.9 50759006 rs10483610 C T . . RS=rs10483610;Source=dbsnp
NC_000014.9 50760012 rs200278498 G A . . RS=rs200278498;Source=dbsnp
NC_000014.9 50760265 rs147946706 G A . . RS=rs147946706;Source=dbsnp
NC_000014.9 50777003 rs150057118 C T . . RS=rs150057118;Source=dbsnp
NC_000014.9 50778793 rs547438612 C A,T . . RS=rs547438612;Source=dbsnp
NC_000014.9 50784059 rs2065079 G T . . RS=rs2065079;Source=dbsnp
NC_000014.9 50792726 rs143800977 C A,T . . RS=rs143800977;Source=dbsnp
NC_000014.9 50793083 rs6572697 G A . . RS=rs6572697;Source=dbsnp
NC_000014.9 50798735 rs12893300 C T . . RS=rs12893300;Source=dbsnp
NC_000014.9 50803549 rs9788504 G A,C,T . . RS=rs9788504;Source=dbsnp
NC_000014.9 50806106 rs8009874 T C . . RS=rs8009874;Source=dbsnp
NC_000014.9 50807056 rs6650505 A G . . RS=rs6650505;Source=dbsnp
NC_000014.9 50809291 rs10145182 T A,C,G . . RS=rs10145182;Source=dbsnp
NC_000014.9 50812661 rs12883458 T C . . RS=rs12883458;Source=dbsnp
NC_000014.9 50813954 rs7153720 C T . . RS=rs7153720;Source=dbsnp
NC_000014.9 50818417 rs1004832 G C . . RS=rs1004832;Source=dbsnp
NC_000014.9 50850700 rs7493885 T G . . RS=rs7493885;Source=dbsnp
NC_000014.9 50904131 rs7154732 T C . . RS=rs7154732;Source=dbsnp
NC_000014.9 50905381 rs3216001 AA A . . RS=rs3216001;Source=dbsnp
NC_000014.9 50905385 rs1042266 C A,G . . RS=rs1042266;Source=dbsnp
NC_000014.9 50905402 rs78558135 T C . . RS=rs78558135;Source=dbsnp
NC_000014.9 50905475 rs113993988 A G . . RS=rs113993988;Source=dbsnp
NC_000014.9 50905520 rs34313873 T A . . RS=rs34313873;Source=dbsnp
NC_000014.9 50905565 rs368714229 A G . . RS=rs368714229;Source=dbsnp
NC_000014.9 50905597 rs2275466 C A,T . . RS=rs2275466;Source=dbsnp
```

```
NC_000014.9 50908982 rs11414268 AAAAAAA AAAAAAAA,AAAAAAAAA,AAAAAAAAAAAAAAA
. . RS=rs11414268;Source=dbsnp
NC_000014.9 50909861 rs137880110 A G . . RS=rs137880110;Source=dbsnp
NC_000014.9 50910030 rs113993987 T G . . RS=rs113993987;Source=dbsnp
NC_000014.9 50910048 rs113993986 G A,C . . RS=rs113993986;Source=dbsnp
NC_000014.9 50910049 rs113993985 A T . . RS=rs113993985;Source=dbsnp
NC_000014.9 50910055 rs113993984 C T . . RS=rs113993984;Source=dbsnp
NC_000014.9 50910056 rs15669 G A . . RS=rs15669;Source=dbsnp
NC_000014.9 50911799 rs35026927 C A,G . . RS=rs35026927;Source=dbsnp
NC_000014.9 50911804 rs113993983 T A . . RS=rs113993983;Source=dbsnp
NC_000014.9 50911873 rs11356035 TTT TT . . RS=rs11356035;Source=dbsnp
NC_000014.9 50911892 rs75220125 C A,T . . RS=rs75220125;Source=dbsnp
NC_000014.9 50912155 rs113993982 C G,T . . RS=rs113993982;Source=dbsnp
NC_000014.9 50912309 rs74539788 A G . . RS=rs74539788;Source=dbsnp
NC_000014.9 50913028 rs113993981 C A,G,T . . RS=rs113993981;Source=dbsnp
NC_000014.9 50913113 rs766354684 A G . . RS=rs766354684;Source=dbsnp
NC_000014.9 50914748 rs113993980 G A . . RS=rs113993980;Source=dbsnp
NC_000014.9 50915373 rs113993979 C T . . RS=rs113993979;Source=dbsnp
NC_000014.9 50915465 rs2228499 C G,T . . RS=rs2228499;Source=dbsnp
NC_000014.9 50915869 rs113993978 G A . . RS=rs113993978;Source=dbsnp
NC_000014.9 50915933 rs113993977 G C . . RS=rs113993977;Source=dbsnp
NC_000014.9 50915945 rs151022264 G A,C,T . . RS=rs151022264;Source=dbsnp
NC_000014.9 50915977 rs147211684 G T . . RS=rs147211684;Source=dbsnp
NC_000014.9 50916714 rs2075643 G A . . RS=rs2075643;Source=dbsnp
NC_000014.9 50916718 rs113993976 T C . . RS=rs113993976;Source=dbsnp
NC_000014.9 50916999 rs116465563 C T . . RS=rs116465563;Source=dbsnp
NC_000014.9 50920654 rs763237387 A G,T . . RS=rs763237387;Source=dbsnp
NC_000014.9 50920940 rs17123173 C A . . RS=rs17123173;Source=dbsnp
NC_000014.9 50921030 rs113993975 C T . . RS=rs113993975;Source=dbsnp
NC_000014.9 50921064 rs946616 C T . . RS=rs946616;Source=dbsnp
NC_000014.9 50924101 rs113993974 C G . . RS=rs113993974;Source=dbsnp
NC_000014.9 50924122 rs41317304 C T . . RS=rs41317304;Source=dbsnp
NC_000014.9 50928365 rs3783273 C T . . RS=rs3783273;Source=dbsnp
NC_000014.9 50935101 rs146741789 A T . . RS=rs146741789;Source=dbsnp
NC_000014.9 50936813 rs7142143 T C . . RS=rs7142143;Source=dbsnp
NC_000014.9 50937801 rs113993973 G A . . RS=rs113993973;Source=dbsnp
NC_000014.9 50937871 rs17123214 C T . . RS=rs17123214;Source=dbsnp
NC_000014.9 50944228 rs150483902 G A,T . . RS=rs150483902;Source=dbsnp
NC_000014.9 50944251 rs77316189 G A . . RS=rs77316189;Source=dbsnp
NC_000014.9 50944311 rs17123244 A G . . RS=rs17123244;Source=dbsnp
NC_000014.9 50944360 rs786204785 CTGATCTGCCGCCGCTTCTCCTG CTGATCTGCCGCCGCTTCTCCTGATCTGCCGCCGCT
. . RS=rs786204785;Source=dbsnp
NC_000014.9 50944366 rs113993972 T G . . RS=rs113993972;Source=dbsnp
NC_000014.9 51032626 rs8009082 C A . . RS=rs8009082;Source=dbsnp
NC_000014.9 51040576 rs8005389 T C . . RS=rs8005389;Source=dbsnp
NC_000014.9 51058755 rs8006348 A G . . RS=rs8006348;Source=dbsnp
NC_000014.9 51077905 rs11157796 C T . . RS=rs11157796;Source=dbsnp
NC_000014.9 51114203 rs17252296 A C,T . . RS=rs17252296;Source=dbsnp
```

```
NC_000014.9 51290164 rs4078417 A C . . RS=rs4078417;Source=dbsnp
NC_000014.9 51337371 rs11625012 T A,G . . RS=rs11625012;Source=dbsnp
NC_000014.9 51475406 rs17123958 C G,T . . RS=rs17123958;Source=dbsnp
NC_000014.9 51489516 rs10484092 A G . . RS=rs10484092;Source=dbsnp
NC_000014.9 51497551 rs10150152 A G,T . . RS=rs10150152;Source=dbsnp
NC_000014.9 51544081 rs7140150 C T . . RS=rs7140150;Source=dbsnp
NC_000014.9 51568300 rs17586545 C T . . RS=rs17586545;Source=dbsnp
NC_000014.9 51608434 rs11626565 A C . . RS=rs11626565;Source=dbsnp
NC_000014.9 51608935 rs12885443 A C . . RS=rs12885443;Source=dbsnp
NC_000014.9 51610371 rs1006973 T A,C,G . . RS=rs1006973;Source=dbsnp
NC_000014.9 51651174 rs3751464 T C . . RS=rs3751464;Source=dbsnp
NC_000014.9 51653546 rs735265 A G,T . . RS=rs735265;Source=dbsnp
NC_000014.9 51655759 rs17666653 C A,T . . RS=rs17666653;Source=dbsnp
NC_000014.9 51660341 rs9671722 A C,G,T . . RS=rs9671722;Source=dbsnp
NC_000014.9 51668638 rs4898706 G A . . RS=rs4898706;Source=dbsnp
NC_000014.9 51756077 rs10147986 A C,G,T . . RS=rs10147986;Source=dbsnp
NC_000014.9 51766558 rs11626056 C A,T . . RS=rs11626056;Source=dbsnp
NC_000014.9 51843386 rs8015138 A C,T . . RS=rs8015138;Source=dbsnp
NC_000014.9 51858413 rs4468527 A G,T . . RS=rs4468527;Source=dbsnp
NC_000014.9 51889945 rs7154422 A C,G . . RS=rs7154422;Source=dbsnp
NC_000014.9 51899056 rs1316298 A G,T . . RS=rs1316298;Source=dbsnp
NC_000014.9 51900357 rs11157865 C T . . RS=rs11157865;Source=dbsnp
NC_000014.9 51904294 rs11851703 G C,T . . RS=rs11851703;Source=dbsnp
NC_000014.9 51904595 rs11157866 T C . . RS=rs11157866;Source=dbsnp
NC_000014.9 51919549 rs1109745 A C . . RS=rs1109745;Source=dbsnp
NC_000014.9 51966385 rs1032582 A G,T . . RS=rs1032582;Source=dbsnp
NC_000014.9 51968341 rs3204008 C G,T . . RS=rs3204008;Source=dbsnp
NC_000014.9 52029689 rs2273431 C A,G,T . . RS=rs2273431;Source=dbsnp
NC_000014.9 52042383 rs1982963 G A,C . . RS=rs1982963;Source=dbsnp
NC_000014.9 52052093 rs730532 G A . . RS=rs730532;Source=dbsnp
NC_000014.9 52060469 rs754423 C A,T . . RS=rs754423;Source=dbsnp
NC_000014.9 52077506 rs10498441 G A . . RS=rs10498441;Source=dbsnp
NC_000014.9 52133536 rs1950736 A G . . RS=rs1950736;Source=dbsnp
NC_000014.9 52179201 rs8019172 A C,G,T . . RS=rs8019172;Source=dbsnp
NC_000014.9 52223916 rs10136495 G A,C . . RS=rs10136495;Source=dbsnp
NC_000014.9 52259642 rs809722 C A,T . . RS=rs809722;Source=dbsnp
NC_000014.9 52266005 rs803012 A G . . RS=rs803012;Source=dbsnp
NC_000014.9 52267266 rs8004654 T C . . RS=rs8004654;Source=dbsnp
NC_000014.9 52267374 rs803010 T C . . RS=rs803010;Source=dbsnp
NC_000014.9 52267957 rs41533946 G A,T . . RS=rs41533946;Source=dbsnp
NC_000014.9 52270050 rs4898758 A G . . RS=rs4898758;Source=dbsnp
NC_000014.9 52274253 rs708486 A G . . RS=rs708486;Source=dbsnp
NC_000014.9 52274928 rs17125273 G A . . RS=rs17125273;Source=dbsnp
NC_000014.9 52275433 rs17831675 G A . . RS=rs17831675;Source=dbsnp
NC_000014.9 52275462 rs17831682 T C . . RS=rs17831682;Source=dbsnp
NC_000014.9 52279352 rs1953367 A G . . RS=rs1953367;Source=dbsnp
NC_000014.9 52292628 rs11625623 A G . . RS=rs11625623;Source=dbsnp
NC_000014.9 52298226 rs708491 A G . . RS=rs708491;Source=dbsnp
```

```
NC_000014.9 52300623 rs708494 G A,C . . RS=rs708494;Source=dbsnp
NC_000014.9 52301407 rs8006060 A G,T . . RS=rs8006060;Source=dbsnp
NC_000014.9 52302622 rs708495 T A . . RS=rs708495;Source=dbsnp
NC_000014.9 52312827 rs1254601 G A . . RS=rs1254601;Source=dbsnp
NC_000014.9 52313735 rs1254600 A G,T . . RS=rs1254600;Source=dbsnp
NC_000014.9 52313933 rs2075797 C G . . RS=rs2075797;Source=dbsnp
NC_000014.9 52314383 rs1353411 G A,C . . RS=rs1353411;Source=dbsnp
NC_000014.9 52314477 rs1254598 G A . . RS=rs1254598;Source=dbsnp
NC_000014.9 52316377 rs45525634 G A,T . . RS=rs45525634;Source=dbsnp
NC_000014.9 52322041 rs937337 G A,C . . RS=rs937337;Source=dbsnp
NC_000014.9 52323817 rs12587410 C T . . RS=rs12587410;Source=dbsnp
NC_000014.9 52325782 rs708498 A G . . RS=rs708498;Source=dbsnp
NC_000014.9 52327516 rs708502 T A,C,G . . RS=rs708502;Source=dbsnp
NC_000014.9 52327663 rs17197 G A . . RS=rs17197;Source=dbsnp
NC_000014.9 52328382 rs1042618 C T . . RS=rs1042618;Source=dbsnp
NC_000014.9 52330222 rs34337770 C T . . RS=rs34337770;Source=dbsnp
NC_000014.9 52333318 rs17831718 A G . . RS=rs17831718;Source=dbsnp
NC_000014.9 52431358 rs1565970 A C,G . . RS=rs1565970;Source=dbsnp
NC_000014.9 52519279 rs28759013 C T . . RS=rs28759013;Source=dbsnp
NC_000014.9 52708205 rs2295826 A G . . RS=rs2295826;Source=dbsnp
NC_000014.9 52708263 rs2295827 C T . . RS=rs2295827;Source=dbsnp
NC_000014.9 52750005 rs722290 G C,T . . RS=rs722290;Source=dbsnp
NC_000014.9 52821964 rs17125761 T A,C,G . . RS=rs17125761;Source=dbsnp
NC_000014.9 52858173 rs7143400 A C,G . . RS=rs7143400;Source=dbsnp
NC_000014.9 52858372 rs6572868 C A,T . . RS=rs6572868;Source=dbsnp
NC_000014.9 52874727 rs7160582 G C,T . . RS=rs7160582;Source=dbsnp
NC_000014.9 52905612 rs8008270 T C,G . . RS=rs8008270;Source=dbsnp
NC_000014.9 52910822 rs9888615 T A,C,G . . RS=rs9888615;Source=dbsnp
NC_000014.9 52916359 rs78623109 G A,C,T . . RS=rs78623109;Source=dbsnp
NC_000014.9 52922981 rs62003539 T C . . RS=rs62003539;Source=dbsnp
NC_000014.9 52923587 rs4901317 C A,G,T . . RS=rs4901317;Source=dbsnp
NC_000014.9 52924962 rs17125924 A G . . RS=rs17125924;Source=dbsnp
NC_000014.9 52933911 rs17125944 T C . . RS=rs17125944;Source=dbsnp
NC_000014.9 52944673 rs7494379 C G,T . . RS=rs7494379;Source=dbsnp
NC_000014.9 53337411 rs4901408 T A,C . . RS=rs4901408;Source=dbsnp
NC_000014.9 53353259 rs1255309 A C,G,T . . RS=rs1255309;Source=dbsnp
NC_000014.9 53363527 rs10138849 A C,G . . RS=rs10138849;Source=dbsnp
NC_000014.9 53446116 rs1954333 T C . . RS=rs1954333;Source=dbsnp
NC_000014.9 53453205 rs12147340 C A,G . . RS=rs12147340;Source=dbsnp
NC_000014.9 53584358 rs7152946 A C,G . . RS=rs7152946;Source=dbsnp
NC_000014.9 53587721 rs6572915 A G . . RS=rs6572915;Source=dbsnp
NC_000014.9 53588619 rs7156227 A G . . RS=rs7156227;Source=dbsnp
NC_000014.9 53589909 rs1001161 G A . . RS=rs1001161;Source=dbsnp
NC_000014.9 53602063 rs210327 C A . . RS=rs210327;Source=dbsnp
NC_000014.9 53606140 rs1380131 C T . . RS=rs1380131;Source=dbsnp
NC_000014.9 53623359 rs10483623 T G . . RS=rs10483623;Source=dbsnp
NC_000014.9 53678599 rs7146962 T C . . RS=rs7146962;Source=dbsnp
NC_000014.9 53697318 rs210361 G A,C,T . . RS=rs210361;Source=dbsnp
```

```
NC_000014.9 53700754 rs210359 A C . . RS=rs210359;Source=dbsnp
NC_000014.9 53702952 rs1458991 A G . . RS=rs1458991;Source=dbsnp
NC_000014.9 53719365 rs169748 A G,T . . RS=rs169748;Source=dbsnp
NC_000014.9 53725754 rs210332 C G,T . . RS=rs210332;Source=dbsnp
NC_000014.9 53761799 rs1958654 T A,C . . RS=rs1958654;Source=dbsnp
NC_000014.9 53781365 rs17126895 C T . . RS=rs17126895;Source=dbsnp
NC_000014.9 53792880 rs8017615 T C . . RS=rs8017615;Source=dbsnp
NC_000014.9 53824112 rs12431733 T C . . RS=rs12431733;Source=dbsnp
NC_000014.9 53843879 rs11157980 C T . . RS=rs11157980;Source=dbsnp
NC_000014.9 53871622 rs7154331 T C,G . . RS=rs7154331;Source=dbsnp
NC_000014.9 53872775 rs7160860 T A,C . . RS=rs7160860;Source=dbsnp
NC_000014.9 53904864 rs10498464 G A,T . . RS=rs10498464;Source=dbsnp
NC_000014.9 53906123 rs1951865 G T . . RS=rs1951865;Source=dbsnp
NC_000014.9 53917227 rs11157990 T C . . RS=rs11157990;Source=dbsnp
NC_000014.9 53918751 rs3742555 A T . . RS=rs3742555;Source=dbsnp
NC_000014.9 53925095 rs10498466 T A,C . . RS=rs10498466;Source=dbsnp
NC_000014.9 53939347 rs2147105 C T . . RS=rs2147105;Source=dbsnp
NC_000014.9 53940474 rs1951867 G C . . RS=rs1951867;Source=dbsnp
NC_000014.9 53944201 rs4444235 T C . . RS=rs4444235;Source=dbsnp
NC_000014.9 53946283 rs66913363 G A,C,T . . RS=rs66913363;Source=dbsnp
NC_000014.9 53947414 rs11623717 A C,G . . RS=rs11623717;Source=dbsnp
NC_000014.9 53948020 rs12893484 G A . . RS=rs12893484;Source=dbsnp
NC_000014.9 53948573 rs12898159 C A,T . . RS=rs12898159;Source=dbsnp
NC_000014.9 53949884 rs76335800 T A . . RS=rs76335800;Source=dbsnp
NC_000014.9 53950222 rs121912766 G A . . RS=rs121912766;Source=dbsnp
NC_000014.9 53950399 rs121912768 C A,T . . RS=rs121912768;Source=dbsnp
NC_000014.9 53950508 rs200671094 G A,T . . RS=rs200671094;Source=dbsnp
NC_000014.9 53950667 rs387906597 G A,C . . RS=rs387906597;Source=dbsnp
NC_000014.9 53950804 rs17563 A G . . RS=rs17563;Source=dbsnp
NC_000014.9 53951693 rs2071047 G A,T . . RS=rs2071047;Source=dbsnp
NC_000014.9 53951861 rs376960358 T C . . RS=rs376960358;Source=dbsnp
NC_000014.9 53951919 rs202159001 T C . . RS=rs202159001;Source=dbsnp
NC_000014.9 53951945 rs121912765 T C . . RS=rs121912765;Source=dbsnp
NC_000014.9 53951951 rs121912767 G C . . RS=rs121912767;Source=dbsnp
NC_000014.9 53951971 rs781435238 C T . . RS=rs781435238;Source=dbsnp
NC_000014.9 53952268 rs2761880 T C,G . . RS=rs2761880;Source=dbsnp
NC_000014.9 53952388 rs35107139 A C,G,T . . RS=rs35107139;Source=dbsnp
NC_000014.9 53952392 rs10130587 G C,T . . RS=rs10130587;Source=dbsnp
NC_000014.9 53953247 rs2855532 G A,C . . RS=rs2855532;Source=dbsnp
NC_000014.9 53954334 rs2761884 G T . . RS=rs2761884;Source=dbsnp
NC_000014.9 53954901 rs76953585 C T . . RS=rs76953585;Source=dbsnp
NC_000014.9 53955199 rs2855530 G A,C,T . . RS=rs2855530;Source=dbsnp
NC_000014.9 53955681 rs2738265 C A,G,T . . RS=rs2738265;Source=dbsnp
NC_000014.9 53956049 rs762643 G C,T . . RS=rs762643;Source=dbsnp
NC_000014.9 53956335 rs762642 A C . . RS=rs762642;Source=dbsnp
NC_000014.9 53957320 rs77671695 T G . . RS=rs77671695;Source=dbsnp
NC_000014.9 53957951 rs2855527 C A,T . . RS=rs2855527;Source=dbsnp
NC_000014.9 53958334 rs2761887 C A . . RS=rs2761887;Source=dbsnp
```

```
NC_000014.9 53958429 rs2032423 T A,C . . RS=rs2032423;Source=dbsnp
NC_000014.9 53960339 rs4898820 T A,G . . RS=rs4898820;Source=dbsnp
NC_000014.9 53962637 rs1957860 C T . . RS=rs1957860;Source=dbsnp
NC_000014.9 53964782 rs8014071 A G . . RS=rs8014071;Source=dbsnp
NC_000014.9 53964857 rs8014363 C A,G,T . . RS=rs8014363;Source=dbsnp
NC_000014.9 53966672 rs6572927 A C,T . . RS=rs6572927;Source=dbsnp
NC_000014.9 53966815 rs10873077 C A,G,T . . RS=rs10873077;Source=dbsnp
NC_000014.9 53978439 rs4901473 G A . . RS=rs4901473;Source=dbsnp
NC_000014.9 53984584 rs11157994 A G . . RS=rs11157994;Source=dbsnp
NC_000014.9 53991360 rs1957844 C G,T . . RS=rs1957844;Source=dbsnp
NC_000014.9 54003019 rs4901474 C G,T . . RS=rs4901474;Source=dbsnp
NC_000014.9 54021681 rs4901475 A G,T . . RS=rs4901475;Source=dbsnp
NC_000014.9 54093300 rs1957636 T C . . RS=rs1957636;Source=dbsnp
NC_000014.9 54106263 rs12432287 A C,G . . RS=rs12432287;Source=dbsnp
NC_000014.9 54116469 rs728425 T C . . RS=rs728425;Source=dbsnp
NC_000014.9 54185761 rs1953743 C T . . RS=rs1953743;Source=dbsnp
NC_000014.9 54194897 rs8011813 T C . . RS=rs8011813;Source=dbsnp
NC_000014.9 54300931 rs1950209 G A . . RS=rs1950209;Source=dbsnp
NC_000014.9 54334127 rs10483636 A G . . RS=rs10483636;Source=dbsnp
NC_000014.9 54337047 rs10150369 T A,C . . RS=rs10150369;Source=dbsnp
NC_000014.9 54373178 rs1950202 G A . . RS=rs1950202;Source=dbsnp
NC_000014.9 54381173 rs2143956 C G,T . . RS=rs2143956;Source=dbsnp
NC_000014.9 54390568 rs4293296 G A,T . . RS=rs4293296;Source=dbsnp
NC_000014.9 54391243 rs17127526 G A . . RS=rs17127526;Source=dbsnp
NC_000014.9 54398245 rs1884014 C G,T . . RS=rs1884014;Source=dbsnp
NC_000014.9 54408796 rs2179896 A G,T . . RS=rs2179896;Source=dbsnp
NC_000014.9 54409466 rs4251631 T A,C,G . . RS=rs4251631;Source=dbsnp
NC_000014.9 54453705 rs11850320 T G . . RS=rs11850320;Source=dbsnp
NC_000014.9 54460932 rs7150062 A G . . RS=rs7150062;Source=dbsnp
NC_000014.9 54473967 rs7143579 C A . . RS=rs7143579;Source=dbsnp
NC_000014.9 54508914 rs3759658 G A . . RS=rs3759658;Source=dbsnp
NC_000014.9 54552462 rs4901519 A C . . RS=rs4901519;Source=dbsnp
NC_000014.9 54729868 rs4898848 T A,G . . RS=rs4898848;Source=dbsnp
NC_000014.9 54744370 rs6572971 T A,C,G . . RS=rs6572971;Source=dbsnp
NC_000014.9 54752276 rs1957356 T C . . RS=rs1957356;Source=dbsnp
NC_000014.9 54754825 rs11627203 T C . . RS=rs11627203;Source=dbsnp
NC_000014.9 54755757 rs1957358 T A,C . . RS=rs1957358;Source=dbsnp
NC_000014.9 54782627 rs709939 C A,T . . RS=rs709939;Source=dbsnp
NC_000014.9 54830325 rs72713460 G T . . RS=rs72713460;Source=dbsnp
NC_000014.9 54835501 rs17738966 G A . . RS=rs17738966;Source=dbsnp
NC_000014.9 54837291 rs2057368 G A,C . . RS=rs2057368;Source=dbsnp
NC_000014.9 54837343 rs2057369 G A,C,T . . RS=rs2057369;Source=dbsnp
NC_000014.9 54839739 rs10483639 G A,C . . RS=rs10483639;Source=dbsnp
NC_000014.9 54840086 rs7142517 C A . . RS=rs7142517;Source=dbsnp
NC_000014.9 54843774 rs841 G A . . RS=rs841;Source=dbsnp
NC_000014.9 54844023 rs104894442 C G . . RS=rs104894442;Source=dbsnp
NC_000014.9 54844099 rs41298442 T C,G . . RS=rs41298442;Source=dbsnp
NC_000014.9 54844108 rs104894434 A G . . RS=rs104894434;Source=dbsnp
```

```
NC_000014.9 54844137 rs104894443 C T . . RS=rs104894443;Source=dbsnp
NC_000014.9 54844851 rs752688 C G,T . . RS=rs752688;Source=dbsnp
NC_000014.9 54845784 rs200891969 C T . . RS=rs200891969;Source=dbsnp
NC_000014.9 54845792 rs104894438 C T . . RS=rs104894438;Source=dbsnp
NC_000014.9 54845799 rs137852633 G C . . RS=rs137852633;Source=dbsnp
NC_000014.9 54845808 rs104894436 C A . . RS=rs104894436;Source=dbsnp
NC_000014.9 54845843 rs104894445 C T . . RS=rs104894445;Source=dbsnp
NC_000014.9 54849190 rs10131232 G A . . RS=rs10131232;Source=dbsnp
NC_000014.9 54849552 rs10133662 A G . . RS=rs10133662;Source=dbsnp
NC_000014.9 54853845 rs4411417 T C,G . . RS=rs4411417;Source=dbsnp
NC_000014.9 54854067 rs2878168 G A . . RS=rs2878168;Source=dbsnp
NC_000014.9 54856133 rs7155309 T C . . RS=rs7155309;Source=dbsnp
NC_000014.9 54858130 rs8007201 A G . . RS=rs8007201;Source=dbsnp
NC_000014.9 54858865 rs12587434 T C,G . . RS=rs12587434;Source=dbsnp
NC_000014.9 54859144 rs12589758 A C,T . . RS=rs12589758;Source=dbsnp
NC_000014.9 54859275 rs2878169 G T . . RS=rs2878169;Source=dbsnp
NC_000014.9 54861917 rs9671371 C T . . RS=rs9671371;Source=dbsnp
NC_000014.9 54862362 rs9671455 C G,T . . RS=rs9671455;Source=dbsnp
NC_000014.9 54863537 rs8010282 A G . . RS=rs8010282;Source=dbsnp
NC_000014.9 54865349 rs104894440 T G . . RS=rs104894440;Source=dbsnp
NC_000014.9 54865376 rs104894441 A T . . RS=rs104894441;Source=dbsnp
NC_000014.9 54865379 rs104894437 T A . . RS=rs104894437;Source=dbsnp
NC_000014.9 54870033 rs2183081 A G . . RS=rs2183081;Source=dbsnp
NC_000014.9 54870157 rs7492600 G T . . RS=rs7492600;Source=dbsnp
NC_000014.9 54877161 rs17128050 T A,C . . RS=rs17128050;Source=dbsnp
NC_000014.9 54877297 rs12147422 T C . . RS=rs12147422;Source=dbsnp
NC_000014.9 54879555 rs10133650 C A,G . . RS=rs10133650;Source=dbsnp
NC_000014.9 54881109 rs7155501 A G,T . . RS=rs7155501;Source=dbsnp
NC_000014.9 54881400 rs3783637 C G,T . . RS=rs3783637;Source=dbsnp
NC_000014.9 54881655 rs3783638 G A . . RS=rs3783638;Source=dbsnp
NC_000014.9 54881948 rs3783639 T C . . RS=rs3783639;Source=dbsnp
NC_000014.9 54882151 rs11158026 C A,G,T . . RS=rs11158026;Source=dbsnp
NC_000014.9 54883948 rs8004445 G T . . RS=rs8004445;Source=dbsnp
NC_000014.9 54883978 rs8004018 A G . . RS=rs8004018;Source=dbsnp
NC_000014.9 54886650 rs8020798 C T . . RS=rs8020798;Source=dbsnp
NC_000014.9 54886999 rs10498471 G A,C . . RS=rs10498471;Source=dbsnp
NC_000014.9 54888313 rs998259 C A,T . . RS=rs998259;Source=dbsnp
NC_000014.9 54889807 rs17128052 G C . . RS=rs17128052;Source=dbsnp
NC_000014.9 54891947 rs7147286 G A . . RS=rs7147286;Source=dbsnp
NC_000014.9 54892159 rs7147201 A G . . RS=rs7147201;Source=dbsnp
NC_000014.9 54893421 rs3783641 T A,C . . RS=rs3783641;Source=dbsnp
NC_000014.9 54893485 rs3783642 T A,C . . RS=rs3783642;Source=dbsnp
NC_000014.9 54895118 rs8017210 G A . . RS=rs8017210;Source=dbsnp
NC_000014.9 54902341 rs104894435 C T . . RS=rs104894435;Source=dbsnp
NC_000014.9 54902402 rs104894433 G A,C,T . . RS=rs104894433;Source=dbsnp
NC_000014.9 54902453 rs141883031 G A . . RS=rs141883031;Source=dbsnp
NC_000014.9 54902458 rs56127440 G A,C . . RS=rs56127440;Source=dbsnp
NC_000014.9 54902522 rs104894444 G A,T . . RS=rs104894444;Source=dbsnp
```

```
NC_000014.9 54902596 rs41298432 G A . . RS=rs41298432;Source=dbsnp
NC_000014.9 54902661 rs104894439 C G . . RS=rs104894439;Source=dbsnp
NC_000014.9 54902703 rs28458175 G A,C . . RS=rs28458175;Source=dbsnp
NC_000014.9 54903622 rs10137071 C G,T . . RS=rs10137071;Source=dbsnp
NC_000014.9 54904861 rs3759664 C T . . RS=rs3759664;Source=dbsnp
NC_000014.9 54906952 rs2878172 A G . . RS=rs2878172;Source=dbsnp
NC_000014.9 54912273 rs8007267 C T . . RS=rs8007267;Source=dbsnp
NC_000014.9 54912497 rs8008858 T A . . RS=rs8008858;Source=dbsnp
NC_000014.9 54918587 rs76271340 G C,T . . RS=rs76271340;Source=dbsnp
NC_000014.9 54918609 rs943912 C G . . RS=rs943912;Source=dbsnp
NC_000014.9 54919316 rs17128077 C T . . RS=rs17128077;Source=dbsnp
NC_000014.9 55031230 rs1952438 G A . . RS=rs1952438;Source=dbsnp
NC_000014.9 55079608 rs873061 T C . . RS=rs873061;Source=dbsnp
NC_000014.9 55112795 rs17128183 A G,T . . RS=rs17128183;Source=dbsnp
NC_000014.9 55136284 rs1009977 T G . . RS=rs1009977;Source=dbsnp
NC_000014.9 55138217 rs4644 C A,G . . RS=rs4644;Source=dbsnp
NC_000014.9 55138318 rs4652 A C . . RS=rs4652;Source=dbsnp
NC_000014.9 55141298 rs74050921 G A . . RS=rs74050921;Source=dbsnp
NC_000014.9 55145121 rs11125 A T . . RS=rs11125;Source=dbsnp
NC_000014.9 55147918 rs2274273 G A . . RS=rs2274273;Source=dbsnp
NC_000014.9 55269155 rs6573013 T C,G . . RS=rs6573013;Source=dbsnp
NC_000014.9 55341433 rs17673930 A G . . RS=rs17673930;Source=dbsnp
NC_000014.9 55351799 rs1045002 T A,G . . RS=rs1045002;Source=dbsnp
NC_000014.9 55351988 rs3742569 T C . . RS=rs3742569;Source=dbsnp
NC_000014.9 55374729 rs8015211 T C,G . . RS=rs8015211;Source=dbsnp
NC_000014.9 55388878 rs17742719 G C,T . . RS=rs17742719;Source=dbsnp
NC_000014.9 55397412 rs8003279 A G . . RS=rs8003279;Source=dbsnp
NC_000014.9 55413329 rs1009647 G A . . RS=rs1009647;Source=dbsnp
NC_000014.9 55430820 rs4470077 A G . . RS=rs4470077;Source=dbsnp
NC_000014.9 55440454 rs8019270 C A,G,T . . RS=rs8019270;Source=dbsnp
NC_000014.9 55482908 rs12433615 A G . . RS=rs12433615;Source=dbsnp
NC_000014.9 55503238 rs1188069 T G . . RS=rs1188069;Source=dbsnp
NC_000014.9 55518294 rs2341883 G A,C . . RS=rs2341883;Source=dbsnp
NC_000014.9 55579214 rs10146870 G A,C,T . . RS=rs10146870;Source=dbsnp
NC_000014.9 55584271 rs10137340 T C . . RS=rs10137340;Source=dbsnp
NC_000014.9 55612021 rs1138345 T G . . RS=rs1138345;Source=dbsnp
NC_000014.9 55621073 rs12897227 G A . . RS=rs12897227;Source=dbsnp
NC_000014.9 55637164 rs10483647 A C,G,T . . RS=rs10483647;Source=dbsnp
NC_000014.9 55641802 rs1951890 A G . . RS=rs1951890;Source=dbsnp
NC_000014.9 55648148 rs17128657 A C,T . . RS=rs17128657;Source=dbsnp
NC_000014.9 55701781 rs12895072 C T . . RS=rs12895072;Source=dbsnp
NC_000014.9 55707387 rs12434554 G A . . RS=rs12434554;Source=dbsnp
NC_000014.9 55733755 rs945270 C G,T . . RS=rs945270;Source=dbsnp
NC_000014.9 55758517 rs8014482 C A,T . . RS=rs8014482;Source=dbsnp
NC_000014.9 55781488 rs12880540 T G . . RS=rs12880540;Source=dbsnp
NC_000014.9 55785344 rs2152278 C A . . RS=rs2152278;Source=dbsnp
NC_000014.9 55791248 rs2152275 A T . . RS=rs2152275;Source=dbsnp
NC_000014.9 55791828 rs8012083 G A,C . . RS=rs8012083;Source=dbsnp
```

```
NC_000014.9 55793315 rs11622641 C G,T . . RS=rs11622641;Source=dbsnp
NC_000014.9 55800098 rs10459511 G A . . RS=rs10459511;Source=dbsnp
NC_000014.9 55828862 rs1953358 G A . . RS=rs1953358;Source=dbsnp
NC_000014.9 55926388 rs4898878 A G,T . . RS=rs4898878;Source=dbsnp
NC_000014.9 55975694 rs1188184 A G . . RS=rs1188184;Source=dbsnp
NC_000014.9 56058851 rs398652 G A,T . . RS=rs398652;Source=dbsnp
NC_000014.9 56063375 rs2622324 G A . . RS=rs2622324;Source=dbsnp
NC_000014.9 56074920 rs395643 A C,G . . RS=rs395643;Source=dbsnp
NC_000014.9 56212292 rs2035283 C T . . RS=rs2035283;Source=dbsnp
NC_000014.9 56216743 rs12432184 G A . . RS=rs12432184;Source=dbsnp
NC_000014.9 56285879 rs754314 G A . . RS=rs754314;Source=dbsnp
NC_000014.9 56304489 rs1152472 T A,C . . RS=rs1152472;Source=dbsnp
NC_000014.9 56329516 rs1152490 C A,G,T . . RS=rs1152490;Source=dbsnp
NC_000014.9 56355238 rs1188686 C T . . RS=rs1188686;Source=dbsnp
NC_000014.9 56429428 rs11158098 C T . . RS=rs11158098;Source=dbsnp
NC_000014.9 56532814 rs1959068 A G,T . . RS=rs1959068;Source=dbsnp
NC_000014.9 56577287 rs1959064 T A,C . . RS=rs1959064;Source=dbsnp
NC_000014.9 56586179 rs7141305 G A . . RS=rs7141305;Source=dbsnp
NC_000014.9 56621697 rs201956469 C T . . RS=rs201956469;Source=dbsnp
NC_000014.9 56633142 rs1085307449 TATCTAT TAT . . RS=rs1085307449;Source=dbsnp
NC_000014.9 56647667 rs4901706 G A,C,T . . RS=rs4901706;Source=dbsnp
NC_000014.9 56677522 rs12431592 G C . . RS=rs12431592;Source=dbsnp
NC_000014.9 56720189 rs7153196 C G,T . . RS=rs7153196;Source=dbsnp
NC_000014.9 56756010 rs198225 T A,C,G . . RS=rs198225;Source=dbsnp
NC_000014.9 56777607 rs12897597 C T . . RS=rs12897597;Source=dbsnp
NC_000014.9 56801931 rs370761964 T C . . RS=rs370761964;Source=dbsnp
NC_000014.9 56802043 rs397514463 C A . . RS=rs397514463;Source=dbsnp
NC_000014.9 56802068 rs104894465 A G,T . . RS=rs104894465;Source=dbsnp
NC_000014.9 56802141 rs786205873 GC GCGC . . RS=rs786205873;Source=dbsnp
NC_000014.9 56802192 rs786205879 G C . . RS=rs786205879;Source=dbsnp
NC_000014.9 56802313 rs786205884 TG T . . RS=rs786205884;Source=dbsnp
NC_000014.9 56802340 rs104894464 G A,C . . RS=rs104894464;Source=dbsnp
NC_000014.9 56804202 rs786205224 C T . . RS=rs786205224;Source=dbsnp
NC_000014.9 56804409 rs2277499 G T . . RS=rs2277499;Source=dbsnp
NC_000014.9 56805348 rs28757218 G A . . RS=rs28757218;Source=dbsnp
NC_000014.9 56805376 rs786205874 GGGG GGG . . RS=rs786205874;Source=dbsnp
NC_000014.9 56856807 rs34057993 AG A . . RS=rs34057993;Source=dbsnp
NC_000014.9 56971771 rs6573113 G A,C . . RS=rs6573113;Source=dbsnp
NC_000014.9 56975262 rs7144734 G A . . RS=rs7144734;Source=dbsnp
NC_000014.9 56987721 rs17719756 C G,T . . RS=rs17719756;Source=dbsnp
NC_000014.9 57061918 rs999881 C G,T . . RS=rs999881;Source=dbsnp
NC_000014.9 57066746 rs1189827 G A . . RS=rs1189827;Source=dbsnp
NC_000014.9 57140349 rs7144018 T A,C . . RS=rs7144018;Source=dbsnp
NC_000014.9 57171114 rs7143894 C T . . RS=rs7143894;Source=dbsnp
NC_000014.9 57220928 rs75165563 A C . . RS=rs75165563;Source=dbsnp
NC_000014.9 57270751 rs7141198 A G . . RS=rs7141198;Source=dbsnp
NC_000014.9 57294220 rs1889720 C A,G,T . . RS=rs1889720;Source=dbsnp
NC_000014.9 57396667 rs12894584 C T . . RS=rs12894584;Source=dbsnp
```

```
NC_000014.9 57481662 rs1152522 T A,C,G . . RS=rs1152522;Source=dbsnp
NC_000014.9 57488138 rs12147353 G A,C,T . . RS=rs12147353;Source=dbsnp
NC_000014.9 57546587 rs452041 T G . . RS=rs452041;Source=dbsnp
NC_000014.9 57549696 rs1495465 C A . . RS=rs1495465;Source=dbsnp
NC_000014.9 57583364 rs2308163 TGATTG TGATTGATTG . . RS=rs2308163;Source=dbsnp
NC_000014.9 57604174 rs1745689 T C,G . . RS=rs1745689;Source=dbsnp
NC_000014.9 57652478 rs10134944 C T . . RS=rs10134944;Source=dbsnp
NC_000014.9 57654927 rs12890287 C T . . RS=rs12890287;Source=dbsnp
NC_000014.9 57657671 rs11622600 C T . . RS=rs11622600;Source=dbsnp
NC_000014.9 57771969 rs1950993 G C,T . . RS=rs1950993;Source=dbsnp
NC_000014.9 57918647 rs1335515 T C . . RS=rs1335515;Source=dbsnp
NC_000014.9 57920267 rs811732 A C . . RS=rs811732;Source=dbsnp
NC_000014.9 57931198 rs808225 A G . . RS=rs808225;Source=dbsnp
NC_000014.9 57937784 rs41514351 C T . . RS=rs41514351;Source=dbsnp
NC_000014.9 57943293 rs1335517 T C . . RS=rs1335517;Source=dbsnp
NC_000014.9 57998268 rs2747100 G A,C . . RS=rs2747100;Source=dbsnp
NC_000014.9 58080057 rs9323327 A G,T . . RS=rs9323327;Source=dbsnp
NC_000014.9 58106465 rs10134110 C G . . RS=rs10134110;Source=dbsnp
NC_000014.9 58231620 rs10130183 T C . . RS=rs10130183;Source=dbsnp
NC_000014.9 58263908 rs2348071 A G . . RS=rs2348071;Source=dbsnp
NC_000014.9 58364260 rs2230098 A G . . RS=rs2230098;Source=dbsnp
NC_000014.9 58364424 rs1051858 A G,T . . RS=rs1051858;Source=dbsnp
NC_000014.9 58428458 rs797045119 C G . . RS=rs797045119;Source=dbsnp
NC_000014.9 58432439 rs534542684 AG A . . RS=rs534542684;Source=dbsnp
NC_000014.9 58442717 rs61735931 T C . . RS=rs61735931;Source=dbsnp
NC_000014.9 58444011 rs201097695 C G,T . . RS=rs201097695;Source=dbsnp
NC_000014.9 58444072 rs770566897 CAA C . . RS=rs770566897;Source=dbsnp
NC_000014.9 58444158 rs1057516038 C A,T . . RS=rs1057516038;Source=dbsnp
NC_000014.9 58450617 rs796052128 C T . . RS=rs796052128;Source=dbsnp
NC_000014.9 58456701 rs757350052 G C . . RS=rs757350052;Source=dbsnp
NC_000014.9 58456719 rs869312856 AGCT GA . . RS=rs869312856;Source=dbsnp
NC_000014.9 58457934 rs796052129 A G,T . . RS=rs796052129;Source=dbsnp
NC_000014.9 58457966 rs863225203 TTATCT T . . RS=rs863225203;Source=dbsnp
NC_000014.9 58457966 rs61742715 T A . . RS=rs61742715;Source=dbsnp
NC_000014.9 58458545 rs762081862 G A . . RS=rs762081862;Source=dbsnp
NC_000014.9 58467887 rs886039806 T A,C,G . . RS=rs886039806;Source=dbsnp
NC_000014.9 58482712 rs540255320 G A . . RS=rs540255320;Source=dbsnp
NC_000014.9 58487145 rs140565291 A C,G . . RS=rs140565291;Source=dbsnp
NC_000014.9 58498824 rs886039809 GA G . . RS=rs886039809;Source=dbsnp
NC_000014.9 58547914 rs61745066 G A,C . . RS=rs61745066;Source=dbsnp
NC_000014.9 58614414 rs3850301 T C . . RS=rs3850301;Source=dbsnp
NC_000014.9 58641960 rs167481 T A,C . . RS=rs167481;Source=dbsnp
NC_000014.9 58645757 rs863091 C T . . RS=rs863091;Source=dbsnp
NC_000014.9 58645879 rs1064797092 G A . . RS=rs1064797092;Source=dbsnp
NC_000014.9 58646014 rs17832998 C G,T . . RS=rs17832998;Source=dbsnp
NC_000014.9 58646633 rs754847137 G A,C . . RS=rs754847137;Source=dbsnp
NC_000014.9 58646712 rs698025 G A,C . . RS=rs698025;Source=dbsnp
NC_000014.9 58690728 rs188724 G A,C . . RS=rs188724;Source=dbsnp
```

```
NC_000014.9 58705860 rs7153749 T C,G . . RS=rs7153749;Source=dbsnp
NC_000014.9 58722643 rs17094983 G A . . RS=rs17094983;Source=dbsnp
NC_000014.9 58776620 rs10149208 A C,G,T . . RS=rs10149208;Source=dbsnp
NC_000014.9 58824060 rs1252742 T A,C,G . . RS=rs1252742;Source=dbsnp
NC_000014.9 58878529 rs17833323 T C . . RS=rs17833323;Source=dbsnp
NC_000014.9 58897975 rs1427324 C A,G,T . . RS=rs1427324;Source=dbsnp
NC_000014.9 58909737 rs2295426 T C . . RS=rs2295426;Source=dbsnp
NC_000014.9 59010696 rs1956197 C G,T . . RS=rs1956197;Source=dbsnp
NC_000014.9 59159667 rs8016068 T A,C,G . . RS=rs8016068;Source=dbsnp
NC_000014.9 59163821 rs6573249 T A,C . . RS=rs6573249;Source=dbsnp
NC_000014.9 59177243 rs17095819 A G,T . . RS=rs17095819;Source=dbsnp
NC_000014.9 59188743 rs17833769 C A . . RS=rs17833769;Source=dbsnp
NC_000014.9 59192073 rs1252906 A C,G . . RS=rs1252906;Source=dbsnp
NC_000014.9 59199216 rs8016570 C G,T . . RS=rs8016570;Source=dbsnp
NC_000014.9 59208145 rs2146009 T A,C . . RS=rs2146009;Source=dbsnp
NC_000014.9 59212468 rs1252989 A G,T . . RS=rs1252989;Source=dbsnp
NC_000014.9 59217516 rs1270988 A C . . RS=rs1270988;Source=dbsnp
NC_000014.9 59259085 rs17095967 G A . . RS=rs17095967;Source=dbsnp
NC_000014.9 59264527 rs1253005 C A,T . . RS=rs1253005;Source=dbsnp
NC_000014.9 59290284 rs7155987 C T . . RS=rs7155987;Source=dbsnp
NC_000014.9 59297149 rs12878138 C T . . RS=rs12878138;Source=dbsnp
NC_000014.9 59310881 rs7149497 A C,G . . RS=rs7149497;Source=dbsnp
NC_000014.9 59324911 rs941882 A C . . RS=rs941882;Source=dbsnp
NC_000014.9 59334082 rs1957409 A C,G,T . . RS=rs1957409;Source=dbsnp
NC_000014.9 59337273 rs10873114 G A,T . . RS=rs10873114;Source=dbsnp
NC_000014.9 59349308 rs17834014 A G . . RS=rs17834014;Source=dbsnp
NC_000014.9 59350013 rs12880248 G A . . RS=rs12880248;Source=dbsnp
NC_000014.9 59352956 rs12878070 T A,C,G . . RS=rs12878070;Source=dbsnp
NC_000014.9 59369257 rs79036859 A G . . RS=rs79036859;Source=dbsnp
NC_000014.9 59372049 rs17096179 A C . . RS=rs17096179;Source=dbsnp
NC_000014.9 59376688 rs1253192 A G,T . . RS=rs1253192;Source=dbsnp
NC_000014.9 59387189 rs35514500 TTTT TTTTT . . RS=rs35514500;Source=dbsnp
NC_000014.9 59445719 rs1272400 T C . . RS=rs1272400;Source=dbsnp
NC_000014.9 59455055 rs1253130 G A . . RS=rs1253130;Source=dbsnp
NC_000014.9 59473009 rs8660 T A,C . . RS=rs8660;Source=dbsnp
NC_000014.9 59480790 rs1262129 A C . . RS=rs1262129;Source=dbsnp
NC_000014.9 59504321 rs7560 T A,G . . RS=rs7560;Source=dbsnp
NC_000014.9 59604560 rs10483717 T G . . RS=rs10483717;Source=dbsnp
NC_000014.9 59642862 rs12434215 A C,G . . RS=rs12434215;Source=dbsnp
NC_000014.9 59643053 rs12431381 T C . . RS=rs12431381;Source=dbsnp
NC_000014.9 59691018 rs1952034 C A,T . . RS=rs1952034;Source=dbsnp
NC_000014.9 59871628 rs2882302 A G . . RS=rs2882302;Source=dbsnp
NC_000014.9 59881557 rs1951366 G A . . RS=rs1951366;Source=dbsnp
NC_000014.9 59888997 rs1951371 G A,C . . RS=rs1951371;Source=dbsnp
NC_000014.9 59976472 rs219326 C A,G,T . . RS=rs219326;Source=dbsnp
NC_000014.9 59988697 rs219349 C G,T . . RS=rs219349;Source=dbsnp
NC_000014.9 60018213 rs219391 C T . . RS=rs219391;Source=dbsnp
NC_000014.9 60072515 rs461951 G T . . RS=rs461951;Source=dbsnp
```

```
NC_000014.9 60113568 rs160222 C T . . RS=rs160222;Source=dbsnp
NC_000014.9 60137165 rs425565 G C . . RS=rs425565;Source=dbsnp
NC_000014.9 60185215 rs216524 C A . . RS=rs216524;Source=dbsnp
NC_000014.9 60207772 rs17093348 G A . . RS=rs17093348;Source=dbsnp
NC_000014.9 60212535 rs6573295 T C . . RS=rs6573295;Source=dbsnp
NC_000014.9 60220695 rs4901972 C A . . RS=rs4901972;Source=dbsnp
NC_000014.9 60221305 rs11849674 A G . . RS=rs11849674;Source=dbsnp
NC_000014.9 60222442 rs10148587 C T . . RS=rs10148587;Source=dbsnp
NC_000014.9 60222460 rs188620 A C . . RS=rs188620;Source=dbsnp
NC_000014.9 60222491 rs10137732 T C . . RS=rs10137732;Source=dbsnp
NC_000014.9 60234185 rs11628933 G C,T . . RS=rs11628933;Source=dbsnp
NC_000014.9 60238751 rs6573298 G A,C . . RS=rs6573298;Source=dbsnp
NC_000014.9 60238857 rs7145505 C G . . RS=rs7145505;Source=dbsnp
NC_000014.9 60240693 rs8019531 G A . . RS=rs8019531;Source=dbsnp
NC_000014.9 60240713 rs11628587 C T . . RS=rs11628587;Source=dbsnp
NC_000014.9 60240828 rs11628628 C A . . RS=rs11628628;Source=dbsnp
NC_000014.9 60251558 rs8011227 A G . . RS=rs8011227;Source=dbsnp
NC_000014.9 60258339 rs7158657 A C . . RS=rs7158657;Source=dbsnp
NC_000014.9 60259546 rs17097243 A G . . RS=rs17097243;Source=dbsnp
NC_000014.9 60268245 rs10142834 A G,T . . RS=rs10142834;Source=dbsnp
NC_000014.9 60271639 rs17097262 C T . . RS=rs17097262;Source=dbsnp
NC_000014.9 60273608 rs1887104 T G . . RS=rs1887104;Source=dbsnp
NC_000014.9 60276501 rs1887103 A G,T . . RS=rs1887103;Source=dbsnp
NC_000014.9 60277916 rs7146234 A G . . RS=rs7146234;Source=dbsnp
NC_000014.9 60282062 rs12323784 G A . . RS=rs12323784;Source=dbsnp
NC_000014.9 60282400 rs7154773 G C . . RS=rs7154773;Source=dbsnp
NC_000014.9 60283647 rs8012816 C T . . RS=rs8012816;Source=dbsnp
NC_000014.9 60289266 rs10130695 C T . . RS=rs10130695;Source=dbsnp
NC_000014.9 60298527 rs2273623 A G . . RS=rs2273623;Source=dbsnp
NC_000014.9 60319006 rs2350890 C A,G,T . . RS=rs2350890;Source=dbsnp
NC_000014.9 60322458 rs4901977 C G,T . . RS=rs4901977;Source=dbsnp
NC_000014.9 60330827 rs8012339 T G . . RS=rs8012339;Source=dbsnp
NC_000014.9 60331291 rs6573307 T A,G . . RS=rs6573307;Source=dbsnp
NC_000014.9 60355944 rs1266416 C T . . RS=rs1266416;Source=dbsnp
NC_000014.9 60360092 rs17097373 T C . . RS=rs17097373;Source=dbsnp
NC_000014.9 60383985 rs2753462 G C,T . . RS=rs2753462;Source=dbsnp
NC_000014.9 60437039 rs1254319 G A,T . . RS=rs1254319;Source=dbsnp
NC_000014.9 60453807 rs1254337 A G,T . . RS=rs1254337;Source=dbsnp
NC_000014.9 60461483 rs1956549 G A,C,T . . RS=rs1956549;Source=dbsnp
NC_000014.9 60464648 rs10483724 C T . . RS=rs10483724;Source=dbsnp
NC_000014.9 60476388 rs10138913 T C . . RS=rs10138913;Source=dbsnp
NC_000014.9 60490561 rs2093210 C G,T . . RS=rs2093210;Source=dbsnp
NC_000014.9 60504419 rs1018533 T C . . RS=rs1018533;Source=dbsnp
NC_000014.9 60507655 rs8004739 C T . . RS=rs8004739;Source=dbsnp
NC_000014.9 60508861 rs3759688 A C,T . . RS=rs3759688;Source=dbsnp
NC_000014.9 60509508 rs786204851 T C . . RS=rs786204851;Source=dbsnp
NC_000014.9 60509675 rs78954112 G C,T . . RS=rs78954112;Source=dbsnp
NC_000014.9 60509819 rs33912345 C A,G . . RS=rs33912345;Source=dbsnp
```

```
NC_000014.9 60509891 rs104894480 A G . . RS=rs104894480;Source=dbsnp
NC_000014.9 60509930 rs786205142 AAACCG A . . RS=rs786205142;Source=dbsnp
NC_000014.9 60511125 rs45549246 T G . . RS=rs45549246;Source=dbsnp
NC_000014.9 60516369 rs12436579 C A,G . . RS=rs12436579;Source=dbsnp
NC_000014.9 60523184 rs76172201 A T . . RS=rs76172201;Source=dbsnp
NC_000014.9 60530412 rs17097602 C G,T . . RS=rs17097602;Source=dbsnp
NC_000014.9 60537410 rs1955691 G A . . RS=rs1955691;Source=dbsnp
NC_000014.9 60538907 rs1010053 A G,T . . RS=rs1010053;Source=dbsnp
NC_000014.9 60552841 rs11849906 A G . . RS=rs11849906;Source=dbsnp
NC_000014.9 60555167 rs12587483 G A,T . . RS=rs12587483;Source=dbsnp
NC_000014.9 60589222 rs10148202 A C,G,T . . RS=rs10148202;Source=dbsnp
NC_000014.9 60597053 rs10133871 A C,G,T . . RS=rs10133871;Source=dbsnp
NC_000014.9 60606157 rs10483727 T A,C . . RS=rs10483727;Source=dbsnp
NC_000014.9 60610304 rs2057135 G A . . RS=rs2057135;Source=dbsnp
NC_000014.9 60610778 rs77636526 G A . . RS=rs77636526;Source=dbsnp
NC_000014.9 60613803 rs79319089 T A,C . . RS=rs79319089;Source=dbsnp
NC_000014.9 60619193 rs75320987 T C . . RS=rs75320987;Source=dbsnp
NC_000014.9 60621022 rs7156317 G A,C . . RS=rs7156317;Source=dbsnp
NC_000014.9 60622618 rs7146104 G A . . RS=rs7146104;Source=dbsnp
NC_000014.9 60624683 rs34935520 G A . . RS=rs34935520;Source=dbsnp
NC_000014.9 60628456 rs35155027 G C,T . . RS=rs35155027;Source=dbsnp
NC_000014.9 60631965 rs767603 T A,C . . RS=rs767603;Source=dbsnp
NC_000014.9 60639301 rs2057136 T A,G . . RS=rs2057136;Source=dbsnp
NC_000014.9 60648703 rs876658002 G C . . RS=rs876658002;Source=dbsnp
NC_000014.9 60648791 rs80356460 CTCCT CT . . RS=rs80356460;Source=dbsnp
NC_000014.9 60648804 rs104894478 T C,G . . RS=rs104894478;Source=dbsnp
NC_000014.9 60648817 rs797044960 C T . . RS=rs797044960;Source=dbsnp
NC_000014.9 60648826 rs121909770 A T . . RS=rs121909770;Source=dbsnp
NC_000014.9 60648856 rs397515561 G A . . RS=rs397515561;Source=dbsnp
NC_000014.9 60648862 rs80356459 G A . . RS=rs80356459;Source=dbsnp
NC_000014.9 60648873 rs397515560 A C . . RS=rs397515560;Source=dbsnp
NC_000014.9 60649028 rs150550985 C T . . RS=rs150550985;Source=dbsnp
NC_000014.9 60649140 rs397515562 A T . . RS=rs397515562;Source=dbsnp
NC_000014.9 60655322 rs7152548 A G,T . . RS=rs7152548;Source=dbsnp
NC_000014.9 60655808 rs7153648 C A,G,T . . RS=rs7153648;Source=dbsnp
NC_000014.9 60657443 rs73309474 A C . . RS=rs73309474;Source=dbsnp
NC_000014.9 60661198 rs7143029 T A,C . . RS=rs7143029;Source=dbsnp
NC_000014.9 60673688 rs12147345 C A,T . . RS=rs12147345;Source=dbsnp
NC_000014.9 60673690 rs12147346 C T . . RS=rs12147346;Source=dbsnp
NC_000014.9 60673799 rs10137383 A C,T . . RS=rs10137383;Source=dbsnp
NC_000014.9 60676340 rs12589826 A G,T . . RS=rs12589826;Source=dbsnp
NC_000014.9 60690297 rs2351179 C A,T . . RS=rs2351179;Source=dbsnp
NC_000014.9 60693472 rs61991690 T C . . RS=rs61991690;Source=dbsnp
NC_000014.9 60732627 rs1885094 C T . . RS=rs1885094;Source=dbsnp
NC_000014.9 60734916 rs4151150 C T . . RS=rs4151150;Source=dbsnp
NC_000014.9 60775032 rs4151182 A C,T . . RS=rs4151182;Source=dbsnp
NC_000014.9 60808948 rs4151223 T G . . RS=rs4151223;Source=dbsnp
NC_000014.9 60811966 rs2020892 A G . . RS=rs2020892;Source=dbsnp
```

```
NC_000014.9 60818634 rs973063 A G . . RS=rs973063;Source=dbsnp
NC_000014.9 60826202 rs6573332 A G,T . . RS=rs6573332;Source=dbsnp
NC_000014.9 60841619 rs6573333 T A,C,G . . RS=rs6573333;Source=dbsnp
NC_000014.9 60849546 rs3783819 A G . . RS=rs3783819;Source=dbsnp
NC_000014.9 60901315 rs7150492 T C . . RS=rs7150492;Source=dbsnp
NC_000014.9 60904827 rs4151330 A G . . RS=rs4151330;Source=dbsnp
NC_000014.9 60916029 rs4151351 G A . . RS=rs4151351;Source=dbsnp
NC_000014.9 60935235 rs4151374 G A,C,T . . RS=rs4151374;Source=dbsnp
NC_000014.9 60949744 rs2882684 A G . . RS=rs2882684;Source=dbsnp
NC_000014.9 60961694 rs4151400 C T . . RS=rs4151400;Source=dbsnp
NC_000014.9 60964898 rs8012779 T C . . RS=rs8012779;Source=dbsnp
NC_000014.9 60967503 rs4151405 G C,T . . RS=rs4151405;Source=dbsnp
NC_000014.9 60975763 rs1057517685 T C . . RS=rs1057517685;Source=dbsnp
NC_000014.9 60976047 rs746738473 C A,T . . RS=rs746738473;Source=dbsnp
NC_000014.9 60976821 rs2296926 C T . . RS=rs2296926;Source=dbsnp
NC_000014.9 60979363 rs76079086 G C,T . . RS=rs76079086;Source=dbsnp
NC_000014.9 60979583 rs755184077 TATTT T . . RS=rs755184077;Source=dbsnp
NC_000014.9 60982610 rs976272 T A,C,G . . RS=rs976272;Source=dbsnp
NC_000014.9 61223866 rs17098138 A C . . RS=rs17098138;Source=dbsnp
NC_000014.9 61410346 rs912620 T G . . RS=rs912620;Source=dbsnp
NC_000014.9 61441358 rs1957893 T A,C . . RS=rs1957893;Source=dbsnp
NC_000014.9 61443198 rs1042559 A G,T . . RS=rs1042559;Source=dbsnp
NC_000014.9 61450460 rs2296274 G A,T . . RS=rs2296274;Source=dbsnp
NC_000014.9 61452498 rs3783799 C T . . RS=rs3783799;Source=dbsnp
NC_000014.9 61457521 rs2230500 G A . . RS=rs2230500;Source=dbsnp
NC_000014.9 61457523 rs2230501 A C . . RS=rs2230501;Source=dbsnp
NC_000014.9 61463960 rs11158347 A G . . RS=rs11158347;Source=dbsnp
NC_000014.9 61467300 rs959728 C A,T . . RS=rs959728;Source=dbsnp
NC_000014.9 61467482 rs959729 T A,C . . RS=rs959729;Source=dbsnp
NC_000014.9 61470574 rs3783785 T A,C . . RS=rs3783785;Source=dbsnp
NC_000014.9 61473957 rs3783782 G A . . RS=rs3783782;Source=dbsnp
NC_000014.9 61490240 rs4902067 C A,G . . RS=rs4902067;Source=dbsnp
NC_000014.9 61494692 rs12897140 G C,T . . RS=rs12897140;Source=dbsnp
NC_000014.9 61517966 rs2252267 A C,G . . RS=rs2252267;Source=dbsnp
NC_000014.9 61522983 rs10483741 A G . . RS=rs10483741;Source=dbsnp
NC_000014.9 61525314 rs1111108 C G,T . . RS=rs1111108;Source=dbsnp
NC_000014.9 61530508 rs1088680 C T . . RS=rs1088680;Source=dbsnp
NC_000014.9 61541347 rs2246695 C G,T . . RS=rs2246695;Source=dbsnp
NC_000014.9 61549902 rs1139537 G C . . RS=rs1139537;Source=dbsnp
NC_000014.9 61621668 rs2255959 G A,C . . RS=rs2255959;Source=dbsnp
NC_000014.9 61639547 rs710059 C T . . RS=rs710059;Source=dbsnp
NC_000014.9 61643957 rs710052 C G,T . . RS=rs710052;Source=dbsnp
NC_000014.9 61667038 rs2783778 C T . . RS=rs2783778;Source=dbsnp
NC_000014.9 61674004 rs2256605 C G . . RS=rs2256605;Source=dbsnp
NC_000014.9 61676071 rs7148720 T C . . RS=rs7148720;Source=dbsnp
NC_000014.9 61676555 rs11846496 G A,C . . RS=rs11846496;Source=dbsnp
NC_000014.9 61680493 rs798847 G A,C . . RS=rs798847;Source=dbsnp
NC_000014.9 61693802 rs10146037 T C . . RS=rs10146037;Source=dbsnp
```

```
NC_000014.9 61698310 rs2301104 G C . . RS=rs2301104;Source=dbsnp
NC_000014.9 61699845 rs2301106 T C . . RS=rs2301106;Source=dbsnp
NC_000014.9 61700037 rs7143164 G C . . RS=rs7143164;Source=dbsnp
NC_000014.9 61704708 rs1951795 A C,T . . RS=rs1951795;Source=dbsnp
NC_000014.9 61715236 rs10129270 G A . . RS=rs10129270;Source=dbsnp
NC_000014.9 61718577 rs8005745 T A,C,G . . RS=rs8005745;Source=dbsnp
NC_000014.9 61722813 rs4899056 T A,C,G . . RS=rs4899056;Source=dbsnp
NC_000014.9 61723618 rs1957755 A C,G,T . . RS=rs1957755;Source=dbsnp
NC_000014.9 61727582 rs193920781 G A . . RS=rs193920781;Source=dbsnp
NC_000014.9 61730230 rs1957757 T C . . RS=rs1957757;Source=dbsnp
NC_000014.9 61730580 rs12434438 G A,C . . RS=rs12434438;Source=dbsnp
NC_000014.9 61732236 rs11158358 G A,C,T . . RS=rs11158358;Source=dbsnp
NC_000014.9 61733800 rs966824 T C . . RS=rs966824;Source=dbsnp
NC_000014.9 61736744 rs10873142 C T . . RS=rs10873142;Source=dbsnp
NC_000014.9 61738090 rs41508050 C T . . RS=rs41508050;Source=dbsnp
NC_000014.9 61739455 rs2301112 A C,T . . RS=rs2301112;Source=dbsnp
NC_000014.9 61739830 rs2301113 C A,G,T . . RS=rs2301113;Source=dbsnp
NC_000014.9 61740787 rs41492849 C T . . RS=rs41492849;Source=dbsnp
NC_000014.9 61740835 rs34005929 G A . . RS=rs34005929;Source=dbsnp
NC_000014.9 61740839 rs11549465 C T . . RS=rs11549465;Source=dbsnp
NC_000014.9 61740857 rs11549467 G A . . RS=rs11549467;Source=dbsnp
NC_000014.9 61741287 rs4902080 T C,G . . RS=rs4902080;Source=dbsnp
NC_000014.9 61746990 rs1802821 A G . . RS=rs1802821;Source=dbsnp
NC_000014.9 61747130 rs2057482 T A,C,G . . RS=rs2057482;Source=dbsnp
NC_000014.9 61752507 rs1319462 G A,T . . RS=rs1319462;Source=dbsnp
NC_000014.9 61757998 rs7143626 G A,C . . RS=rs7143626;Source=dbsnp
NC_000014.9 61762395 rs17099207 G A . . RS=rs17099207;Source=dbsnp
NC_000014.9 61930727 rs6573406 T C . . RS=rs6573406;Source=dbsnp
NC_000014.9 61965295 rs2784505 A G . . RS=rs2784505;Source=dbsnp
NC_000014.9 62051630 rs6573416 C G,T . . RS=rs6573416;Source=dbsnp
NC_000014.9 62083101 rs4902100 G A,C . . RS=rs4902100;Source=dbsnp
NC_000014.9 62112413 rs1129026 A G,T . . RS=rs1129026;Source=dbsnp
NC_000014.9 62187980 rs973968 G A . . RS=rs973968;Source=dbsnp
NC_000014.9 62211585 rs1514928 C A . . RS=rs1514928;Source=dbsnp
NC_000014.9 62256760 rs1533357 T A,C,G . . RS=rs1533357;Source=dbsnp
NC_000014.9 62273374 rs7492698 A G . . RS=rs7492698;Source=dbsnp
NC_000014.9 62421352 rs35543418 G A,T . . RS=rs35543418;Source=dbsnp
NC_000014.9 62466359 rs923485 T C . . RS=rs923485;Source=dbsnp
NC_000014.9 62486405 rs17100010 G A,C . . RS=rs17100010;Source=dbsnp
NC_000014.9 62493790 rs10498500 A G . . RS=rs10498500;Source=dbsnp
NC_000014.9 62501677 rs4902141 T C . . RS=rs4902141;Source=dbsnp
NC_000014.9 62591894 rs17100108 A T . . RS=rs17100108;Source=dbsnp
NC_000014.9 62656289 rs1953248 T C,G . . RS=rs1953248;Source=dbsnp
NC_000014.9 62665263 rs1106494 G A . . RS=rs1106494;Source=dbsnp
NC_000014.9 62666686 rs1113000 G A . . RS=rs1113000;Source=dbsnp
NC_000014.9 62697931 rs10483752 A G . . RS=rs10483752;Source=dbsnp
NC_000014.9 62799180 rs2065632 G A,T . . RS=rs2065632;Source=dbsnp
NC_000014.9 62834639 rs243149 T A,C . . RS=rs243149;Source=dbsnp
```

```
NC_000014.9 62838427 rs243146 A G,T . . RS=rs243146;Source=dbsnp
NC_000014.9 62935738 rs8019319 T C . . RS=rs8019319;Source=dbsnp
NC_000014.9 62950522 rs587777164 C T . . RS=rs587777164;Source=dbsnp
NC_000014.9 62981273 rs374202650 G A,C . . RS=rs374202650;Source=dbsnp
NC_000014.9 63001413 rs116027402 T C . . RS=rs116027402;Source=dbsnp
NC_000014.9 63101770 rs9323431 A C,G,T . . RS=rs9323431;Source=dbsnp
NC_000014.9 63105549 rs10129357 T G . . RS=rs10129357;Source=dbsnp
NC_000014.9 63133372 rs10129516 T A,C . . RS=rs10129516;Source=dbsnp
NC_000014.9 63147738 rs7401404 T A,C,G . . RS=rs7401404;Source=dbsnp
NC_000014.9 63202929 rs1957779 A C,G,T . . RS=rs1957779;Source=dbsnp
NC_000014.9 63204185 rs4902214 T A,C . . RS=rs4902214;Source=dbsnp
NC_000014.9 63212991 rs17177789 C A . . RS=rs17177789;Source=dbsnp
NC_000014.9 63283297 rs2179967 C T . . RS=rs2179967;Source=dbsnp
NC_000014.9 63292472 rs2012961 T A,C,G . . RS=rs2012961;Source=dbsnp
NC_000014.9 63314010 rs728526 C A,G,T . . RS=rs728526;Source=dbsnp
NC_000014.9 63315449 rs1741099 C A,G,T . . RS=rs1741099;Source=dbsnp
NC_000014.9 63386534 rs7146445 A C . . RS=rs7146445;Source=dbsnp
NC_000014.9 63387521 rs10135846 A C,G,T . . RS=rs10135846;Source=dbsnp
NC_000014.9 63389042 rs6573513 C A,G,T . . RS=rs6573513;Source=dbsnp
NC_000014.9 63407037 rs6573514 G A . . RS=rs6573514;Source=dbsnp
NC_000014.9 63410452 rs11158490 T G . . RS=rs11158490;Source=dbsnp
NC_000014.9 63418266 rs1951210 G A,T . . RS=rs1951210;Source=dbsnp
NC_000014.9 63421604 rs10145042 T C . . RS=rs10145042;Source=dbsnp
NC_000014.9 63423622 rs2180493 A T . . RS=rs2180493;Source=dbsnp
NC_000014.9 63434014 rs4147456 C T . . RS=rs4147456;Source=dbsnp
NC_000014.9 63434576 rs10140679 C G,T . . RS=rs10140679;Source=dbsnp
NC_000014.9 63436838 rs11846721 T C . . RS=rs11846721;Source=dbsnp
NC_000014.9 63438672 rs8005767 A G . . RS=rs8005767;Source=dbsnp
NC_000014.9 63454954 rs3783741 G C,T . . RS=rs3783741;Source=dbsnp
NC_000014.9 63461828 rs8016306 A G,T . . RS=rs8016306;Source=dbsnp
NC_000014.9 63473364 rs1012145 G A,T . . RS=rs1012145;Source=dbsnp
NC_000014.9 63478265 rs1951212 G A . . RS=rs1951212;Source=dbsnp
NC_000014.9 63486804 rs11158493 C G,T . . RS=rs11158493;Source=dbsnp
NC_000014.9 63489849 rs4902230 T A,G . . RS=rs4902230;Source=dbsnp
NC_000014.9 63498472 rs1255625 T G . . RS=rs1255625;Source=dbsnp
NC_000014.9 63498804 rs7144300 T C . . RS=rs7144300;Source=dbsnp
NC_000014.9 63511643 rs8009130 A T . . RS=rs8009130;Source=dbsnp
NC_000014.9 63511757 rs1255641 C T . . RS=rs1255641;Source=dbsnp
NC_000014.9 63513290 rs4902233 G A,C,T . . RS=rs4902233;Source=dbsnp
NC_000014.9 63515065 rs1152449 T C . . RS=rs1152449;Source=dbsnp
NC_000014.9 63577379 rs1271565 T C . . RS=rs1271565;Source=dbsnp
NC_000014.9 63629744 rs17750684 C T . . RS=rs17750684;Source=dbsnp
NC_000014.9 63690399 rs2883990 T C . . RS=rs2883990;Source=dbsnp
NC_000014.9 63702147 rs11624105 G A . . RS=rs11624105;Source=dbsnp
NC_000014.9 63737764 rs8013824 C A,G,T . . RS=rs8013824;Source=dbsnp
NC_000014.9 63763371 rs4902242 T C . . RS=rs4902242;Source=dbsnp
NC_000014.9 63765502 rs7160525 G A . . RS=rs7160525;Source=dbsnp
NC_000014.9 63765668 rs17101394 G A,C . . RS=rs17101394;Source=dbsnp
```

```
NC_000014.9 63768838 rs7157785 G T . . RS=rs7157785;Source=dbsnp
NC_000014.9 63809094 rs7144584 T A,C . . RS=rs7144584;Source=dbsnp
NC_000014.9 63848602 rs11158515 G A,T . . RS=rs11158515;Source=dbsnp
NC_000014.9 63868868 rs1959033 G A . . RS=rs1959033;Source=dbsnp
NC_000014.9 63876985 rs4902250 C T . . RS=rs4902250;Source=dbsnp
NC_000014.9 63879472 rs4459477 C A,T . . RS=rs4459477;Source=dbsnp
NC_000014.9 63897867 rs11158519 G A,T . . RS=rs11158519;Source=dbsnp
NC_000014.9 63920750 rs12889954 T C . . RS=rs12889954;Source=dbsnp
NC_000014.9 63942134 rs33976862 G C . . RS=rs33976862;Source=dbsnp
NC_000014.9 63949937 rs139238702 A G . . RS=rs139238702;Source=dbsnp
NC_000014.9 63977907 rs35554503 C A . . RS=rs35554503;Source=dbsnp
NC_000014.9 63981058 rs9944035 T C . . RS=rs9944035;Source=dbsnp
NC_000014.9 63995289 rs1255912 A C . . RS=rs1255912;Source=dbsnp
NC_000014.9 64001936 rs201166748 T A,C . . RS=rs201166748;Source=dbsnp
NC_000014.9 64003110 rs17751301 C T . . RS=rs17751301;Source=dbsnp
NC_000014.9 64007107 rs786205488 C A,T . . RS=rs786205488;Source=dbsnp
NC_000014.9 64009962 rs7146588 T A . . RS=rs7146588;Source=dbsnp
NC_000014.9 64024356 rs780436538 C T . . RS=rs780436538;Source=dbsnp
NC_000014.9 64024977 rs4902264 T C . . RS=rs4902264;Source=dbsnp
NC_000014.9 64027560 rs10151127 C A,G,T . . RS=rs10151127;Source=dbsnp
NC_000014.9 64030031 rs4027402 C T . . RS=rs4027402;Source=dbsnp
NC_000014.9 64030045 rs11850509 T C . . RS=rs11850509;Source=dbsnp
NC_000014.9 64031212 rs4027404 G A,T . . RS=rs4027404;Source=dbsnp
NC_000014.9 64031319 rs4027405 G A . . RS=rs4027405;Source=dbsnp
NC_000014.9 64051603 rs11628107 A G . . RS=rs11628107;Source=dbsnp
NC_000014.9 64051675 rs373690979 G A . . RS=rs373690979;Source=dbsnp
NC_000014.9 64052317 rs1890908 A C,G,T . . RS=rs1890908;Source=dbsnp
NC_000014.9 64052737 rs3829767 A C,G,T . . RS=rs3829767;Source=dbsnp
NC_000014.9 64052991 rs34843668 A T . . RS=rs34843668;Source=dbsnp
NC_000014.9 64053302 rs11847087 A G . . RS=rs11847087;Source=dbsnp
NC_000014.9 64055956 rs8010911 G C . . RS=rs8010911;Source=dbsnp
NC_000014.9 64055984 rs374766665 A G . . RS=rs374766665;Source=dbsnp
NC_000014.9 64056125 rs8010699 A G,T . . RS=rs8010699;Source=dbsnp
NC_000014.9 64061353 rs10140978 G A,C,T . . RS=rs10140978;Source=dbsnp
NC_000014.9 64081575 rs138514054 G A,C . . RS=rs138514054;Source=dbsnp
NC_000014.9 64084970 rs1255953 C T . . RS=rs1255953;Source=dbsnp
NC_000014.9 64087799 rs17101637 A G . . RS=rs17101637;Source=dbsnp
NC_000014.9 64091016 rs10137972 A C,G . . RS=rs10137972;Source=dbsnp
NC_000014.9 64093373 rs2792205 T C . . RS=rs2792205;Source=dbsnp
NC_000014.9 64093374 rs2781377 G A . . RS=rs2781377;Source=dbsnp
NC_000014.9 64107422 rs10135310 C A,T . . RS=rs10135310;Source=dbsnp
NC_000014.9 64113579 rs145218296 T C . . RS=rs145218296;Source=dbsnp
NC_000014.9 64122341 rs1057520190 G A . . RS=rs1057520190;Source=dbsnp
NC_000014.9 64122422 rs146894065 C A,T . . RS=rs146894065;Source=dbsnp
NC_000014.9 64125072 rs7140414 C G . . RS=rs7140414;Source=dbsnp
NC_000014.9 64127301 rs57018718 G A,T . . RS=rs57018718;Source=dbsnp
NC_000014.9 64137877 rs12881815 G A . . RS=rs12881815;Source=dbsnp
NC_000014.9 64139936 rs17825431 G A,C,T . . RS=rs17825431;Source=dbsnp
```

```
NC_000014.9 64146127 rs11629287 C T . . RS=rs11629287;Source=dbsnp
NC_000014.9 64146140 rs10151658 C A,T . . RS=rs10151658;Source=dbsnp
NC_000014.9 64170429 rs7161192 C A . . RS=rs7161192;Source=dbsnp
NC_000014.9 64177450 rs202141038 C G,T . . RS=rs202141038;Source=dbsnp
NC_000014.9 64180928 rs1268656 T A,G . . RS=rs1268656;Source=dbsnp
NC_000014.9 64186428 rs117070973 T C . . RS=rs117070973;Source=dbsnp
NC_000014.9 64190137 rs2256191 T C . . RS=rs2256191;Source=dbsnp
NC_000014.9 64210033 rs36215895 C G,T . . RS=rs36215895;Source=dbsnp
NC_000014.9 64212580 rs8021944 T G . . RS=rs8021944;Source=dbsnp
NC_000014.9 64214130 rs1152591 A C,G,T . . RS=rs1152591;Source=dbsnp
NC_000014.9 64214475 rs1152590 C A,T . . RS=rs1152590;Source=dbsnp
NC_000014.9 64219407 rs35648226 G A,T . . RS=rs35648226;Source=dbsnp
NC_000014.9 64219489 rs915057 A G,T . . RS=rs915057;Source=dbsnp
NC_000014.9 64221457 rs1152588 G A,C . . RS=rs1152588;Source=dbsnp
NC_000014.9 64223293 rs1048312 T A . . RS=rs1048312;Source=dbsnp
NC_000014.9 64225135 rs12434245 C T . . RS=rs12434245;Source=dbsnp
NC_000014.9 64225398 rs141474837 C T . . RS=rs141474837;Source=dbsnp
NC_000014.9 64225659 rs1152583 C A . . RS=rs1152583;Source=dbsnp
NC_000014.9 64225747 rs1048315 T C . . RS=rs1048315;Source=dbsnp
NC_000014.9 64225912 rs1152582 G A,C . . RS=rs1152582;Source=dbsnp
NC_000014.9 64227153 rs1255998 G C,T . . RS=rs1255998;Source=dbsnp
NC_000014.9 64227194 rs58262369 C T . . RS=rs58262369;Source=dbsnp
NC_000014.9 64227364 rs8018687 T C . . RS=rs8018687;Source=dbsnp
NC_000014.9 64227477 rs928554 C G,T . . RS=rs928554;Source=dbsnp
NC_000014.9 64228369 rs1152579 A C,G . . RS=rs1152579;Source=dbsnp
NC_000014.9 64230099 rs944458 T A,C,G . . RS=rs944458;Source=dbsnp
NC_000014.9 64232173 rs1256066 C G,T . . RS=rs1256066;Source=dbsnp
NC_000014.9 64232214 rs1256065 G C,T . . RS=rs1256065;Source=dbsnp
NC_000014.9 64232640 rs944459 C T . . RS=rs944459;Source=dbsnp
NC_000014.9 64232732 rs8006145 C A,T . . RS=rs8006145;Source=dbsnp
NC_000014.9 64233098 rs4986938 C T . . RS=rs4986938;Source=dbsnp
NC_000014.9 64233327 rs944050 T C . . RS=rs944050;Source=dbsnp
NC_000014.9 64234021 rs1256064 A G . . RS=rs1256064;Source=dbsnp
NC_000014.9 64234324 rs867443 G A . . RS=rs867443;Source=dbsnp
NC_000014.9 64234712 rs1109056 C G,T . . RS=rs1109056;Source=dbsnp
NC_000014.9 64234738 rs944460 C G,T . . RS=rs944460;Source=dbsnp
NC_000014.9 64235499 rs1256063 A G,T . . RS=rs1256063;Source=dbsnp
NC_000014.9 64236600 rs1256062 T C . . RS=rs1256062;Source=dbsnp
NC_000014.9 64236875 rs1256061 G A,T . . RS=rs1256061;Source=dbsnp
NC_000014.9 64238276 rs10144225 A G . . RS=rs10144225;Source=dbsnp
NC_000014.9 64243699 rs1256059 A G,T . . RS=rs1256059;Source=dbsnp
NC_000014.9 64245637 rs1952585 A G . . RS=rs1952585;Source=dbsnp
NC_000014.9 64249055 rs17766755 G A . . RS=rs17766755;Source=dbsnp
NC_000014.9 64249595 rs1256054 G C . . RS=rs1256054;Source=dbsnp
NC_000014.9 64249911 rs2274705 A C . . RS=rs2274705;Source=dbsnp
NC_000014.9 64253546 rs4365213 T C . . RS=rs4365213;Source=dbsnp
NC_000014.9 64256807 rs12435857 G A . . RS=rs12435857;Source=dbsnp
NC_000014.9 64257333 rs1256049 C T . . RS=rs1256049;Source=dbsnp
```

```
NC_000014.9 64267309 rs1256044 G A,C,T . . RS=rs1256044;Source=dbsnp
NC_000014.9 64267564 rs1256043 A C,G . . RS=rs1256043;Source=dbsnp
NC_000014.9 64269942 rs7154455 G A,C . . RS=rs7154455;Source=dbsnp
NC_000014.9 64270753 rs1271573 A G,T . . RS=rs1271573;Source=dbsnp
NC_000014.9 64271676 rs1256040 G A,T . . RS=rs1256040;Source=dbsnp
NC_000014.9 64272261 rs1256039 G A,C,T . . RS=rs1256039;Source=dbsnp
NC_000014.9 64277172 rs1269056 T C . . RS=rs1269056;Source=dbsnp
NC_000014.9 64278407 rs1256034 C A,G,T . . RS=rs1256034;Source=dbsnp
NC_000014.9 64278461 rs960070 G C,T . . RS=rs960070;Source=dbsnp
NC_000014.9 64278681 rs1256033 T A,C . . RS=rs1256033;Source=dbsnp
NC_000014.9 64279461 rs1256031 G A,T . . RS=rs1256031;Source=dbsnp
NC_000014.9 64280452 rs1256030 A G,T . . RS=rs1256030;Source=dbsnp
NC_000014.9 64284654 rs3783736 G T . . RS=rs3783736;Source=dbsnp
NC_000014.9 64287643 rs6573553 G C,T . . RS=rs6573553;Source=dbsnp
NC_000014.9 64292158 rs7159462 C T . . RS=rs7159462;Source=dbsnp
NC_000014.9 64292701 rs1952586 T C . . RS=rs1952586;Source=dbsnp
NC_000014.9 64293893 rs1887994 C A . . RS=rs1887994;Source=dbsnp
NC_000014.9 64294096 rs3832949 GGGGGGG GGGGGG,GGGGGGGG,GGGGGGGGG . . RS=rs3832949;Source=dbsn
NC_000014.9 64294403 rs35036378 A C . . RS=rs35036378;Source=dbsnp
NC_000014.9 64294876 rs3829768 A C,G . . RS=rs3829768;Source=dbsnp
NC_000014.9 64295087 rs8008187 G A,C . . RS=rs8008187;Source=dbsnp
NC_000014.9 64295199 rs1271572 A C,T . . RS=rs1271572;Source=dbsnp
NC_000014.9 64295200 rs3841304 CCCCCC CCCCC,CCCCCCC . . RS=rs3841304;Source=dbsnp
NC_000014.9 64296881 rs10483774 G A . . RS=rs10483774;Source=dbsnp
NC_000014.9 64296935 rs2987983 A G . . RS=rs2987983;Source=dbsnp
NC_000014.9 64299934 rs2978381 T C,G . . RS=rs2978381;Source=dbsnp
NC_000014.9 64301584 rs3020450 C A,T . . RS=rs3020450;Source=dbsnp
NC_000014.9 64306674 rs3020449 A G,T . . RS=rs3020449;Source=dbsnp
NC_000014.9 64309058 rs10137185 C T . . RS=rs10137185;Source=dbsnp
NC_000014.9 64324295 rs3020444 A G . . RS=rs3020444;Source=dbsnp
NC_000014.9 64325622 rs3020443 T G . . RS=rs3020443;Source=dbsnp
NC_000014.9 64326863 rs17101774 T C . . RS=rs17101774;Source=dbsnp
NC_000014.9 64338283 rs1256120 A G,T . . RS=rs1256120;Source=dbsnp
NC_000014.9 64339114 rs944052 G A . . RS=rs944052;Source=dbsnp
NC_000014.9 64347593 rs1256112 C A,T . . RS=rs1256112;Source=dbsnp
NC_000014.9 64352051 rs10146204 G A . . RS=rs10146204;Source=dbsnp
NC_000014.9 64368800 rs2987981 A G . . RS=rs2987981;Source=dbsnp
NC_000014.9 64381283 rs2357481 A T . . RS=rs2357481;Source=dbsnp
NC_000014.9 64382697 rs2983733 G A . . RS=rs2983733;Source=dbsnp
NC_000014.9 64386187 rs1956545 C T . . RS=rs1956545;Source=dbsnp
NC_000014.9 64386954 rs4243628 G T . . RS=rs4243628;Source=dbsnp
NC_000014.9 64386958 rs8010584 A G,T . . RS=rs8010584;Source=dbsnp
NC_000014.9 64387955 rs746488 A T . . RS=rs746488;Source=dbsnp
NC_000014.9 64388323 rs1076991 T C,G . . RS=rs1076991;Source=dbsnp
NC_000014.9 64389076 rs3783732 A T . . RS=rs3783732;Source=dbsnp
NC_000014.9 64394669 rs3783731 G A . . RS=rs3783731;Source=dbsnp
NC_000014.9 64401953 rs8006686 T C . . RS=rs8006686;Source=dbsnp
NC_000014.9 64406881 rs8003379 A C . . RS=rs8003379;Source=dbsnp
```

```
NC_000014.9 64415662 rs1950902 A C,G,T . . RS=rs1950902;Source=dbsnp
NC_000014.9 64417358 rs56811449 C T . . RS=rs56811449;Source=dbsnp
NC_000014.9 64417388 rs17751556 T C . . RS=rs17751556;Source=dbsnp
NC_000014.9 64417894 rs4902283 C T . . RS=rs4902283;Source=dbsnp
NC_000014.9 64420993 rs17824591 G A . . RS=rs17824591;Source=dbsnp
NC_000014.9 64421337 rs1885031 C G,T . . RS=rs1885031;Source=dbsnp
NC_000014.9 64425752 rs34181110 G A . . RS=rs34181110;Source=dbsnp
NC_000014.9 64427383 rs11551058 G A,T . . RS=rs11551058;Source=dbsnp
NC_000014.9 64427644 rs11627525 C T . . RS=rs11627525;Source=dbsnp
NC_000014.9 64435398 rs2295639 T C . . RS=rs2295639;Source=dbsnp
NC_000014.9 64436730 rs8016556 T A,C . . RS=rs8016556;Source=dbsnp
NC_000014.9 64439547 rs17101854 G A . . RS=rs17101854;Source=dbsnp
NC_000014.9 64442127 rs2236225 G A . . RS=rs2236225;Source=dbsnp
NC_000014.9 64442433 rs2236224 G A,C . . RS=rs2236224;Source=dbsnp
NC_000014.9 64444076 rs1256142 G A,C . . RS=rs1256142;Source=dbsnp
NC_000014.9 64444909 rs1256143 T A,C . . RS=rs1256143;Source=dbsnp
NC_000014.9 64446393 rs11629135 G A . . RS=rs11629135;Source=dbsnp
NC_000014.9 64447819 rs3818239 T C . . RS=rs3818239;Source=dbsnp
NC_000014.9 64448464 rs2236222 A G . . RS=rs2236222;Source=dbsnp
NC_000014.9 64449447 rs10813 C T . . RS=rs10813;Source=dbsnp
NC_000014.9 64449470 rs17857382 C G,T . . RS=rs17857382;Source=dbsnp
NC_000014.9 64449545 rs1803951 G A,T . . RS=rs1803951;Source=dbsnp
NC_000014.9 64451694 rs11849530 A G . . RS=rs11849530;Source=dbsnp
NC_000014.9 64453947 rs1256146 G A . . RS=rs1256146;Source=dbsnp
NC_000014.9 64456448 rs6573559 G C,T . . RS=rs6573559;Source=dbsnp
NC_000014.9 64457259 rs11627387 G A . . RS=rs11627387;Source=dbsnp
NC_000014.9 64458272 rs1803950 C T . . RS=rs1803950;Source=dbsnp
NC_000014.9 64459379 rs2281603 T A,C . . RS=rs2281603;Source=dbsnp
NC_000014.9 64462569 rs34616731 T A . . RS=rs34616731;Source=dbsnp
NC_000014.9 64463914 rs745686 A C,G,T . . RS=rs745686;Source=dbsnp
NC_000014.9 64474873 rs10145013 C T . . RS=rs10145013;Source=dbsnp
NC_000014.9 64477555 rs10131416 C G . . RS=rs10131416;Source=dbsnp
NC_000014.9 64533320 rs1542313 A C,G,T . . RS=rs1542313;Source=dbsnp
NC_000014.9 64535232 rs17101915 G T . . RS=rs17101915;Source=dbsnp
NC_000014.9 64537173 rs7151976 A C,G,T . . RS=rs7151976;Source=dbsnp
NC_000014.9 64543642 rs11848114 C A,G . . RS=rs11848114;Source=dbsnp
NC_000014.9 64596597 rs10134770 C T . . RS=rs10134770;Source=dbsnp
NC_000014.9 64639141 rs11158547 T C . . RS=rs11158547;Source=dbsnp
NC_000014.9 64642608 rs10498516 A C . . RS=rs10498516;Source=dbsnp
NC_000014.9 64652958 rs4902304 C G,T . . RS=rs4902304;Source=dbsnp
NC_000014.9 64709851 rs732311 A G . . RS=rs732311;Source=dbsnp
NC_000014.9 64711197 rs12895353 G A . . RS=rs12895353;Source=dbsnp
NC_000014.9 64724195 rs17180090 C T . . RS=rs17180090;Source=dbsnp
NC_000014.9 64745677 rs229648 A C,G . . RS=rs229648;Source=dbsnp
NC_000014.9 64748447 rs1695769 G A . . RS=rs1695769;Source=dbsnp
NC_000014.9 64748448 rs1695770 C T . . RS=rs1695770;Source=dbsnp
NC_000014.9 64749402 rs57421986 C A,G,T . . RS=rs57421986;Source=dbsnp
NC_000014.9 64753656 rs143820600 G A,T . . RS=rs143820600;Source=dbsnp
```

```
NC_000014.9 64767290 rs11622977 G A . . RS=rs11622977;Source=dbsnp
NC_000014.9 64767300 rs863223302 C A . . RS=rs863223302;Source=dbsnp
NC_000014.9 64767691 rs121918650 C G,T . . RS=rs121918650;Source=dbsnp
NC_000014.9 64767725 rs121918645 C G . . RS=rs121918645;Source=dbsnp
NC_000014.9 64767746 rs863223303 TCTC TCTCTC . . RS=rs863223303;Source=dbsnp
NC_000014.9 64767750 rs747360003 C T . . RS=rs747360003;Source=dbsnp
NC_000014.9 64767808 rs121918649 A C . . RS=rs121918649;Source=dbsnp
NC_000014.9 64767827 rs121918648 A G . . RS=rs121918648;Source=dbsnp
NC_000014.9 64767829 rs121918647 G C . . RS=rs121918647;Source=dbsnp
NC_000014.9 64767867 rs56181906 G A . . RS=rs56181906;Source=dbsnp
NC_000014.9 64769113 rs75000411 G A . . RS=rs75000411;Source=dbsnp
NC_000014.9 64769735 rs7142689 G A . . RS=rs7142689;Source=dbsnp
NC_000014.9 64772598 rs17180252 G A . . RS=rs17180252;Source=dbsnp
NC_000014.9 64772678 rs200386310 C A,T . . RS=rs200386310;Source=dbsnp
NC_000014.9 64772867 rs267607086 G A . . RS=rs267607086;Source=dbsnp
NC_000014.9 64774510 rs229592 A C,G,T . . RS=rs229592;Source=dbsnp
NC_000014.9 64775149 rs4899145 G A,T . . RS=rs4899145;Source=dbsnp
NC_000014.9 64775188 rs4902310 T C . . RS=rs4902310;Source=dbsnp
NC_000014.9 64775215 rs4902311 G A . . RS=rs4902311;Source=dbsnp
NC_000014.9 64775326 rs184528 C G,T . . RS=rs184528;Source=dbsnp
NC_000014.9 64775349 rs61989884 T G . . RS=rs61989884;Source=dbsnp
NC_000014.9 64775407 rs4902312 C T . . RS=rs4902312;Source=dbsnp
NC_000014.9 64779145 rs1741489 C G,T . . RS=rs1741489;Source=dbsnp
NC_000014.9 64779238 rs1741488 C A,T . . RS=rs1741488;Source=dbsnp
NC_000014.9 64779244 rs1741487 A G . . RS=rs1741487;Source=dbsnp
NC_000014.9 64779905 rs1626923 T C . . RS=rs1626923;Source=dbsnp
NC_000014.9 64782320 rs229639 G A,C . . RS=rs229639;Source=dbsnp
NC_000014.9 64782334 rs17245552 C A,G . . RS=rs17245552;Source=dbsnp
NC_000014.9 64782348 rs17180350 C A,T . . RS=rs17180350;Source=dbsnp
NC_000014.9 64782413 rs148504156 G A,T . . RS=rs148504156;Source=dbsnp
NC_000014.9 64782435 rs10132778 T C . . RS=rs10132778;Source=dbsnp
NC_000014.9 64782565 rs78707026 A G . . RS=rs78707026;Source=dbsnp
NC_000014.9 64786514 rs77806 T C,G . . RS=rs77806;Source=dbsnp
NC_000014.9 64786950 rs147235045 G A . . RS=rs147235045;Source=dbsnp
NC_000014.9 64787028 rs141762497 G A . . RS=rs141762497;Source=dbsnp
NC_000014.9 64791742 rs368620488 C T . . RS=rs368620488;Source=dbsnp
NC_000014.9 64793101 rs12433436 G A,C . . RS=rs12433436;Source=dbsnp
NC_000014.9 64793509 rs229591 T G . . RS=rs229591;Source=dbsnp
NC_000014.9 64793603 rs3742602 C T . . RS=rs3742602;Source=dbsnp
NC_000014.9 64793751 rs863223304 CG C . . RS=rs863223304;Source=dbsnp
NC_000014.9 64793825 rs3742601 C A . . RS=rs3742601;Source=dbsnp
NC_000014.9 64796582 rs229587 C T . . RS=rs229587;Source=dbsnp
NC_000014.9 64796629 rs229586 C T . . RS=rs229586;Source=dbsnp
NC_000014.9 64800751 rs230703 T C . . RS=rs230703;Source=dbsnp
NC_000014.9 64801382 rs17102119 A G . . RS=rs17102119;Source=dbsnp
NC_000014.9 64801797 rs121918646 A G . . RS=rs121918646;Source=dbsnp
NC_000014.9 64803594 rs201559808 C A,G,T . . RS=rs201559808;Source=dbsnp
NC_000014.9 64803673 rs11623956 G A,T . . RS=rs11623956;Source=dbsnp
```

```
NC_000014.9 64803721 rs886038377 G A . . RS=rs886038377;Source=dbsnp
NC_000014.9 64804932 rs229581 A G,T . . RS=rs229581;Source=dbsnp
NC_000014.9 64805062 rs2277503 G A . . RS=rs2277503;Source=dbsnp
NC_000014.9 64815226 rs229673 A G . . RS=rs229673;Source=dbsnp
NC_000014.9 64817885 rs374947 G A,C . . RS=rs374947;Source=dbsnp
NC_000014.9 64823094 rs121918651 T C . . RS=rs121918651;Source=dbsnp
NC_000014.9 64851412 rs230721 C T . . RS=rs230721;Source=dbsnp
NC_000014.9 64891858 rs1957425 C T . . RS=rs1957425;Source=dbsnp
NC_000014.9 64896897 rs12881353 A G,T . . RS=rs12881353;Source=dbsnp
NC_000014.9 64905495 rs1951488 T C . . RS=rs1951488;Source=dbsnp
NC_000014.9 64909368 rs4902333 C T . . RS=rs4902333;Source=dbsnp
NC_000014.9 64912428 rs7143432 A C,G . . RS=rs7143432;Source=dbsnp
NC_000014.9 64919180 rs4902335 A G,T . . RS=rs4902335;Source=dbsnp
NC_000014.9 64920544 rs4902336 C A,T . . RS=rs4902336;Source=dbsnp
NC_000014.9 64933351 rs11158569 C T . . RS=rs11158569;Source=dbsnp
NC_000014.9 64933547 rs1064108 C T . . RS=rs1064108;Source=dbsnp
NC_000014.9 64937724 rs10133290 A C . . RS=rs10133290;Source=dbsnp
NC_000014.9 64938181 rs17880380 G A,C,T . . RS=rs17880380;Source=dbsnp
NC_000014.9 64939004 rs11623705 G T . . RS=rs11623705;Source=dbsnp
NC_000014.9 64939625 rs17880492 G A . . RS=rs17880492;Source=dbsnp
NC_000014.9 64939684 rs17881652 G A . . RS=rs17881652;Source=dbsnp
NC_000014.9 64940282 rs2071566 C A,T . . RS=rs2071566;Source=dbsnp
NC_000014.9 64940442 rs4902346 A G . . RS=rs4902346;Source=dbsnp
NC_000014.9 64940939 rs2412065 C G . . RS=rs2412065;Source=dbsnp
NC_000014.9 64941396 rs17883875 G C . . RS=rs17883875;Source=dbsnp
NC_000014.9 64941791 rs2737844 G A,C,T . . RS=rs2737844;Source=dbsnp
NC_000014.9 64942486 rs1800669 A T . . RS=rs1800669;Source=dbsnp
NC_000014.9 64943829 rs2296327 C A,G,T . . RS=rs2296327;Source=dbsnp
NC_000014.9 64944482 rs4902347 C T . . RS=rs4902347;Source=dbsnp
NC_000014.9 64945190 rs3742599 C A . . RS=rs3742599;Source=dbsnp
NC_000014.9 64945723 rs2277501 T A,C,G . . RS=rs2277501;Source=dbsnp
NC_000014.9 64946055 rs10121 G A . . RS=rs10121;Source=dbsnp
NC_000014.9 64986345 rs11623866 G C . . RS=rs11623866;Source=dbsnp
NC_000014.9 65008822 rs4466998 C A,G . . RS=rs4466998;Source=dbsnp
NC_000014.9 65075889 rs1957949 C T . . RS=rs1957949;Source=dbsnp
NC_000014.9 65075911 rs1957948 C T . . RS=rs1957948;Source=dbsnp
NC_000014.9 65076071 rs45440292 C T . . RS=rs45440292;Source=dbsnp
NC_000014.9 65076072 rs4902359 G A . . RS=rs4902359;Source=dbsnp
NC_000014.9 65077985 rs387906650 G A . . RS=rs387906650;Source=dbsnp
NC_000014.9 65093782 rs387906651 G A . . RS=rs387906651;Source=dbsnp
NC_000014.9 65095030 rs2763887 T A,C,G . . RS=rs2763887;Source=dbsnp
NC_000014.9 65102339 rs387906649 T C . . RS=rs387906649;Source=dbsnp
NC_000014.9 65103668 rs1953232 C A . . RS=rs1953232;Source=dbsnp
NC_000014.9 65178532 rs7158173 T A,C . . RS=rs7158173;Source=dbsnp
NC_000014.9 65263803 rs1256507 G A . . RS=rs1256507;Source=dbsnp
NC_000014.9 65268966 rs1256517 T C . . RS=rs1256517;Source=dbsnp
NC_000014.9 65281041 rs1256531 A G . . RS=rs1256531;Source=dbsnp
NC_000014.9 65291924 rs7159888 G A,C . . RS=rs7159888;Source=dbsnp
```

```
NC_000014.9 65308977 rs11847263 T A,C,G . . RS=rs11847263;Source=dbsnp
NC_000014.9 65326450 rs4899173 T A,C,G . . RS=rs4899173;Source=dbsnp
NC_000014.9 65330128 rs2127870 G C . . RS=rs2127870;Source=dbsnp
NC_000014.9 65355775 rs11621121 C T . . RS=rs11621121;Source=dbsnp
NC_000014.9 65398907 rs7147624 T G . . RS=rs7147624;Source=dbsnp
NC_000014.9 65448149 rs10483776 A G . . RS=rs10483776;Source=dbsnp
NC_000014.9 65471171 rs12894182 C A . . RS=rs12894182;Source=dbsnp
NC_000014.9 65561728 rs2229677 A C,G,T . . RS=rs2229677;Source=dbsnp
NC_000014.9 65579816 rs6573615 G A . . RS=rs6573615;Source=dbsnp
NC_000014.9 65590734 rs17753508 A G . . RS=rs17753508;Source=dbsnp
NC_000014.9 65629579 rs35137471 G A,T . . RS=rs35137471;Source=dbsnp
NC_000014.9 65677062 rs17102844 A G . . RS=rs17102844;Source=dbsnp
NC_000014.9 65704415 rs9323464 G A . . RS=rs9323464;Source=dbsnp
NC_000014.9 65796245 rs8007846 A G,T . . RS=rs8007846;Source=dbsnp
NC_000014.9 65810939 rs10149555 G A . . RS=rs10149555;Source=dbsnp
NC_000014.9 65872300 rs12895203 A G,T . . RS=rs12895203;Source=dbsnp
NC_000014.9 65924381 rs2318308 G A . . RS=rs2318308;Source=dbsnp
NC_000014.9 65951314 rs17103124 C T . . RS=rs17103124;Source=dbsnp
NC_000014.9 65984535 rs1147451 C G,T . . RS=rs1147451;Source=dbsnp
NC_000014.9 66025389 rs878815 G A,T . . RS=rs878815;Source=dbsnp
NC_000014.9 66313845 rs2053149 C A,G,T . . RS=rs2053149;Source=dbsnp
NC_000014.9 66413944 rs9332388 C T . . RS=rs9332388;Source=dbsnp
NC_000014.9 66508555 rs121908539 A T . . RS=rs121908539;Source=dbsnp
NC_000014.9 66599451 rs9323475 C G,T . . RS=rs9323475;Source=dbsnp
NC_000014.9 66636861 rs7149265 C T . . RS=rs7149265;Source=dbsnp
NC_000014.9 66641352 rs1952070 A G . . RS=rs1952070;Source=dbsnp
NC_000014.9 66653174 rs6573695 T C . . RS=rs6573695;Source=dbsnp
NC_000014.9 66679962 rs8015408 C G,T . . RS=rs8015408;Source=dbsnp
NC_000014.9 66680045 rs17182817 A G . . RS=rs17182817;Source=dbsnp
NC_000014.9 66681098 rs3759753 T C . . RS=rs3759753;Source=dbsnp
NC_000014.9 66681169 rs117256383 G A,T . . RS=rs117256383;Source=dbsnp
NC_000014.9 66682221 rs9783601 T A,C . . RS=rs9783601;Source=dbsnp
NC_000014.9 66684046 rs6573706 T A . . RS=rs6573706;Source=dbsnp
NC_000014.9 66694623 rs7157740 A G . . RS=rs7157740;Source=dbsnp
NC_000014.9 66697365 rs7154017 A C,T . . RS=rs7154017;Source=dbsnp
NC_000014.9 66698042 rs1885198 C A,T . . RS=rs1885198;Source=dbsnp
NC_000014.9 66726305 rs17836572 A G,T . . RS=rs17836572;Source=dbsnp
NC_000014.9 66741930 rs6573719 T A,C . . RS=rs6573719;Source=dbsnp
NC_000014.9 66756365 rs17247749 A G,T . . RS=rs17247749;Source=dbsnp
NC_000014.9 66824468 rs3784075 T C . . RS=rs3784075;Source=dbsnp
NC_000014.9 66912298 rs723432 A C . . RS=rs723432;Source=dbsnp
NC_000014.9 66919011 rs2038398 T G . . RS=rs2038398;Source=dbsnp
NC_000014.9 66987141 rs8020095 G A . . RS=rs8020095;Source=dbsnp
NC_000014.9 67143444 rs1060499577 G A . . RS=rs1060499577;Source=dbsnp
NC_000014.9 67159416 rs397518420 A C . . RS=rs397518420;Source=dbsnp
NC_000014.9 67215919 rs10431718 C A . . RS=rs10431718;Source=dbsnp
NC_000014.9 67234451 rs1290900 C A . . RS=rs1290900;Source=dbsnp
NC_000014.9 67322840 rs10138824 G A . . RS=rs10138824;Source=dbsnp
```

```
NC_000014.9 67329467 rs28524846 A C . . RS=rs28524846;Source=dbsnp
NC_000014.9 67362430 rs3759756 A G . . RS=rs3759756;Source=dbsnp
NC_000014.9 67380501 rs8008724 T A,G . . RS=rs8008724;Source=dbsnp
NC_000014.9 67406411 rs9323497 C T . . RS=rs9323497;Source=dbsnp
NC_000014.9 67416907 rs17248895 A C . . RS=rs17248895;Source=dbsnp
NC_000014.9 67472766 rs17104363 T C . . RS=rs17104363;Source=dbsnp
NC_000014.9 67509105 rs1077989 A C . . RS=rs1077989;Source=dbsnp
NC_000014.9 67512996 rs7156144 G A . . RS=rs7156144;Source=dbsnp
NC_000014.9 67515153 rs2273596 T A,C . . RS=rs2273596;Source=dbsnp
NC_000014.9 67516774 rs7160654 C T . . RS=rs7160654;Source=dbsnp
NC_000014.9 67517653 rs1555399 T A . . RS=rs1555399;Source=dbsnp
NC_000014.9 67569162 rs3825725 A G . . RS=rs3825725;Source=dbsnp
NC_000014.9 67588896 rs4902496 C G,T . . RS=rs4902496;Source=dbsnp
NC_000014.9 67592638 rs193920948 G C . . RS=rs193920948;Source=dbsnp
NC_000014.9 67599842 rs2295644 A C,T . . RS=rs2295644;Source=dbsnp
NC_000014.9 67600254 rs12587848 G A,C,T . . RS=rs12587848;Source=dbsnp
NC_000014.9 67604853 rs12885261 C T . . RS=rs12885261;Source=dbsnp
NC_000014.9 67607715 rs7144243 A G . . RS=rs7144243;Source=dbsnp
NC_000014.9 67611110 rs3759757 G C . . RS=rs3759757;Source=dbsnp
NC_000014.9 67620690 rs1885042 T A,C . . RS=rs1885042;Source=dbsnp
NC_000014.9 67626868 rs4902501 T A,C . . RS=rs4902501;Source=dbsnp
NC_000014.9 67627548 rs12587111 G C . . RS=rs12587111;Source=dbsnp
NC_000014.9 67628919 rs7156352 T C . . RS=rs7156352;Source=dbsnp
NC_000014.9 67632756 rs4902503 A G . . RS=rs4902503;Source=dbsnp
NC_000014.9 67634170 rs17249437 T C . . RS=rs17249437;Source=dbsnp
NC_000014.9 67644020 rs7140310 T G . . RS=rs7140310;Source=dbsnp
NC_000014.9 67646576 rs742869 G A . . RS=rs742869;Source=dbsnp
NC_000014.9 67648284 rs3742879 A C,G . . RS=rs3742879;Source=dbsnp
NC_000014.9 67650289 rs10483801 C A . . RS=rs10483801;Source=dbsnp
NC_000014.9 67650704 rs10483802 T C . . RS=rs10483802;Source=dbsnp
NC_000014.9 67651415 rs15493 C G,T . . RS=rs15493;Source=dbsnp
NC_000014.9 67692465 rs606231424 G A . . RS=rs606231424;Source=dbsnp
NC_000014.9 67692588 rs606231423 G A . . RS=rs606231423;Source=dbsnp
NC_000014.9 67704623 rs12147616 T C . . RS=rs12147616;Source=dbsnp
NC_000014.9 67705011 rs12882315 C A . . RS=rs12882315;Source=dbsnp
NC_000014.9 67722699 rs794729650 TCCATCCATC TCCATC . . RS=rs794729650;Source=dbsnp
NC_000014.9 67724550 rs28940314 C A,T . . RS=rs28940314;Source=dbsnp
NC_000014.9 67724556 rs104894473 T A,C . . RS=rs104894473;Source=dbsnp
NC_000014.9 67724588 rs104894471 C T . . RS=rs104894471;Source=dbsnp
NC_000014.9 67725206 rs28940315 C A . . RS=rs28940315;Source=dbsnp
NC_000014.9 67726084 rs202126574 C T . . RS=rs202126574;Source=dbsnp
NC_000014.9 67726086 rs104894474 G T . . RS=rs104894474;Source=dbsnp
NC_000014.9 67726983 rs104894475 C A,G . . RS=rs104894475;Source=dbsnp
NC_000014.9 67726996 rs121434337 C T . . RS=rs121434337;Source=dbsnp
NC_000014.9 67727055 rs104894472 T C . . RS=rs104894472;Source=dbsnp
NC_000014.9 67727097 rs104894470 C T . . RS=rs104894470;Source=dbsnp
NC_000014.9 67727191 rs387906272 G A . . RS=rs387906272;Source=dbsnp
NC_000014.9 67727374 rs58392863 GGGG GGG . . RS=rs58392863;Source=dbsnp
```

```
NC_000014.9 67729209 rs28940313 A G . . RS=rs28940313;Source=dbsnp
NC_000014.9 67729220 rs104894476 C G . . RS=rs104894476;Source=dbsnp
NC_000014.9 67729233 rs750636662 G A . . RS=rs750636662;Source=dbsnp
NC_000014.9 67729337 rs386834261 GCCCTG G . . RS=rs386834261;Source=dbsnp
NC_000014.9 67733766 rs61740289 T G . . RS=rs61740289;Source=dbsnp
NC_000014.9 67752520 rs869312914 G A . . RS=rs869312914;Source=dbsnp
NC_000014.9 67767822 rs3742883 T A,C,G . . RS=rs3742883;Source=dbsnp
NC_000014.9 67772109 rs387907057 G A . . RS=rs387907057;Source=dbsnp
NC_000014.9 67782840 rs118204049 G A . . RS=rs118204049;Source=dbsnp
NC_000014.9 67782955 rs35018134 G A,T . . RS=rs35018134;Source=dbsnp
NC_000014.9 67782971 rs370828455 C T . . RS=rs370828455;Source=dbsnp
NC_000014.9 67783217 rs752283089 G T . . RS=rs752283089;Source=dbsnp
NC_000014.9 67783430 rs140756827 C T . . RS=rs140756827;Source=dbsnp
NC_000014.9 67785217 rs3742884 G A . . RS=rs3742884;Source=dbsnp
NC_000014.9 67789467 rs116890187 C G . . RS=rs116890187;Source=dbsnp
NC_000014.9 67790366 rs10131048 T A,C,G . . RS=rs10131048;Source=dbsnp
NC_000014.9 67802241 rs118204050 G A . . RS=rs118204050;Source=dbsnp
NC_000014.9 67807598 rs199969454 G T . . RS=rs199969454;Source=dbsnp
NC_000014.9 67823568 rs34583846 G A . . RS=rs34583846;Source=dbsnp
NC_000014.9 67823627 rs764896402 G A . . RS=rs764896402;Source=dbsnp
NC_000014.9 67823655 rs17783124 T G . . RS=rs17783124;Source=dbsnp
NC_000014.9 67823709 rs28604984 T C . . RS=rs28604984;Source=dbsnp
NC_000014.9 67823747 rs28623567 G A . . RS=rs28623567;Source=dbsnp
NC_000014.9 67825518 rs200355697 C T . . RS=rs200355697;Source=dbsnp
NC_000014.9 67832095 rs11626809 G A,T . . RS=rs11626809;Source=dbsnp
NC_000014.9 67835051 rs34564590 AAAAAAAA AAAAAAA,AAAAAAAAA,AAAAAAAAAA
. . RS=rs34564590;Source=dbsnp
NC_000014.9 67835059 rs35183950 C T . . RS=rs35183950;Source=dbsnp
NC_000014.9 67864720 rs961700 G A . . RS=rs961700;Source=dbsnp
NC_000014.9 67865142 rs753393344 A G . . RS=rs753393344;Source=dbsnp
NC_000014.9 67876646 rs1950764 G A . . RS=rs1950764;Source=dbsnp
NC_000014.9 67885931 rs34094401 T G . . RS=rs34094401;Source=dbsnp
NC_000014.9 67885955 rs28910275 A G . . RS=rs28910275;Source=dbsnp
NC_000014.9 67887067 rs28908168 G A,T . . RS=rs28908168;Source=dbsnp
NC_000014.9 67887176 rs34594234 A G . . RS=rs34594234;Source=dbsnp
NC_000014.9 67887196 rs33929366 T G . . RS=rs33929366;Source=dbsnp
NC_000014.9 67895514 rs1015023 T C . . RS=rs1015023;Source=dbsnp
NC_000014.9 68054189 rs8022206 G A . . RS=rs8022206;Source=dbsnp
NC_000014.9 68193711 rs2588809 T A,C,G . . RS=rs2588809;Source=dbsnp
NC_000014.9 68210775 rs1298340 G A,C . . RS=rs1298340;Source=dbsnp
NC_000014.9 68221985 rs1631742 C T . . RS=rs1631742;Source=dbsnp
NC_000014.9 68225933 rs1751382 C T . . RS=rs1751382;Source=dbsnp
NC_000014.9 68232877 rs1314913 C T . . RS=rs1314913;Source=dbsnp
NC_000014.9 68258073 rs11628885 A G . . RS=rs11628885;Source=dbsnp
NC_000014.9 68259109 rs17105269 T A . . RS=rs17105269;Source=dbsnp
NC_000014.9 68261762 rs17105278 T C . . RS=rs17105278;Source=dbsnp
NC_000014.9 68264492 rs4899234 G A,C . . RS=rs4899234;Source=dbsnp
NC_000014.9 68264741 rs4902562 A G,T . . RS=rs4902562;Source=dbsnp
```

```
NC_000014.9 68269754 rs1957572 C T . . RS=rs1957572;Source=dbsnp
NC_000014.9 68272207 rs6573824 C G . . RS=rs6573824;Source=dbsnp
NC_000014.9 68281151 rs7148416 A G,T . . RS=rs7148416;Source=dbsnp
NC_000014.9 68283210 rs3784099 G A . . RS=rs3784099;Source=dbsnp
NC_000014.9 68286876 rs911263 C A,T . . RS=rs911263;Source=dbsnp
NC_000014.9 68291858 rs10129646 T C . . RS=rs10129646;Source=dbsnp
NC_000014.9 68292876 rs12432392 T C . . RS=rs12432392;Source=dbsnp
NC_000014.9 68295488 rs11158728 G A,C,T . . RS=rs11158728;Source=dbsnp
NC_000014.9 68301255 rs927220 G C,T . . RS=rs927220;Source=dbsnp
NC_000014.9 68302482 rs61985136 C G,T . . RS=rs61985136;Source=dbsnp
NC_000014.9 68306863 rs911256 G C . . RS=rs911256;Source=dbsnp
NC_000014.9 68310488 rs7148412 T C,G . . RS=rs7148412;Source=dbsnp
NC_000014.9 68318360 rs8017304 G A . . RS=rs8017304;Source=dbsnp
NC_000014.9 68320080 rs12878858 G A,C,T . . RS=rs12878858;Source=dbsnp
NC_000014.9 68320276 rs11626138 A G,T . . RS=rs11626138;Source=dbsnp
NC_000014.9 68322207 rs1956529 C T . . RS=rs1956529;Source=dbsnp
NC_000014.9 68326837 rs4902566 T C . . RS=rs4902566;Source=dbsnp
NC_000014.9 68333883 rs4902567 T A,C,G . . RS=rs4902567;Source=dbsnp
NC_000014.9 68341681 rs6573834 T A,C,G . . RS=rs6573834;Source=dbsnp
NC_000014.9 68346398 rs1570106 T A,C . . RS=rs1570106;Source=dbsnp
NC_000014.9 68350696 rs8009876 T A,C,G . . RS=rs8009876;Source=dbsnp
NC_000014.9 68352517 rs4902571 T A,C,G . . RS=rs4902571;Source=dbsnp
NC_000014.9 68411321 rs10146321 A C,G . . RS=rs10146321;Source=dbsnp
NC_000014.9 68411652 rs10146772 C A,T . . RS=rs10146772;Source=dbsnp
NC_000014.9 68438971 rs4902587 A C,G,T . . RS=rs4902587;Source=dbsnp
NC_000014.9 68440049 rs2331703 C T . . RS=rs2331703;Source=dbsnp
NC_000014.9 68440116 rs2331704 G A,C,T . . RS=rs2331704;Source=dbsnp
NC_000014.9 68441741 rs4902588 C G,T . . RS=rs4902588;Source=dbsnp
NC_000014.9 68446468 rs2753403 A C,G,T . . RS=rs2753403;Source=dbsnp
NC_000014.9 68468143 rs34436700 A C,G,T . . RS=rs34436700;Source=dbsnp
NC_000014.9 68471647 rs2525507 A G . . RS=rs2525507;Source=dbsnp
NC_000014.9 68477356 rs2842320 A G . . RS=rs2842320;Source=dbsnp
NC_000014.9 68477747 rs36103282 G A . . RS=rs36103282;Source=dbsnp
NC_000014.9 68477787 rs35948063 G A,T . . RS=rs35948063;Source=dbsnp
NC_000014.9 68477906 rs11622203 G A,C . . RS=rs11622203;Source=dbsnp
NC_000014.9 68482310 rs76904544 C A . . RS=rs76904544;Source=dbsnp
NC_000014.9 68494848 rs2331706 T C,G . . RS=rs2331706;Source=dbsnp
NC_000014.9 68495787 rs3784131 T A,G . . RS=rs3784131;Source=dbsnp
NC_000014.9 68497029 rs765899 C T . . RS=rs765899;Source=dbsnp
NC_000014.9 68497196 rs45568038 C T . . RS=rs45568038;Source=dbsnp
NC_000014.9 68497835 rs61658966 T A . . RS=rs61658966;Source=dbsnp
NC_000014.9 68497875 rs58791377 G T . . RS=rs58791377;Source=dbsnp
NC_000014.9 68508657 rs2842346 C T . . RS=rs2842346;Source=dbsnp
NC_000014.9 68526257 rs10483810 G T . . RS=rs10483810;Source=dbsnp
NC_000014.9 68526861 rs916962 G A . . RS=rs916962;Source=dbsnp
NC_000014.9 68536271 rs2189517 A C,G,T . . RS=rs2189517;Source=dbsnp
NC_000014.9 68540199 rs55670604 G A . . RS=rs55670604;Source=dbsnp
NC_000014.9 68544488 rs17828907 A T . . RS=rs17828907;Source=dbsnp
```

```
NC_000014.9 68559662 rs11844632 G A . . RS=rs11844632;Source=dbsnp
NC_000014.9 68562024 rs17105837 G A . . RS=rs17105837;Source=dbsnp
NC_000014.9 68562256 rs2525504 G A,C . . RS=rs2525504;Source=dbsnp
NC_000014.9 68563935 rs17105852 C A . . RS=rs17105852;Source=dbsnp
NC_000014.9 68564567 rs10483813 T A,C . . RS=rs10483813;Source=dbsnp
NC_000014.9 68565143 rs1468280 G A . . RS=rs1468280;Source=dbsnp
NC_000014.9 68565151 rs12588940 T A,C,G . . RS=rs12588940;Source=dbsnp
NC_000014.9 68565655 rs2842324 A G . . RS=rs2842324;Source=dbsnp
NC_000014.9 68566272 rs8016149 T G . . RS=rs8016149;Source=dbsnp
NC_000014.9 68566513 rs7153476 G A,T . . RS=rs7153476;Source=dbsnp
NC_000014.9 68567965 rs999737 C T . . RS=rs999737;Source=dbsnp
NC_000014.9 68568708 rs8007194 G A . . RS=rs8007194;Source=dbsnp
NC_000014.9 68569410 rs17756147 G A . . RS=rs17756147;Source=dbsnp
NC_000014.9 68570603 rs11628293 A G . . RS=rs11628293;Source=dbsnp
NC_000014.9 68570724 rs12100794 T G . . RS=rs12100794;Source=dbsnp
NC_000014.9 68570804 rs6573841 C T . . RS=rs6573841;Source=dbsnp
NC_000014.9 68572871 rs8009944 C A,T . . RS=rs8009944;Source=dbsnp
NC_000014.9 68573361 rs10130694 T C,G . . RS=rs10130694;Source=dbsnp
NC_000014.9 68579159 rs1290999 A G,T . . RS=rs1290999;Source=dbsnp
NC_000014.9 68588811 rs2256608 T A,C,G . . RS=rs2256608;Source=dbsnp
NC_000014.9 68589082 rs10483814 G A . . RS=rs10483814;Source=dbsnp
NC_000014.9 68593485 rs4899246 A G,T . . RS=rs4899246;Source=dbsnp
NC_000014.9 68594511 rs61758785 G A . . RS=rs61758785;Source=dbsnp
NC_000014.9 68594542 rs28908468 C G . . RS=rs28908468;Source=dbsnp
NC_000014.9 68594932 rs59490067 C T . . RS=rs59490067;Source=dbsnp
NC_000014.9 68595225 rs45538231 T C . . RS=rs45538231;Source=dbsnp
NC_000014.9 68595397 rs963918 C A,G,T . . RS=rs963918;Source=dbsnp
NC_000014.9 68595606 rs963917 G A,C . . RS=rs963917;Source=dbsnp
NC_000014.9 68595619 rs61985825 A C,G . . RS=rs61985825;Source=dbsnp
NC_000014.9 68596804 rs10136316 C T . . RS=rs10136316;Source=dbsnp
NC_000014.9 68599594 rs2064827 C A,G,T . . RS=rs2064827;Source=dbsnp
NC_000014.9 68600026 rs4531674 G A . . RS=rs4531674;Source=dbsnp
NC_000014.9 68600921 rs2145157 A G . . RS=rs2145157;Source=dbsnp
NC_000014.9 68601208 rs17756404 A G,T . . RS=rs17756404;Source=dbsnp
NC_000014.9 68601648 rs12878761 G A,C . . RS=rs12878761;Source=dbsnp
NC_000014.9 68601667 rs12878344 A G,T . . RS=rs12878344;Source=dbsnp
NC_000014.9 68602877 rs17105965 T C . . RS=rs17105965;Source=dbsnp
NC_000014.9 68604431 rs2236184 T A,C . . RS=rs2236184;Source=dbsnp
NC_000014.9 68604882 rs17829444 G A . . RS=rs17829444;Source=dbsnp
NC_000014.9 68615200 rs2331779 G T . . RS=rs2331779;Source=dbsnp
NC_000014.9 68618996 rs2331780 G A . . RS=rs2331780;Source=dbsnp
NC_000014.9 68621468 rs12432197 T C . . RS=rs12432197;Source=dbsnp
NC_000014.9 68630655 rs10438159 C T . . RS=rs10438159;Source=dbsnp
NC_000014.9 68637955 rs12893578 A G,T . . RS=rs12893578;Source=dbsnp
NC_000014.9 68644209 rs4902623 G A,C,T . . RS=rs4902623;Source=dbsnp
NC_000014.9 68650670 rs8021657 A G,T . . RS=rs8021657;Source=dbsnp
NC_000014.9 68650795 rs8023214 T A,C . . RS=rs8023214;Source=dbsnp
NC_000014.9 68653426 rs10483818 G A,T . . RS=rs10483818;Source=dbsnp
```

```
NC_000014.9 68653768 rs2180611 C T . . RS=rs2180611;Source=dbsnp
NC_000014.9 68660027 rs7141529 T C . . RS=rs7141529;Source=dbsnp
NC_000014.9 68694457 rs17106154 T A,C . . RS=rs17106154;Source=dbsnp
NC_000014.9 68713112 rs382179 T C . . RS=rs382179;Source=dbsnp
NC_000014.9 68722359 rs2043672 C G,T . . RS=rs2043672;Source=dbsnp
NC_000014.9 68722471 rs2025053 G A . . RS=rs2025053;Source=dbsnp
NC_000014.9 68724947 rs8013316 A C . . RS=rs8013316;Source=dbsnp
NC_000014.9 68726854 rs55761709 C T . . RS=rs55761709;Source=dbsnp
NC_000014.9 68727890 rs10483821 C G . . RS=rs10483821;Source=dbsnp
NC_000014.9 68728314 rs8015998 T C . . RS=rs8015998;Source=dbsnp
NC_000014.9 68743482 rs4902642 G A . . RS=rs4902642;Source=dbsnp
NC_000014.9 68758968 rs451066 G A . . RS=rs451066;Source=dbsnp
NC_000014.9 68787474 rs4902647 C A,T . . RS=rs4902647;Source=dbsnp
NC_000014.9 68792785 rs11851414 T C . . RS=rs11851414;Source=dbsnp
NC_000014.9 68796882 rs1465788 T C . . RS=rs1465788;Source=dbsnp
NC_000014.9 68807188 rs194749 T C . . RS=rs194749;Source=dbsnp
NC_000014.9 68811487 rs4899260 C T . . RS=rs4899260;Source=dbsnp
NC_000014.9 68821715 rs194741 A G . . RS=rs194741;Source=dbsnp
NC_000014.9 68828731 rs194714 T C,G . . RS=rs194714;Source=dbsnp
NC_000014.9 68847342 rs434943 G A . . RS=rs434943;Source=dbsnp
NC_000014.9 68858717 rs1274944 G A,T . . RS=rs1274944;Source=dbsnp
NC_000014.9 68863122 rs440317 T C . . RS=rs440317;Source=dbsnp
NC_000014.9 68863184 rs1742500 A G . . RS=rs1742500;Source=dbsnp
NC_000014.9 68863518 rs453964 T A,C,G . . RS=rs453964;Source=dbsnp
NC_000014.9 68864348 rs370535 A G . . RS=rs370535;Source=dbsnp
NC_000014.9 68864460 rs445863 T A,C . . RS=rs445863;Source=dbsnp
NC_000014.9 68865585 rs61987505 G A,C,T . . RS=rs61987505;Source=dbsnp
NC_000014.9 68866421 rs1742890 C A,G . . RS=rs1742890;Source=dbsnp
NC_000014.9 68867839 rs17106421 C G . . RS=rs17106421;Source=dbsnp
NC_000014.9 68868125 rs1742886 G A,C,T . . RS=rs1742886;Source=dbsnp
NC_000014.9 68868145 rs1742498 G A,T . . RS=rs1742498;Source=dbsnp
NC_000014.9 68868706 rs10139065 G A,T . . RS=rs10139065;Source=dbsnp
NC_000014.9 68868721 rs10139069 G A . . RS=rs10139069;Source=dbsnp
NC_000014.9 68868725 rs10151103 T C . . RS=rs10151103;Source=dbsnp
NC_000014.9 68868847 rs7401911 T A,C . . RS=rs7401911;Source=dbsnp
NC_000014.9 68869414 rs4902660 T C . . RS=rs4902660;Source=dbsnp
NC_000014.9 68870428 rs6573861 G A,T . . RS=rs6573861;Source=dbsnp
NC_000014.9 68870464 rs4902661 C T . . RS=rs4902661;Source=dbsnp
NC_000014.9 68870516 rs4902662 G C,T . . RS=rs4902662;Source=dbsnp
NC_000014.9 68871059 rs7149938 G A . . RS=rs7149938;Source=dbsnp
NC_000014.9 68871507 rs1475035 C T . . RS=rs1475035;Source=dbsnp
NC_000014.9 68871717 rs4312253 C G,T . . RS=rs4312253;Source=dbsnp
NC_000014.9 68873882 rs181456 C T . . RS=rs181456;Source=dbsnp
NC_000014.9 68874043 rs1475034 G T . . RS=rs1475034;Source=dbsnp
NC_000014.9 68874526 rs11557771 C A . . RS=rs11557771;Source=dbsnp
NC_000014.9 68879987 rs387907347 C T . . RS=rs387907347;Source=dbsnp
NC_000014.9 68880030 rs387907349 G A . . RS=rs387907349;Source=dbsnp
NC_000014.9 68884044 rs2273419 G T . . RS=rs2273419;Source=dbsnp
```

```
NC_000014.9 68904658 rs387907350 C T . . RS=rs387907350;Source=dbsnp
NC_000014.9 68909762 rs743127 A C,G,T . . RS=rs743127;Source=dbsnp
NC_000014.9 68919038 rs723113 C T . . RS=rs723113;Source=dbsnp
NC_000014.9 68921033 rs387907345 C T . . RS=rs387907345;Source=dbsnp
NC_000014.9 68925547 rs4899272 T A,C,G . . RS=rs4899272;Source=dbsnp
NC_000014.9 68925641 rs387907348 C T . . RS=rs387907348;Source=dbsnp
NC_000014.9 68938736 rs1009145 T A,C . . RS=rs1009145;Source=dbsnp
NC_000014.9 68941980 rs2268983 G A,C,T . . RS=rs2268983;Source=dbsnp
NC_000014.9 68957305 rs2268973 C T . . RS=rs2268973;Source=dbsnp
NC_000014.9 68978963 rs387907346 G T . . RS=rs387907346;Source=dbsnp
NC_000014.9 69014626 rs242093 G A . . RS=rs242093;Source=dbsnp
NC_000014.9 69034335 rs761899 G A,C,T . . RS=rs761899;Source=dbsnp
NC_000014.9 69236871 rs4902704 G A,C . . RS=rs4902704;Source=dbsnp
NC_000014.9 69255063 rs11620883 C T . . RS=rs11620883;Source=dbsnp
NC_000014.9 69280517 rs2105269 A G . . RS=rs2105269;Source=dbsnp
NC_000014.9 69307268 rs72625676 C T . . RS=rs72625676;Source=dbsnp
NC_000014.9 69323763 rs8017816 T C . . RS=rs8017816;Source=dbsnp
NC_000014.9 69335147 rs1275678 C A . . RS=rs1275678;Source=dbsnp
NC_000014.9 69372232 rs1298075 G C . . RS=rs1298075;Source=dbsnp
NC_000014.9 69373392 rs10083335 C T . . RS=rs10083335;Source=dbsnp
NC_000014.9 69427475 rs8016781 A C,T . . RS=rs8016781;Source=dbsnp
NC_000014.9 69471805 rs1466255 T A,C . . RS=rs1466255;Source=dbsnp
NC_000014.9 69487659 rs12050204 G A,T . . RS=rs12050204;Source=dbsnp
NC_000014.9 69602955 rs2332094 A G,T . . RS=rs2332094;Source=dbsnp
NC_000014.9 69733746 rs8007929 G A . . RS=rs8007929;Source=dbsnp
NC_000014.9 69759770 rs7153985 T C . . RS=rs7153985;Source=dbsnp
NC_000014.9 69769024 rs3104 G A . . RS=rs3104;Source=dbsnp
NC_000014.9 69772247 rs6573908 A C,T . . RS=rs6573908;Source=dbsnp
NC_000014.9 69773209 rs8019166 C T . . RS=rs8019166;Source=dbsnp
NC_000014.9 69776788 rs4646296 C G . . RS=rs4646296;Source=dbsnp
NC_000014.9 69778336 rs72547506 T C . . RS=rs72547506;Source=dbsnp
NC_000014.9 69778440 rs72547507 A G . . RS=rs72547507;Source=dbsnp
NC_000014.9 69778476 rs2296651 G A . . RS=rs2296651;Source=dbsnp
NC_000014.9 69779260 rs61745930 A G . . RS=rs61745930;Source=dbsnp
NC_000014.9 69780001 rs28437822 A G . . RS=rs28437822;Source=dbsnp
NC_000014.9 69781641 rs17556915 G A . . RS=rs17556915;Source=dbsnp
NC_000014.9 69783783 rs11624523 A G . . RS=rs11624523;Source=dbsnp
NC_000014.9 69792346 rs8011311 G C . . RS=rs8011311;Source=dbsnp
NC_000014.9 69794608 rs943277 G A . . RS=rs943277;Source=dbsnp
NC_000014.9 69795702 rs36115704 C G,T . . RS=rs36115704;Source=dbsnp
NC_000014.9 69796098 rs4646287 C T . . RS=rs4646287;Source=dbsnp
NC_000014.9 69796931 rs4646285 C T . . RS=rs4646285;Source=dbsnp
NC_000014.9 69799111 rs7154439 G A . . RS=rs7154439;Source=dbsnp
NC_000014.9 69851570 rs729458 A G . . RS=rs729458;Source=dbsnp
NC_000014.9 69860617 rs7156508 C T . . RS=rs7156508;Source=dbsnp
NC_000014.9 69862236 rs4902759 C T . . RS=rs4902759;Source=dbsnp
NC_000014.9 69877067 rs10162517 T C . . RS=rs10162517;Source=dbsnp
NC_000014.9 69924799 rs172899 G C . . RS=rs172899;Source=dbsnp
```

```
NC_000014.9 69952164 rs3742909 G A,C . . RS=rs3742909;Source=dbsnp
NC_000014.9 69985897 rs227438 C T . . RS=rs227438;Source=dbsnp
NC_000014.9 69988750 rs11844519 G A . . RS=rs11844519;Source=dbsnp
NC_000014.9 69988806 rs227427 G A,T . . RS=rs227427;Source=dbsnp
NC_000014.9 69989982 rs227425 T A,C,G . . RS=rs227425;Source=dbsnp
NC_000014.9 69990927 rs227423 A G,T . . RS=rs227423;Source=dbsnp
NC_000014.9 69990936 rs227422 A C . . RS=rs227422;Source=dbsnp
NC_000014.9 69991318 rs227421 C T . . RS=rs227421;Source=dbsnp
NC_000014.9 69994481 rs863223317 G A . . RS=rs863223317;Source=dbsnp
NC_000014.9 70010791 rs3825739 C G,T . . RS=rs3825739;Source=dbsnp
NC_000014.9 70010807 rs376672665 C A,T . . RS=rs376672665;Source=dbsnp
NC_000014.9 70010921 rs776638586 C T . . RS=rs776638586;Source=dbsnp
NC_000014.9 70011466 rs57609901 C A . . RS=rs57609901;Source=dbsnp
NC_000014.9 70013498 rs1885482 T A,C . . RS=rs1885482;Source=dbsnp
NC_000014.9 70020679 rs11626232 C T . . RS=rs11626232;Source=dbsnp
NC_000014.9 70023317 rs11846426 C T . . RS=rs11846426;Source=dbsnp
NC_000014.9 70028654 rs17107637 A C,G,T . . RS=rs17107637;Source=dbsnp
NC_000014.9 70035333 rs17175227 G A,C . . RS=rs17175227;Source=dbsnp
NC_000014.9 70038846 rs1156446 G A . . RS=rs1156446;Source=dbsnp
NC_000014.9 70044169 rs1459706 G C . . RS=rs1459706;Source=dbsnp
NC_000014.9 70044689 rs3809401 C A,T . . RS=rs3809401;Source=dbsnp
NC_000014.9 70045442 rs8020841 T C . . RS=rs8020841;Source=dbsnp
NC_000014.9 70050466 rs12883884 T A,C,G . . RS=rs12883884;Source=dbsnp
NC_000014.9 70111982 rs1035717 A G . . RS=rs1035717;Source=dbsnp
NC_000014.9 70148905 rs17765376 C T . . RS=rs17765376;Source=dbsnp
NC_000014.9 70160549 rs999618 T C . . RS=rs999618;Source=dbsnp
NC_000014.9 70166733 rs76086886 C T . . RS=rs76086886;Source=dbsnp
NC_000014.9 70189034 rs8022091 A C,G . . RS=rs8022091;Source=dbsnp
NC_000014.9 70191327 rs8018340 G C,T . . RS=rs8018340;Source=dbsnp
NC_000014.9 70204466 rs4899337 C A . . RS=rs4899337;Source=dbsnp
NC_000014.9 70367102 rs1044527 C A,G,T . . RS=rs1044527;Source=dbsnp
NC_000014.9 70414772 rs10143078 A C . . RS=rs10143078;Source=dbsnp
NC_000014.9 70453021 rs1892284 A G,T . . RS=rs1892284;Source=dbsnp
NC_000014.9 70469158 rs2293877 A G,T . . RS=rs2293877;Source=dbsnp
NC_000014.9 70496302 rs2332389 C A,T . . RS=rs2332389;Source=dbsnp
NC_000014.9 70534383 rs12590471 G A . . RS=rs12590471;Source=dbsnp
NC_000014.9 70594120 rs10483832 A C,G,T . . RS=rs10483832;Source=dbsnp
NC_000014.9 70625539 rs8014671 G A . . RS=rs8014671;Source=dbsnp
NC_000014.9 70666042 rs1205233 G A,C . . RS=rs1205233;Source=dbsnp
NC_000014.9 70707727 rs886599 C T . . RS=rs886599;Source=dbsnp
NC_000014.9 70727436 rs11625206 C T . . RS=rs11625206;Source=dbsnp
NC_000014.9 70731834 rs11844774 C G,T . . RS=rs11844774;Source=dbsnp
NC_000014.9 70739010 rs11628333 T C . . RS=rs11628333;Source=dbsnp
NC_000014.9 70745441 rs10483834 A G . . RS=rs10483834;Source=dbsnp
NC_000014.9 70746369 rs8011507 G A,C . . RS=rs8011507;Source=dbsnp
NC_000014.9 70750296 rs11622989 C A,G,T . . RS=rs11622989;Source=dbsnp
NC_000014.9 70767678 rs17176971 G A . . RS=rs17176971;Source=dbsnp
NC_000014.9 70779669 rs12883244 C T . . RS=rs12883244;Source=dbsnp
```

```
NC_000014.9 70781512 rs11158881 T C . . RS=rs11158881;Source=dbsnp
NC_000014.9 70783085 rs17108533 C A,G,T . . RS=rs17108533;Source=dbsnp
NC_000014.9 70787981 rs1034769 C A,G . . RS=rs1034769;Source=dbsnp
NC_000014.9 70788237 rs4902855 C T . . RS=rs4902855;Source=dbsnp
NC_000014.9 70793374 rs10143031 C T . . RS=rs10143031;Source=dbsnp
NC_000014.9 70793590 rs17108548 T A,C . . RS=rs17108548;Source=dbsnp
NC_000014.9 70796215 rs17766621 T C . . RS=rs17766621;Source=dbsnp
NC_000014.9 70800062 rs8022269 A G . . RS=rs8022269;Source=dbsnp
NC_000014.9 70800205 rs11624934 A G,T . . RS=rs11624934;Source=dbsnp
NC_000014.9 70804632 rs731571 T C . . RS=rs731571;Source=dbsnp
NC_000014.9 70892868 rs714421 T C . . RS=rs714421;Source=dbsnp
NC_000014.9 70928887 rs2810114 C A . . RS=rs2810114;Source=dbsnp
NC_000014.9 70974807 rs17108804 C A,G,T . . RS=rs17108804;Source=dbsnp
NC_000014.9 71019061 rs193920949 G A,T . . RS=rs193920949;Source=dbsnp
NC_000014.9 71114061 rs221924 G A . . RS=rs221924;Source=dbsnp
NC_000014.9 71172644 rs1017024 C T . . RS=rs1017024;Source=dbsnp
NC_000014.9 71173972 rs7146371 T C . . RS=rs7146371;Source=dbsnp
NC_000014.9 71181355 rs917063 T C . . RS=rs917063;Source=dbsnp
NC_000014.9 71590638 rs11848785 G A . . RS=rs11848785;Source=dbsnp
NC_000014.9 71765163 rs1209228 A C . . RS=rs1209228;Source=dbsnp
NC_000014.9 71802951 rs1205106 G A . . RS=rs1205106;Source=dbsnp
NC_000014.9 71812883 rs1205091 G A . . RS=rs1205091;Source=dbsnp
NC_000014.9 71925485 rs36339 A G,T . . RS=rs36339;Source=dbsnp
NC_000014.9 71950609 rs2332700 C A,G . . RS=rs2332700;Source=dbsnp
NC_000014.9 71971181 rs758236 A G,T . . RS=rs758236;Source=dbsnp
NC_000014.9 71995664 rs11623535 G A . . RS=rs11623535;Source=dbsnp
NC_000014.9 71997545 rs4899412 T C . . RS=rs4899412;Source=dbsnp
NC_000014.9 72024298 rs6574039 T A,C,G . . RS=rs6574039;Source=dbsnp
NC_000014.9 72086035 rs17179470 G T . . RS=rs17179470;Source=dbsnp
NC_000014.9 72119843 rs981975 A C,G . . RS=rs981975;Source=dbsnp
NC_000014.9 72133506 rs2238256 T C . . RS=rs2238256;Source=dbsnp
NC_000014.9 72225785 rs699363 G A,C,T . . RS=rs699363;Source=dbsnp
NC_000014.9 72234973 rs847301 C A,T . . RS=rs847301;Source=dbsnp
NC_000014.9 72254077 rs847238 G A,C . . RS=rs847238;Source=dbsnp
NC_000014.9 72269330 rs847342 G A . . RS=rs847342;Source=dbsnp
NC_000014.9 72270403 rs917284 G T . . RS=rs917284;Source=dbsnp
NC_000014.9 72304350 rs860195 A G,T . . RS=rs860195;Source=dbsnp
NC_000014.9 72312321 rs2283394 G T . . RS=rs2283394;Source=dbsnp
NC_000014.9 72314705 rs2283393 A C,G . . RS=rs2283393;Source=dbsnp
NC_000014.9 72315221 rs847354 T C . . RS=rs847354;Source=dbsnp
NC_000014.9 72318730 rs847352 G T . . RS=rs847352;Source=dbsnp
NC_000014.9 72318972 rs2239250 A G . . RS=rs2239250;Source=dbsnp
NC_000014.9 72319735 rs8018927 G A,T . . RS=rs8018927;Source=dbsnp
NC_000014.9 72321538 rs7147236 G A . . RS=rs7147236;Source=dbsnp
NC_000014.9 72332295 rs2238199 C A,G,T . . RS=rs2238199;Source=dbsnp
NC_000014.9 72335528 rs2239247 G A . . RS=rs2239247;Source=dbsnp
NC_000014.9 72336251 rs1402064 T A,C . . RS=rs1402064;Source=dbsnp
NC_000014.9 72347856 rs8007684 G T . . RS=rs8007684;Source=dbsnp
```

```
NC_000014.9 72349918 rs2681749 T A,C . . RS=rs2681749;Source=dbsnp
NC_000014.9 72355005 rs12892244 C A,T . . RS=rs12892244;Source=dbsnp
NC_000014.9 72361020 rs847334 C T . . RS=rs847334;Source=dbsnp
NC_000014.9 72362889 rs847330 G A . . RS=rs847330;Source=dbsnp
NC_000014.9 72363271 rs2239227 A G . . RS=rs2239227;Source=dbsnp
NC_000014.9 72364298 rs847328 G C . . RS=rs847328;Source=dbsnp
NC_000014.9 72365627 rs10483844 G A,T . . RS=rs10483844;Source=dbsnp
NC_000014.9 72366064 rs769148 T C . . RS=rs769148;Source=dbsnp
NC_000014.9 72370209 rs4903013 C A,G,T . . RS=rs4903013;Source=dbsnp
NC_000014.9 72371226 rs10149207 A G . . RS=rs10149207;Source=dbsnp
NC_000014.9 72372392 rs6574069 T C . . RS=rs6574069;Source=dbsnp
NC_000014.9 72382801 rs2239223 C A,G,T . . RS=rs2239223;Source=dbsnp
NC_000014.9 72386112 rs2239219 A G . . RS=rs2239219;Source=dbsnp
NC_000014.9 72388454 rs10149848 G A . . RS=rs10149848;Source=dbsnp
NC_000014.9 72408978 rs6574074 G C . . RS=rs6574074;Source=dbsnp
NC_000014.9 72442369 rs2283381 A G,T . . RS=rs2283381;Source=dbsnp
NC_000014.9 72552528 rs4903031 A G . . RS=rs4903031;Source=dbsnp
NC_000014.9 72562470 rs2074647 G A . . RS=rs2074647;Source=dbsnp
NC_000014.9 72603947 rs7160623 T A,C,G . . RS=rs7160623;Source=dbsnp
NC_000014.9 72663063 rs1381 C G,T . . RS=rs1381;Source=dbsnp
NC_000014.9 72665321 rs757572 C A,T . . RS=rs757572;Source=dbsnp
NC_000014.9 72683993 rs10129954 C T . . RS=rs10129954;Source=dbsnp
NC_000014.9 72714848 rs3742837 C A,G,T . . RS=rs3742837;Source=dbsnp
NC_000014.9 72718325 rs2536143 A T . . RS=rs2536143;Source=dbsnp
NC_000014.9 72760199 rs11561560 G A . . RS=rs11561560;Source=dbsnp
NC_000014.9 72787181 rs1106631 C T . . RS=rs1106631;Source=dbsnp
NC_000014.9 72807013 rs4899445 A G . . RS=rs4899445;Source=dbsnp
NC_000014.9 72810446 rs1990440 G C . . RS=rs1990440;Source=dbsnp
NC_000014.9 72812712 rs4903064 T C . . RS=rs4903064;Source=dbsnp
NC_000014.9 72831859 rs1123135 G A . . RS=rs1123135;Source=dbsnp
NC_000014.9 72846718 rs8010957 A G,T . . RS=rs8010957;Source=dbsnp
NC_000014.9 72876869 rs11626844 C A,G,T . . RS=rs11626844;Source=dbsnp
NC_000014.9 72926538 rs3213729 G A,C . . RS=rs3213729;Source=dbsnp
NC_000014.9 72926683 rs12587742 G A . . RS=rs12587742;Source=dbsnp
NC_000014.9 72942975 rs2240980 C A,G,T . . RS=rs2240980;Source=dbsnp
NC_000014.9 72948525 rs2535913 G A . . RS=rs2535913;Source=dbsnp
NC_000014.9 73014626 rs7155380 T A,C,G . . RS=rs7155380;Source=dbsnp
NC_000014.9 73136423 rs1800839 C T . . RS=rs1800839;Source=dbsnp
NC_000014.9 73136992 rs1800844 G A,C,T . . RS=rs1800844;Source=dbsnp
NC_000014.9 73139288 rs214277 T A . . RS=rs214277;Source=dbsnp
NC_000014.9 73143556 rs3025774 G C . . RS=rs3025774;Source=dbsnp
NC_000014.9 73170486 rs362354 A G . . RS=rs362354;Source=dbsnp
NC_000014.9 73170813 rs63750592 G A . . RS=rs63750592;Source=dbsnp
NC_000014.9 73170945 rs63749824 C G,T . . RS=rs63749824;Source=dbsnp
NC_000014.9 73170963 rs63750599 T C . . RS=rs63750599;Source=dbsnp
NC_000014.9 73170974 rs63750815 G T . . RS=rs63750815;Source=dbsnp
NC_000014.9 73170984 rs63751141 G C . . RS=rs63751141;Source=dbsnp
NC_000014.9 73171023 rs1057518919 T G . . RS=rs1057518919;Source=dbsnp
```

```
NC_000014.9 73171031 rs200576075 C T . . RS=rs200576075;Source=dbsnp
NC_000014.9 73171047 rs63751399 T A,C . . RS=rs63751399;Source=dbsnp
NC_000014.9 73171921 rs362356 G C . . RS=rs362356;Source=dbsnp
NC_000014.9 73173587 rs63751272 A C,T . . RS=rs63751272;Source=dbsnp
NC_000014.9 73173642 rs63751037 A G . . RS=rs63751037;Source=dbsnp
NC_000014.9 73173663 rs63750306 A C,G,T . . RS=rs63750306;Source=dbsnp
NC_000014.9 73173665 rs63750391 G A,C,T . . RS=rs63750391;Source=dbsnp
NC_000014.9 73186859 rs63749885 C T . . RS=rs63749885;Source=dbsnp
NC_000014.9 73186860 rs63750590 A G . . RS=rs63750590;Source=dbsnp
NC_000014.9 73186869 rs63750265 T A,C,G . . RS=rs63750265;Source=dbsnp
NC_000014.9 73186881 rs63750577 C T . . RS=rs63750577;Source=dbsnp
NC_000014.9 73186892 rs63751144 C A . . RS=rs63751144;Source=dbsnp
NC_000014.9 73186920 rs63751068 G C,T . . RS=rs63751068;Source=dbsnp
NC_000014.9 73192712 rs63750082 G A,C,T . . RS=rs63750082;Source=dbsnp
NC_000014.9 73192744 rs267606983 G C . . RS=rs267606983;Source=dbsnp
NC_000014.9 73192792 rs63751287 A G,T . . RS=rs63751287;Source=dbsnp
NC_000014.9 73192832 rs63750526 C A . . RS=rs63750526;Source=dbsnp
NC_000014.9 73192844 rs63751163 T C . . RS=rs63751163;Source=dbsnp
NC_000014.9 73192862 rs63751320 A C . . RS=rs63751320;Source=dbsnp
NC_000014.9 73195921 rs214260 C T . . RS=rs214260;Source=dbsnp
NC_000014.9 73198010 rs3025786 T C . . RS=rs3025786;Source=dbsnp
NC_000014.9 73198043 rs199723282 T G . . RS=rs199723282;Source=dbsnp
NC_000014.9 73198052 rs63750301 C T . . RS=rs63750301;Source=dbsnp
NC_000014.9 73198057 rs121917807 G A . . RS=rs121917807;Source=dbsnp
NC_000014.9 73198060 rs63751229 C G,T . . RS=rs63751229;Source=dbsnp
NC_000014.9 73198067 rs63750900 G A . . RS=rs63750900;Source=dbsnp
NC_000014.9 73198072 rs63750886 C G . . RS=rs63750886;Source=dbsnp
NC_000014.9 73198094 rs63749891 G C,T . . RS=rs63749891;Source=dbsnp
NC_000014.9 73198100 rs63750231 A C,G . . RS=rs63750231;Source=dbsnp
NC_000014.9 73198117 rs63751235 C G . . RS=rs63751235;Source=dbsnp
NC_000014.9 73198145 rs165932 G A,T . . RS=rs165932;Source=dbsnp
NC_000014.9 73206123 rs165934 C A,G . . RS=rs165934;Source=dbsnp
NC_000014.9 73206470 rs17125721 A G . . RS=rs17125721;Source=dbsnp
NC_000014.9 73211255 rs177415 T A,C,G . . RS=rs177415;Source=dbsnp
NC_000014.9 73211811 rs121917809 A G,T . . RS=rs121917809;Source=dbsnp
NC_000014.9 73211830 rs201776669 A G . . RS=rs201776669;Source=dbsnp
NC_000014.9 73211874 rs63751164 C T . . RS=rs63751164;Source=dbsnp
NC_000014.9 73217137 rs63750687 C A,G,T . . RS=rs63750687;Source=dbsnp
NC_000014.9 73217171 rs63750218 T C,G . . RS=rs63750218;Source=dbsnp
NC_000014.9 73217225 rs661 G A,T . . RS=rs661;Source=dbsnp
NC_000014.9 73219161 rs63751223 G C . . RS=rs63751223;Source=dbsnp
NC_000014.9 73219177 rs63750083 C A,T . . RS=rs63750083;Source=dbsnp
NC_000014.9 73219185 rs281875357 GC TG . . RS=rs281875357;Source=dbsnp
NC_000014.9 73219192 rs121917808 C A . . RS=rs121917808;Source=dbsnp
NC_000014.9 73220236 rs7523 G A . . RS=rs7523;Source=dbsnp
NC_000014.9 73220436 rs165935 C T . . RS=rs165935;Source=dbsnp
NC_000014.9 73231840 rs362408 G A . . RS=rs362408;Source=dbsnp
NC_000014.9 73252595 rs8017937 G A . . RS=rs8017937;Source=dbsnp
```

```
NC_000014.9 73254537 rs17126352 G A . . RS=rs17126352;Source=dbsnp
NC_000014.9 73255067 rs11628713 C T . . RS=rs11628713;Source=dbsnp
NC_000014.9 73257387 rs6574115 A C,G,T . . RS=rs6574115;Source=dbsnp
NC_000014.9 73258951 rs2293797 C A . . RS=rs2293797;Source=dbsnp
NC_000014.9 73274478 rs1047849 T C . . RS=rs1047849;Source=dbsnp
NC_000014.9 73275573 rs7202 G A . . RS=rs7202;Source=dbsnp
NC_000014.9 73276750 rs17781919 C T . . RS=rs17781919;Source=dbsnp
NC_000014.9 73279604 rs177380 C A,G,T . . RS=rs177380;Source=dbsnp
NC_000014.9 73283294 rs177378 C T . . RS=rs177378;Source=dbsnp
NC_000014.9 73284302 rs1050477 G T . . RS=rs1050477;Source=dbsnp
NC_000014.9 73289591 rs10483853 A G . . RS=rs10483853;Source=dbsnp
NC_000014.9 73291037 rs177372 G A,T . . RS=rs177372;Source=dbsnp
NC_000014.9 73300506 rs2333194 G A,T . . RS=rs2333194;Source=dbsnp
NC_000014.9 73306901 rs10141031 C A,G,T . . RS=rs10141031;Source=dbsnp
NC_000014.9 73330961 rs12435797 G A,C,T . . RS=rs12435797;Source=dbsnp
NC_000014.9 73410218 rs2108552 G A,C . . RS=rs2108552;Source=dbsnp
NC_000014.9 73417339 rs1019075 C A,T . . RS=rs1019075;Source=dbsnp
NC_000014.9 73469892 rs4899468 C A,G,T . . RS=rs4899468;Source=dbsnp
NC_000014.9 73593804 rs35724886 C A . . RS=rs35724886;Source=dbsnp
NC_000014.9 73645026 rs876657784 T G . . RS=rs876657784;Source=dbsnp
NC_000014.9 73658843 rs748496499 A G . . RS=rs748496499;Source=dbsnp
NC_000014.9 73661975 rs201880561 G C . . RS=rs201880561;Source=dbsnp
NC_000014.9 73671556 rs876657637 TTATCTTT T . . RS=rs876657637;Source=dbsnp
NC_000014.9 73685613 rs12436322 C T . . RS=rs12436322;Source=dbsnp
NC_000014.9 73687342 rs186927207 A G . . RS=rs186927207;Source=dbsnp
NC_000014.9 73689328 rs114223887 G A . . RS=rs114223887;Source=dbsnp
NC_000014.9 73689398 rs141873943 C G,T . . RS=rs141873943;Source=dbsnp
NC_000014.9 73689432 rs387907021 A G . . RS=rs387907021;Source=dbsnp
NC_000014.9 73689475 rs150636700 A G . . RS=rs150636700;Source=dbsnp
NC_000014.9 73689526 rs72721725 C G,T . . RS=rs72721725;Source=dbsnp
NC_000014.9 73695974 rs372867813 T C . . RS=rs372867813;Source=dbsnp
NC_000014.9 73696147 rs6574138 T C . . RS=rs6574138;Source=dbsnp
NC_000014.9 73744610 rs977357 C T . . RS=rs977357;Source=dbsnp
NC_000014.9 73783854 rs12717560 A G . . RS=rs12717560;Source=dbsnp
NC_000014.9 73784012 rs12878166 C A,G,T . . RS=rs12878166;Source=dbsnp
NC_000014.9 73785392 rs4903146 G A,C . . RS=rs4903146;Source=dbsnp
NC_000014.9 73809286 rs17182607 A G . . RS=rs17182607;Source=dbsnp
NC_000014.9 73840543 rs11621523 C A . . RS=rs11621523;Source=dbsnp
NC_000014.9 73950133 rs17094161 G A . . RS=rs17094161;Source=dbsnp
NC_000014.9 73950242 rs17552038 G C . . RS=rs17552038;Source=dbsnp
NC_000014.9 73953420 rs745746077 TTTT TTT,TTTTT . . RS=rs745746077;Source=dbsnp
NC_000014.9 73953424 rs3213692 C A,G,T . . RS=rs3213692;Source=dbsnp
NC_000014.9 73958149 rs189840848 C G,T . . RS=rs189840848;Source=dbsnp
NC_000014.9 73958152 rs375128599 G A . . RS=rs375128599;Source=dbsnp
NC_000014.9 73958229 rs1057519349 G A . . RS=rs1057519349;Source=dbsnp
NC_000014.9 73958980 rs606231262 G C . . RS=rs606231262;Source=dbsnp
NC_000014.9 73959204 rs1057519350 G A . . RS=rs1057519350;Source=dbsnp
NC_000014.9 73961297 rs2074930 A C,G,T . . RS=rs2074930;Source=dbsnp
```

```
NC_000014.9 73961339 rs397514479 C A . . RS=rs397514479;Source=dbsnp
NC_000014.9 73961583 rs7141392 A C,G,T . . RS=rs7141392;Source=dbsnp
NC_000014.9 73961742 rs8500 G A . . RS=rs8500;Source=dbsnp
NC_000014.9 73961761 rs374270071 A G . . RS=rs374270071;Source=dbsnp
NC_000014.9 73961867 rs1057519351 G A . . RS=rs1057519351;Source=dbsnp
NC_000014.9 73962975 rs1057519352 AG A . . RS=rs1057519352;Source=dbsnp
NC_000014.9 73974642 rs758240 G A,T . . RS=rs758240;Source=dbsnp
NC_000014.9 73977388 rs201751093 AAAAAAAAAAAAAAA AAAAAAAAAAA,AAAAAAAAAAAA,AAAAAAAAAAAAA,AAAAA
. . RS=rs201751093;Source=dbsnp
NC_000014.9 74060647 rs367863044 G A,T . . RS=rs367863044;Source=dbsnp
NC_000014.9 74062957 rs9652369 T A,C,G . . RS=rs9652369;Source=dbsnp
NC_000014.9 74065249 rs72552258 C T . . RS=rs72552258;Source=dbsnp
NC_000014.9 74068927 rs879255579 G T . . RS=rs879255579;Source=dbsnp
NC_000014.9 74071411 rs869320672 A G . . RS=rs869320672;Source=dbsnp
NC_000014.9 74072539 rs796065046 G A . . RS=rs796065046;Source=dbsnp
NC_000014.9 74074615 rs12587903 T C . . RS=rs12587903;Source=dbsnp
NC_000014.9 74105395 rs1468507 C A . . RS=rs1468507;Source=dbsnp
NC_000014.9 74204553 rs2109750 G A . . RS=rs2109750;Source=dbsnp
NC_000014.9 74239627 rs869025268 GGGGGG GGGGGGG . . RS=rs869025268;Source=dbsnp
NC_000014.9 74241176 rs398124558 T C . . RS=rs398124558;Source=dbsnp
NC_000014.9 74245180 rs35435463 C T . . RS=rs35435463;Source=dbsnp
NC_000014.9 74259621 rs121912543 G A,C . . RS=rs121912543;Source=dbsnp
NC_000014.9 74259689 rs755799430 G A . . RS=rs755799430;Source=dbsnp
NC_000014.9 74259701 rs121912545 C T . . RS=rs121912545;Source=dbsnp
NC_000014.9 74260704 rs75395981 G A . . RS=rs75395981;Source=dbsnp
NC_000014.9 74286707 rs387907315 A AGA . . RS=rs387907315;Source=dbsnp
NC_000014.9 74286717 rs143288344 C T . . RS=rs143288344;Source=dbsnp
NC_000014.9 74288233 rs57773157 G A . . RS=rs57773157;Source=dbsnp
NC_000014.9 74292303 rs3742801 C T . . RS=rs3742801;Source=dbsnp
NC_000014.9 74292321 rs775602421 C T . . RS=rs775602421;Source=dbsnp
NC_000014.9 74292598 rs4148078 G T . . RS=rs4148078;Source=dbsnp
NC_000014.9 74292623 rs201777056 T C,G . . RS=rs201777056;Source=dbsnp
NC_000014.9 74292774 rs4148077 C T . . RS=rs4148077;Source=dbsnp
NC_000014.9 74295343 rs2074946 T G . . RS=rs2074946;Source=dbsnp
NC_000014.9 74296361 rs34992370 C T . . RS=rs34992370;Source=dbsnp
NC_000014.9 74297972 rs61744947 G A . . RS=rs61744947;Source=dbsnp
NC_000014.9 74299649 rs2301345 A C,G . . RS=rs2301345;Source=dbsnp
NC_000014.9 74299657 rs58272575 T C . . RS=rs58272575;Source=dbsnp
NC_000014.9 74300425 rs7158118 G A,T . . RS=rs7158118;Source=dbsnp
NC_000014.9 74300808 rs17182959 G A,C . . RS=rs17182959;Source=dbsnp
NC_000014.9 74303138 rs17782508 C T . . RS=rs17782508;Source=dbsnp
NC_000014.9 74446127 rs1125221 G A . . RS=rs1125221;Source=dbsnp
NC_000014.9 74480701 rs140130028 C T . . RS=rs140130028;Source=dbsnp
NC_000014.9 74480707 rs104894457 G A . . RS=rs104894457;Source=dbsnp
NC_000014.9 74484420 rs104894458 G A . . RS=rs104894458;Source=dbsnp
NC_000014.9 74484426 rs80358266 C A,T . . RS=rs80358266;Source=dbsnp
NC_000014.9 74484446 rs80358265 TT T . . RS=rs80358265;Source=dbsnp
NC_000014.9 74484483 rs80358264 A G . . RS=rs80358264;Source=dbsnp
```

```
NC_000014.9 74484486 rs142858704 T G . . RS=rs142858704;Source=dbsnp
NC_000014.9 74484579 rs11694 A G . . RS=rs11694;Source=dbsnp
NC_000014.9 74485835 rs917394 A G . . RS=rs917394;Source=dbsnp
NC_000014.9 74486315 rs189666920 C A,T . . RS=rs189666920;Source=dbsnp
NC_000014.9 74486324 rs80358268 C T . . RS=rs80358268;Source=dbsnp
NC_000014.9 74486378 rs80358263 G T . . RS=rs80358263;Source=dbsnp
NC_000014.9 74486386 rs80358262 G A . . RS=rs80358262;Source=dbsnp
NC_000014.9 74486404 rs80358261 C T . . RS=rs80358261;Source=dbsnp
NC_000014.9 74486431 rs151220873 C T . . RS=rs151220873;Source=dbsnp
NC_000014.9 74493191 rs879253740 A G . . RS=rs879253740;Source=dbsnp
NC_000014.9 74493217 rs80358260 C A,T . . RS=rs80358260;Source=dbsnp
NC_000014.9 74493248 rs80358267 GC G . . RS=rs80358267;Source=dbsnp
NC_000014.9 74494329 rs730882246 G A . . RS=rs730882246;Source=dbsnp
NC_000014.9 74502912 rs12586758 G A . . RS=rs12586758;Source=dbsnp
NC_000014.9 74502918 rs144520047 C G,T . . RS=rs144520047;Source=dbsnp
NC_000014.9 74503252 rs387907174 G A . . RS=rs387907174;Source=dbsnp
NC_000014.9 74503299 rs75200417 C G,T . . RS=rs75200417;Source=dbsnp
NC_000014.9 74503325 rs2079631 C T . . RS=rs2079631;Source=dbsnp
NC_000014.9 74505039 rs387907175 C T . . RS=rs387907175;Source=dbsnp
NC_000014.9 74505089 rs61738017 C T . . RS=rs61738017;Source=dbsnp
NC_000014.9 74507195 rs61738013 C T . . RS=rs61738013;Source=dbsnp
NC_000014.9 74507234 rs61736977 G A . . RS=rs61736977;Source=dbsnp
NC_000014.9 74508645 rs45468895 G A . . RS=rs45468895;Source=dbsnp
NC_000014.9 74508727 rs137854856 C G,T . . RS=rs137854856;Source=dbsnp
NC_000014.9 74509308 rs61729544 C A,T . . RS=rs61729544;Source=dbsnp
NC_000014.9 74510149 rs45473602 G A . . RS=rs45473602;Source=dbsnp
NC_000014.9 74511307 rs76172717 G C . . RS=rs76172717;Source=dbsnp
NC_000014.9 74512162 rs862057 C A,G,T . . RS=rs862057;Source=dbsnp
NC_000014.9 74521898 rs78258030 G A . . RS=rs78258030;Source=dbsnp
NC_000014.9 74521984 rs7145480 G A . . RS=rs7145480;Source=dbsnp
NC_000014.9 74524043 rs862034 A G,T . . RS=rs862034;Source=dbsnp
NC_000014.9 74525152 rs862031 A C,G,T . . RS=rs862031;Source=dbsnp
NC_000014.9 74526070 rs786205624 C A,G . . RS=rs786205624;Source=dbsnp
NC_000014.9 74526097 rs699374 A G,T . . RS=rs699374;Source=dbsnp
NC_000014.9 74552299 rs61738025 C T . . RS=rs61738025;Source=dbsnp
NC_000014.9 74555568 rs2304707 G A,T . . RS=rs2304707;Source=dbsnp
NC_000014.9 74555629 rs121918355 G A,T . . RS=rs121918355;Source=dbsnp
NC_000014.9 74603790 rs3742793 G C . . RS=rs3742793;Source=dbsnp
NC_000014.9 74606345 rs2043948 C A,T . . RS=rs2043948;Source=dbsnp
NC_000014.9 74607613 rs11159091 G A . . RS=rs11159091;Source=dbsnp
NC_000014.9 74611614 rs121918356 G A,C . . RS=rs121918356;Source=dbsnp
NC_000014.9 74621282 rs17101452 C A . . RS=rs17101452;Source=dbsnp
NC_000014.9 74622392 rs888419 A G . . RS=rs888419;Source=dbsnp
NC_000014.9 74784737 rs2241275 A G,T . . RS=rs2241275;Source=dbsnp
NC_000014.9 74792437 rs2287403 C T . . RS=rs2287403;Source=dbsnp
NC_000014.9 74809376 rs957345 C G,T . . RS=rs957345;Source=dbsnp
NC_000014.9 74849911 rs4899536 T C,G . . RS=rs4899536;Source=dbsnp
NC_000014.9 74855624 rs10483863 A C,G . . RS=rs10483863;Source=dbsnp
```

```
NC_000014.9 74876324 rs2159905 A G . . RS=rs2159905;Source=dbsnp
NC_000014.9 74899026 rs732765 A G . . RS=rs732765;Source=dbsnp
NC_000014.9 74899744 rs731952 C T . . RS=rs731952;Source=dbsnp
NC_000014.9 74901037 rs1799900 G A,T . . RS=rs1799900;Source=dbsnp
NC_000014.9 74911482 rs3213716 G A,C . . RS=rs3213716;Source=dbsnp
NC_000014.9 74911644 rs3213717 C T . . RS=rs3213717;Source=dbsnp
NC_000014.9 74941797 rs2268613 G A,C . . RS=rs2268613;Source=dbsnp
NC_000014.9 74942064 rs1042886 G A,C,T . . RS=rs1042886;Source=dbsnp
NC_000014.9 74942086 rs8185 T C . . RS=rs8185;Source=dbsnp
NC_000014.9 74942340 rs12411 T A . . RS=rs12411;Source=dbsnp
NC_000014.9 74949297 rs2268614 C A,T . . RS=rs2268614;Source=dbsnp
NC_000014.9 74950149 rs61759375 C T . . RS=rs61759375;Source=dbsnp
NC_000014.9 74951714 rs2268615 C A,T . . RS=rs2268615;Source=dbsnp
NC_000014.9 74955472 rs11542848 C G,T . . RS=rs11542848;Source=dbsnp
NC_000014.9 74957320 rs741095 G A . . RS=rs741095;Source=dbsnp
NC_000014.9 74957583 rs2005863 T A,C,G . . RS=rs2005863;Source=dbsnp
NC_000014.9 74959547 rs11850328 G A,C . . RS=rs11850328;Source=dbsnp
NC_000014.9 74992930 rs175016 C T . . RS=rs175016;Source=dbsnp
NC_000014.9 75003365 rs397514648 T A . . RS=rs397514648;Source=dbsnp
NC_000014.9 75003743 rs175041 C A,G,T . . RS=rs175041;Source=dbsnp
NC_000014.9 75004815 rs104894428 C A,T . . RS=rs104894428;Source=dbsnp
NC_000014.9 75004850 rs104894427 C T . . RS=rs104894427;Source=dbsnp
NC_000014.9 75005867 rs113994012 G C,T . . RS=rs113994012;Source=dbsnp
NC_000014.9 75005875 rs113994014 ATGGCT TG . . RS=rs113994014;Source=dbsnp
NC_000014.9 75005906 rs104894425 A G . . RS=rs104894425;Source=dbsnp
NC_000014.9 75006701 rs113994016 A G . . RS=rs113994016;Source=dbsnp
NC_000014.9 75009079 rs104894426 T A . . RS=rs104894426;Source=dbsnp
NC_000014.9 75009118 rs113994020 G T . . RS=rs113994020;Source=dbsnp
NC_000014.9 75009191 rs112087431 G A,C . . RS=rs112087431;Source=dbsnp
NC_000014.9 75013934 rs108621 T C . . RS=rs108621;Source=dbsnp
NC_000014.9 75014665 rs175049 C T . . RS=rs175049;Source=dbsnp
NC_000014.9 75017093 rs28939071 C T . . RS=rs28939071;Source=dbsnp
NC_000014.9 75017109 rs13712 T A,C,G . . RS=rs13712;Source=dbsnp
NC_000014.9 75022929 rs175057 C G,T . . RS=rs175057;Source=dbsnp
NC_000014.9 75032069 rs121908439 A G . . RS=rs121908439;Source=dbsnp
NC_000014.9 75035537 rs4026175 C A,G,T . . RS=rs4026175;Source=dbsnp
NC_000014.9 75039527 rs7156586 A T . . RS=rs7156586;Source=dbsnp
NC_000014.9 75039993 rs28757011 C T . . RS=rs28757011;Source=dbsnp
NC_000014.9 75046622 rs1057518875 C T . . RS=rs1057518875;Source=dbsnp
NC_000014.9 75046715 rs377337763 C T . . RS=rs377337763;Source=dbsnp
NC_000014.9 75046760 rs17782839 A G,T . . RS=rs17782839;Source=dbsnp
NC_000014.9 75046831 rs17102999 G A . . RS=rs17102999;Source=dbsnp
NC_000014.9 75047125 rs175080 G A . . RS=rs175080;Source=dbsnp
NC_000014.9 75047174 rs587776622 C A . . RS=rs587776622;Source=dbsnp
NC_000014.9 75047180 rs175081 T A,C,G . . RS=rs175081;Source=dbsnp
NC_000014.9 75047266 rs28756991 C T . . RS=rs28756991;Source=dbsnp
NC_000014.9 75047435 rs28756990 C A,T . . RS=rs28756990;Source=dbsnp
NC_000014.9 75047540 rs797045117 TTT TT . . RS=rs797045117;Source=dbsnp
```

```
NC_000014.9 75047786 rs28756986 C G . . RS=rs28756986;Source=dbsnp
NC_000014.9 75048160 rs28937871 T C . . RS=rs28937871;Source=dbsnp
NC_000014.9 75048398 rs28756982 C T . . RS=rs28756982;Source=dbsnp
NC_000014.9 75048965 rs28756981 T G . . RS=rs28756981;Source=dbsnp
NC_000014.9 75049507 rs148409389 A C,T . . RS=rs148409389;Source=dbsnp
NC_000014.9 75049586 rs28937870 G C . . RS=rs28937870;Source=dbsnp
NC_000014.9 75053362 rs7303 T C . . RS=rs7303;Source=dbsnp
NC_000014.9 75097231 rs142859694 C A,T . . RS=rs142859694;Source=dbsnp
NC_000014.9 75101741 rs193920844 TT TTT . . RS=rs193920844;Source=dbsnp
NC_000014.9 75103841 rs886037838 C A . . RS=rs886037838;Source=dbsnp
NC_000014.9 75103858 rs886037839 C A . . RS=rs886037839;Source=dbsnp
NC_000014.9 75106541 rs757011098 G A,T . . RS=rs757011098;Source=dbsnp
NC_000014.9 75120534 rs879253775 A G . . RS=rs879253775;Source=dbsnp
NC_000014.9 75132452 rs13099 G A,C . . RS=rs13099;Source=dbsnp
NC_000014.9 75135034 rs12435391 A C,G,T . . RS=rs12435391;Source=dbsnp
NC_000014.9 75159339 rs910316 A C,G . . RS=rs910316;Source=dbsnp
NC_000014.9 75234518 rs4899554 C T . . RS=rs4899554;Source=dbsnp
NC_000014.9 75242863 rs8013918 T C . . RS=rs8013918;Source=dbsnp
NC_000014.9 75275048 rs1569328 C T . . RS=rs1569328;Source=dbsnp
NC_000014.9 75278744 rs4645852 C A . . RS=rs4645852;Source=dbsnp
NC_000014.9 75278848 rs2239615 T A,G . . RS=rs2239615;Source=dbsnp
NC_000014.9 75278923 rs7101 C T . . RS=rs7101;Source=dbsnp
NC_000014.9 75279965 rs74685695 T G . . RS=rs74685695;Source=dbsnp
NC_000014.9 75279987 rs1046117 C T . . RS=rs1046117;Source=dbsnp
NC_000014.9 75280415 rs1063169 G C,T . . RS=rs1063169;Source=dbsnp
NC_000014.9 75281848 rs45480193 T A . . RS=rs45480193;Source=dbsnp
NC_000014.9 75283172 rs4645869 G A . . RS=rs4645869;Source=dbsnp
NC_000014.9 75374509 rs2205187 C T . . RS=rs2205187;Source=dbsnp
NC_000014.9 75426193 rs8004334 T C . . RS=rs8004334;Source=dbsnp
NC_000014.9 75433818 rs715463 A G . . RS=rs715463;Source=dbsnp
NC_000014.9 75451512 rs741846 G A,T . . RS=rs741846;Source=dbsnp
NC_000014.9 75456963 rs175646 T A,C . . RS=rs175646;Source=dbsnp
NC_000014.9 75469814 rs8215 T C . . RS=rs8215;Source=dbsnp
NC_000014.9 75494193 rs7155603 A G,T . . RS=rs7155603;Source=dbsnp
NC_000014.9 75513546 rs10136427 C T . . RS=rs10136427;Source=dbsnp
NC_000014.9 75523780 rs17783132 G A . . RS=rs17783132;Source=dbsnp
NC_000014.9 75535051 rs7161377 T C . . RS=rs7161377;Source=dbsnp
NC_000014.9 75539214 rs2300603 T A,C . . RS=rs2300603;Source=dbsnp
NC_000014.9 75579019 rs2287015 T C . . RS=rs2287015;Source=dbsnp
NC_000014.9 75579301 rs746459536 AACATCT A . . RS=rs746459536;Source=dbsnp
NC_000014.9 75579348 rs8011292 C A,T . . RS=rs8011292;Source=dbsnp
NC_000014.9 75579445 rs138495705 C A,T . . RS=rs138495705;Source=dbsnp
NC_000014.9 75579515 rs2287016 G A,C . . RS=rs2287016;Source=dbsnp
NC_000014.9 75579620 rs2287017 C A,G,T . . RS=rs2287017;Source=dbsnp
NC_000014.9 75604938 rs10483871 G A,C,T . . RS=rs10483871;Source=dbsnp
NC_000014.9 75624639 rs267606823 C G . . RS=rs267606823;Source=dbsnp
NC_000014.9 75631922 rs12432793 T C . . RS=rs12432793;Source=dbsnp
NC_000014.9 75633653 rs267606824 C T . . RS=rs267606824;Source=dbsnp
```

```
NC_000014.9 75633674 rs757778790 G A,C,T . . RS=rs757778790;Source=dbsnp
NC_000014.9 75639419 rs267606822 C G,T . . RS=rs267606822;Source=dbsnp
NC_000014.9 75641008 rs267606825 C G,T . . RS=rs267606825;Source=dbsnp
NC_000014.9 75662944 rs2302592 C G . . RS=rs2302592;Source=dbsnp
NC_000014.9 75690221 rs587777470 CT C . . RS=rs587777470;Source=dbsnp
NC_000014.9 75690266 rs2303345 C A,T . . RS=rs2303345;Source=dbsnp
NC_000014.9 75702965 rs10483872 C A,T . . RS=rs10483872;Source=dbsnp
NC_000014.9 75764648 rs587777469 AGAGAG AG,AGAG . . RS=rs587777469;Source=dbsnp
NC_000014.9 75764691 rs199882533 G A,T . . RS=rs199882533;Source=dbsnp
NC_000014.9 75773491 rs7161217 G A,C . . RS=rs7161217;Source=dbsnp
NC_000014.9 75783181 rs146036604 A C . . RS=rs146036604;Source=dbsnp
NC_000014.9 75863694 rs587777471 G A . . RS=rs587777471;Source=dbsnp
NC_000014.9 75958692 rs387906514 G A . . RS=rs387906514;Source=dbsnp
NC_000014.9 75959200 rs398122984 C T . . RS=rs398122984;Source=dbsnp
NC_000014.9 75963212 rs3917201 C T . . RS=rs3917201;Source=dbsnp
NC_000014.9 75963343 rs587777617 C T . . RS=rs587777617;Source=dbsnp
NC_000014.9 75963344 rs796051885 G A . . RS=rs796051885;Source=dbsnp
NC_000014.9 75963455 rs796051886 C G . . RS=rs796051886;Source=dbsnp
NC_000014.9 75963525 rs3917200 A G . . RS=rs3917200;Source=dbsnp
NC_000014.9 75965331 rs3917192 T C . . RS=rs3917192;Source=dbsnp
NC_000014.9 75965586 rs875989816 A G . . RS=rs875989816;Source=dbsnp
NC_000014.9 75965638 rs875989817 TT T . . RS=rs875989817;Source=dbsnp
NC_000014.9 75965793 rs3917187 T C . . RS=rs3917187;Source=dbsnp
NC_000014.9 75971213 rs201063101 C G,T . . RS=rs201063101;Source=dbsnp
NC_000014.9 75971584 rs142601521 G A,C . . RS=rs142601521;Source=dbsnp
NC_000014.9 75973002 rs2268624 G C . . RS=rs2268624;Source=dbsnp
NC_000014.9 75973291 rs2268625 C G,T . . RS=rs2268625;Source=dbsnp
NC_000014.9 75975221 rs2300607 A G,T . . RS=rs2300607;Source=dbsnp
NC_000014.9 75977236 rs2284792 G A,C,T . . RS=rs2284792;Source=dbsnp
NC_000014.9 75978126 rs3917158 T A,C,G . . RS=rs3917158;Source=dbsnp
NC_000014.9 75978424 rs2268626 C G,T . . RS=rs2268626;Source=dbsnp
NC_000014.9 75980178 rs3917148 T G . . RS=rs3917148;Source=dbsnp
NC_000014.9 75980601 rs142047577 G A,C . . RS=rs142047577;Source=dbsnp
NC_000014.9 75980715 rs4252315 G A . . RS=rs4252315;Source=dbsnp
NC_000014.9 75980855 rs11466415 G A . . RS=rs11466415;Source=dbsnp
NC_000014.9 75980923 rs770828281 C T . . RS=rs770828281;Source=dbsnp
NC_000014.9 75981507 rs11466414 G A . . RS=rs11466414;Source=dbsnp
NC_000014.9 75985787 rs387907107 A G . . RS=rs387907107;Source=dbsnp
NC_000014.9 75985807 rs193921095 G A,T . . RS=rs193921095;Source=dbsnp
NC_000014.9 75987776 rs2205181 C T . . RS=rs2205181;Source=dbsnp
NC_000014.9 76007547 rs7149264 G A,C,T . . RS=rs7149264;Source=dbsnp
NC_000014.9 76042427 rs10483873 G A . . RS=rs10483873;Source=dbsnp
NC_000014.9 76124863 rs935340 A C,G . . RS=rs935340;Source=dbsnp
NC_000014.9 76147335 rs935334 T A,C,G . . RS=rs935334;Source=dbsnp
NC_000014.9 76153618 rs3813546 A G . . RS=rs3813546;Source=dbsnp
NC_000014.9 76160360 rs2543383 T C . . RS=rs2543383;Source=dbsnp
NC_000014.9 76184421 rs2121070 T A,C,G . . RS=rs2121070;Source=dbsnp
NC_000014.9 76233247 rs935332 G T . . RS=rs935332;Source=dbsnp
```

```
NC_000014.9 76249591 rs12590520 T C . . RS=rs12590520;Source=dbsnp
NC_000014.9 76308859 rs4903399 C T . . RS=rs4903399;Source=dbsnp
NC_000014.9 76311726 rs7151924 T C . . RS=rs7151924;Source=dbsnp
NC_000014.9 76334274 rs10083530 A G,T . . RS=rs10083530;Source=dbsnp
NC_000014.9 76335681 rs11622335 C G,T . . RS=rs11622335;Source=dbsnp
NC_000014.9 76341531 rs13379450 G A,C,T . . RS=rs13379450;Source=dbsnp
NC_000014.9 76345835 rs10149196 G C . . RS=rs10149196;Source=dbsnp
NC_000014.9 76346148 rs2360997 G C . . RS=rs2360997;Source=dbsnp
NC_000014.9 76346352 rs12893597 C T . . RS=rs12893597;Source=dbsnp
NC_000014.9 76350403 rs12896434 G A . . RS=rs12896434;Source=dbsnp
NC_000014.9 76355290 rs2361000 T C . . RS=rs2361000;Source=dbsnp
NC_000014.9 76400617 rs7157192 G A,T . . RS=rs7157192;Source=dbsnp
NC_000014.9 76404257 rs6574293 A C,G,T . . RS=rs6574293;Source=dbsnp
NC_000014.9 76404475 rs10132091 T A,C,G . . RS=rs10132091;Source=dbsnp
NC_000014.9 76439369 rs143477571 A G . . RS=rs143477571;Source=dbsnp
NC_000014.9 76439434 rs35544003 C A,G,T . . RS=rs35544003;Source=dbsnp
NC_000014.9 76439494 rs61744548 G C . . RS=rs61744548;Source=dbsnp
NC_000014.9 76439496 rs61760172 C T . . RS=rs61760172;Source=dbsnp
NC_000014.9 76439668 rs190465039 G A . . RS=rs190465039;Source=dbsnp
NC_000014.9 76439682 rs121909110 C T . . RS=rs121909110;Source=dbsnp
NC_000014.9 76439704 rs141586518 G A . . RS=rs141586518;Source=dbsnp
NC_000014.9 76439754 rs727503040 C T . . RS=rs727503040;Source=dbsnp
NC_000014.9 76439755 rs876657808 G A . . RS=rs876657808;Source=dbsnp
NC_000014.9 76471705 rs1867655 G A . . RS=rs1867655;Source=dbsnp
NC_000014.9 76482588 rs534216019 G A . . RS=rs534216019;Source=dbsnp
NC_000014.9 76482635 rs370195063 G A,T . . RS=rs370195063;Source=dbsnp
NC_000014.9 76482674 rs79273904 G A . . RS=rs79273904;Source=dbsnp
NC_000014.9 76482769 rs567273831 T A . . RS=rs567273831;Source=dbsnp
NC_000014.9 76484168 rs7150423 T A,C . . RS=rs7150423;Source=dbsnp
NC_000014.9 76485030 rs7155416 G T . . RS=rs7155416;Source=dbsnp
NC_000014.9 76491048 rs2885232 C G,T . . RS=rs2885232;Source=dbsnp
NC_000014.9 76491472 rs201417586 C T . . RS=rs201417586;Source=dbsnp
NC_000014.9 76491544 rs2361293 T A,C . . RS=rs2361293;Source=dbsnp
NC_000014.9 76491548 rs201344770 G A . . RS=rs201344770;Source=dbsnp
NC_000014.9 76491602 rs876657463 G A . . RS=rs876657463;Source=dbsnp
NC_000014.9 76491628 rs886038549 C T . . RS=rs886038549;Source=dbsnp
NC_000014.9 76491682 rs876657643 TGTG TG . . RS=rs876657643;Source=dbsnp
NC_000014.9 76491683 rs121909111 G T . . RS=rs121909111;Source=dbsnp
NC_000014.9 76491724 rs373429794 C T . . RS=rs373429794;Source=dbsnp
NC_000014.9 76491727 rs116803435 C T . . RS=rs116803435;Source=dbsnp
NC_000014.9 76491731 rs754237725 G A . . RS=rs754237725;Source=dbsnp
NC_000014.9 76498269 rs370193367 C T . . RS=rs370193367;Source=dbsnp
NC_000014.9 76498300 rs373131497 C A,T . . RS=rs373131497;Source=dbsnp
NC_000014.9 76498312 rs61742642 C A,T . . RS=rs61742642;Source=dbsnp
NC_000014.9 76498317 rs727503041 G A . . RS=rs727503041;Source=dbsnp
NC_000014.9 76498352 rs876657807 CT C . . RS=rs876657807;Source=dbsnp
NC_000014.9 76498361 rs727504577 ACGGCC A . . RS=rs727504577;Source=dbsnp
NC_000014.9 76498393 rs146351534 G A . . RS=rs146351534;Source=dbsnp
```

```
NC_000014.9 76498465 rs374018995 C T . . RS=rs374018995;Source=dbsnp
NC_000014.9 76499932 rs188462546 T C . . RS=rs188462546;Source=dbsnp
NC_000014.9 76499975 rs201726554 C T . . RS=rs201726554;Source=dbsnp
NC_000014.9 76499993 rs200237229 G A . . RS=rs200237229;Source=dbsnp
NC_000014.9 76500004 rs201448899 C T . . RS=rs201448899;Source=dbsnp
NC_000014.9 76500008 rs772147649 C A . . RS=rs772147649;Source=dbsnp
NC_000014.9 76514762 rs17583842 T C . . RS=rs17583842;Source=dbsnp
NC_000014.9 76517387 rs12437118 G A,C . . RS=rs12437118;Source=dbsnp
NC_000014.9 76525821 rs1676303 C G,T . . RS=rs1676303;Source=dbsnp
NC_000014.9 76552223 rs1676235 G A,C,T . . RS=rs1676235;Source=dbsnp
NC_000014.9 76605065 rs17783432 G A,T . . RS=rs17783432;Source=dbsnp
NC_000014.9 76654401 rs11159221 T C . . RS=rs11159221;Source=dbsnp
NC_000014.9 76698212 rs17104804 G A . . RS=rs17104804;Source=dbsnp
NC_000014.9 76770591 rs8006081 C T . . RS=rs8006081;Source=dbsnp
NC_000014.9 76818376 rs760267 T A,C . . RS=rs760267;Source=dbsnp
NC_000014.9 76942722 rs175990 A C,T . . RS=rs175990;Source=dbsnp
NC_000014.9 77011321 rs1120277 T A,C,G . . RS=rs1120277;Source=dbsnp
NC_000014.9 77146567 rs2020995 T A,C,G . . RS=rs2020995;Source=dbsnp
NC_000014.9 77162674 rs981471 A C,G,T . . RS=rs981471;Source=dbsnp
NC_000014.9 77214730 rs8014408 A C,G . . RS=rs8014408;Source=dbsnp
NC_000014.9 77253003 rs8021076 T C . . RS=rs8021076;Source=dbsnp
NC_000014.9 77255805 rs888059 C G,T . . RS=rs888059;Source=dbsnp
NC_000014.9 77256124 rs733416 C G,T . . RS=rs733416;Source=dbsnp
NC_000014.9 77257629 rs11847091 G A,T . . RS=rs11847091;Source=dbsnp
NC_000014.9 77257883 rs3813539 G A,T . . RS=rs3813539;Source=dbsnp
NC_000014.9 77258661 rs7141596 T A,C . . RS=rs7141596;Source=dbsnp
NC_000014.9 77260014 rs369202 A C,G,T . . RS=rs369202;Source=dbsnp
NC_000014.9 77260390 rs888060 C T . . RS=rs888060;Source=dbsnp
NC_000014.9 77260635 rs747273 G C . . RS=rs747273;Source=dbsnp
NC_000014.9 77261503 rs368855 C T . . RS=rs368855;Source=dbsnp
NC_000014.9 77266280 rs28909969 AAAAAA AAAAA . . RS=rs28909969;Source=dbsnp
NC_000014.9 77266775 rs28909968 TTTTTT TTTTT,TTTTTTT . . RS=rs28909968;Source=dbsnp
NC_000014.9 77268237 rs3783988 T A,C,G . . RS=rs3783988;Source=dbsnp
NC_000014.9 77269450 rs10133981 G T . . RS=rs10133981;Source=dbsnp
NC_000014.9 77269549 rs7149300 G C . . RS=rs7149300;Source=dbsnp
NC_000014.9 77270745 rs4903565 G A,C,T . . RS=rs4903565;Source=dbsnp
NC_000014.9 77270997 rs28988618 C A . . RS=rs28988618;Source=dbsnp
NC_000014.9 77276586 rs7159558 C T . . RS=rs7159558;Source=dbsnp
NC_000014.9 77277386 rs267606967 C G . . RS=rs267606967;Source=dbsnp
NC_000014.9 77277387 rs267606964 A G . . RS=rs267606964;Source=dbsnp
NC_000014.9 77277452 rs267606969 C T . . RS=rs267606969;Source=dbsnp
NC_000014.9 77277454 rs116434191 G A,T . . RS=rs116434191;Source=dbsnp
NC_000014.9 77277499 rs138488805 T C . . RS=rs138488805;Source=dbsnp
NC_000014.9 77278455 rs76700503 G A,T . . RS=rs76700503;Source=dbsnp
NC_000014.9 77278456 rs398124263 C A,T . . RS=rs398124263;Source=dbsnp
NC_000014.9 77278764 rs200198778 T C . . RS=rs200198778;Source=dbsnp
NC_000014.9 77278820 rs267606963 C T . . RS=rs267606963;Source=dbsnp
NC_000014.9 77278849 rs119463989 G A,T . . RS=rs119463989;Source=dbsnp
```

```
NC_000014.9 77278850 rs3209079 A C,G . . RS=rs3209079;Source=dbsnp
NC_000014.9 77278858 rs142299878 C T . . RS=rs142299878;Source=dbsnp
NC_000014.9 77278866 rs398124262 A G . . RS=rs398124262;Source=dbsnp
NC_000014.9 77279774 rs61990292 G A . . RS=rs61990292;Source=dbsnp
NC_000014.9 77279967 rs438931 G A,T . . RS=rs438931;Source=dbsnp
NC_000014.9 77280469 rs4540995 T C,G . . RS=rs4540995;Source=dbsnp
NC_000014.9 77280504 rs71413457 C G . . RS=rs71413457;Source=dbsnp
NC_000014.9 77280680 rs2098380 T C . . RS=rs2098380;Source=dbsnp
NC_000014.9 77281968 rs972725 A G,T . . RS=rs972725;Source=dbsnp
NC_000014.9 77283714 rs2216089 T A,G . . RS=rs2216089;Source=dbsnp
NC_000014.9 77283759 rs142649005 C T . . RS=rs142649005;Source=dbsnp
NC_000014.9 77283847 rs786205625 TG T . . RS=rs786205625;Source=dbsnp
NC_000014.9 77283874 rs797045898 CTAGG TCA . . RS=rs797045898;Source=dbsnp
NC_000014.9 77284989 rs117173425 T C . . RS=rs117173425;Source=dbsnp
NC_000014.9 77285520 rs267606968 C A,T . . RS=rs267606968;Source=dbsnp
NC_000014.9 77285548 rs368817785 G A . . RS=rs368817785;Source=dbsnp
NC_000014.9 77285557 rs886038599 G A . . RS=rs886038599;Source=dbsnp
NC_000014.9 77285561 rs150491326 T C . . RS=rs150491326;Source=dbsnp
NC_000014.9 77285582 rs2270419 C A,G,T . . RS=rs2270419;Source=dbsnp
NC_000014.9 77285602 rs398124261 G A,T . . RS=rs398124261;Source=dbsnp
NC_000014.9 77286731 rs142916824 G A . . RS=rs142916824;Source=dbsnp
NC_000014.9 77286815 rs587777815 GGG GG . . RS=rs587777815;Source=dbsnp
NC_000014.9 77286815 rs727502855 G A,C . . RS=rs727502855;Source=dbsnp
NC_000014.9 77288187 rs2058916 A G . . RS=rs2058916;Source=dbsnp
NC_000014.9 77288765 rs147268052 T C . . RS=rs147268052;Source=dbsnp
NC_000014.9 77288777 rs190285831 C G,T . . RS=rs190285831;Source=dbsnp
NC_000014.9 77288878 rs2287387 T A,G . . RS=rs2287387;Source=dbsnp
NC_000014.9 77291300 rs80099135 T C . . RS=rs80099135;Source=dbsnp
NC_000014.9 77291326 rs764210532 TAT T . . RS=rs764210532;Source=dbsnp
NC_000014.9 77291380 rs267606965 C A . . RS=rs267606965;Source=dbsnp
NC_000014.9 77291400 rs7153929 G A . . RS=rs7153929;Source=dbsnp
NC_000014.9 77295921 rs11627257 A C,G . . RS=rs11627257;Source=dbsnp
NC_000014.9 77296129 rs2302831 T C . . RS=rs2302831;Source=dbsnp
NC_000014.9 77296174 rs398124260 C T . . RS=rs398124260;Source=dbsnp
NC_000014.9 77296223 rs267606970 C A,T . . RS=rs267606970;Source=dbsnp
NC_000014.9 77296305 rs79509556 C T . . RS=rs79509556;Source=dbsnp
NC_000014.9 77296529 rs3783986 C T . . RS=rs3783986;Source=dbsnp
NC_000014.9 77298349 rs17105685 C T . . RS=rs17105685;Source=dbsnp
NC_000014.9 77298684 rs587780422 C T . . RS=rs587780422;Source=dbsnp
NC_000014.9 77298688 rs533916138 C T . . RS=rs533916138;Source=dbsnp
NC_000014.9 77298773 rs886044256 T C,G . . RS=rs886044256;Source=dbsnp
NC_000014.9 77298781 rs142122657 G A . . RS=rs142122657;Source=dbsnp
NC_000014.9 77299497 rs587780423 T C . . RS=rs587780423;Source=dbsnp
NC_000014.9 77299507 rs764015186 G C . . RS=rs764015186;Source=dbsnp
NC_000014.9 77299579 rs200104520 C T . . RS=rs200104520;Source=dbsnp
NC_000014.9 77301169 rs267606966 C T . . RS=rs267606966;Source=dbsnp
NC_000014.9 77301228 rs755660222 CC C . . RS=rs755660222;Source=dbsnp
NC_000014.9 77302862 rs369654108 A G . . RS=rs369654108;Source=dbsnp
```

```
NC_000014.9 77302898 rs267606972 A T . . RS=rs267606972;Source=dbsnp
NC_000014.9 77302932 rs398124265 G A . . RS=rs398124265;Source=dbsnp
NC_000014.9 77302940 rs267606971 G A . . RS=rs267606971;Source=dbsnp
NC_000014.9 77303563 rs8015231 T G . . RS=rs8015231;Source=dbsnp
NC_000014.9 77304845 rs146792467 G A . . RS=rs146792467;Source=dbsnp
NC_000014.9 77306049 rs12433986 C G . . RS=rs12433986;Source=dbsnp
NC_000014.9 77306344 rs1060499766 A C . . RS=rs1060499766;Source=dbsnp
NC_000014.9 77306486 rs66502123 A G . . RS=rs66502123;Source=dbsnp
NC_000014.9 77310158 rs4899650 T A,C,G . . RS=rs4899650;Source=dbsnp
NC_000014.9 77311962 rs398124264 G A . . RS=rs398124264;Source=dbsnp
NC_000014.9 77311989 rs368034790 T C,G . . RS=rs368034790;Source=dbsnp
NC_000014.9 77312990 rs2363640 T C . . RS=rs2363640;Source=dbsnp
NC_000014.9 77320032 rs7160195 G A,C . . RS=rs7160195;Source=dbsnp
NC_000014.9 77320429 rs587777816 C G . . RS=rs587777816;Source=dbsnp
NC_000014.9 77320450 rs151103906 C A,G . . RS=rs151103906;Source=dbsnp
NC_000014.9 77320520 rs2270420 C A,G . . RS=rs2270420;Source=dbsnp
NC_000014.9 77320521 rs8177536 G A,T . . RS=rs8177536;Source=dbsnp
NC_000014.9 77320534 rs550420394 G A,C . . RS=rs550420394;Source=dbsnp
NC_000014.9 77320745 rs2270421 C T . . RS=rs2270421;Source=dbsnp
NC_000014.9 77322254 rs2111699 A C,G,T . . RS=rs2111699;Source=dbsnp
NC_000014.9 77322445 rs8177544 C T . . RS=rs8177544;Source=dbsnp
NC_000014.9 77324529 rs8016187 T A,C . . RS=rs8016187;Source=dbsnp
NC_000014.9 77325176 rs2287395 A G . . RS=rs2287395;Source=dbsnp
NC_000014.9 77325697 rs8004558 C T . . RS=rs8004558;Source=dbsnp
NC_000014.9 77326481 rs2270422 G C,T . . RS=rs2270422;Source=dbsnp
NC_000014.9 77326826 rs776678047 G A,T . . RS=rs776678047;Source=dbsnp
NC_000014.9 77326864 rs7975 G A,C,T . . RS=rs7975;Source=dbsnp
NC_000014.9 77326894 rs7972 G A . . RS=rs7972;Source=dbsnp
NC_000014.9 77327144 rs1468951 C A . . RS=rs1468951;Source=dbsnp
NC_000014.9 77327849 rs2287396 C G,T . . RS=rs2287396;Source=dbsnp
NC_000014.9 77327940 rs1046428 T A,C . . RS=rs1046428;Source=dbsnp
NC_000014.9 77327954 rs747265163 C A,T . . RS=rs747265163;Source=dbsnp
NC_000014.9 77327990 rs140540096 G A . . RS=rs140540096;Source=dbsnp
NC_000014.9 77328554 rs8177565 G A . . RS=rs8177565;Source=dbsnp
NC_000014.9 77329325 rs8177569 A C . . RS=rs8177569;Source=dbsnp
NC_000014.9 77329782 rs199552988 C T . . RS=rs199552988;Source=dbsnp
NC_000014.9 77330415 rs8177573 C T . . RS=rs8177573;Source=dbsnp
NC_000014.9 77330568 rs2287397 T A . . RS=rs2287397;Source=dbsnp
NC_000014.9 77342976 rs2287398 A C,G,T . . RS=rs2287398;Source=dbsnp
NC_000014.9 77352904 rs17105732 G A . . RS=rs17105732;Source=dbsnp
NC_000014.9 77354043 rs11850308 A G . . RS=rs11850308;Source=dbsnp
NC_000014.9 77366739 rs1544708 C A,T . . RS=rs1544708;Source=dbsnp
NC_000014.9 77378778 rs2193595 A G . . RS=rs2193595;Source=dbsnp
NC_000014.9 77396520 rs8012548 A G,T . . RS=rs8012548;Source=dbsnp
NC_000014.9 77428509 rs113067724 C G,T . . RS=rs113067724;Source=dbsnp
NC_000014.9 77429693 rs188105111 A G . . RS=rs188105111;Source=dbsnp
NC_000014.9 77433822 rs34835605 C T . . RS=rs34835605;Source=dbsnp
NC_000014.9 77433829 rs146288421 G C . . RS=rs146288421;Source=dbsnp
```

```
NC_000014.9 77435885 rs267607171 G A . . RS=rs267607171;Source=dbsnp
NC_000014.9 77435895 rs148698913 G A . . RS=rs148698913;Source=dbsnp
NC_000014.9 77435962 rs886038667 A C,G . . RS=rs886038667;Source=dbsnp
NC_000014.9 77437793 rs142958086 T C . . RS=rs142958086;Source=dbsnp
NC_000014.9 77441075 rs794726653 TTCTGTTCT TTCT . . RS=rs794726653;Source=dbsnp
NC_000014.9 77441138 rs76396354 T C . . RS=rs76396354;Source=dbsnp
NC_000014.9 77442636 rs200370925 G A . . RS=rs200370925;Source=dbsnp
NC_000014.9 77443177 rs112062894 G A . . RS=rs112062894;Source=dbsnp
NC_000014.9 77444311 rs267607173 G A . . RS=rs267607173;Source=dbsnp
NC_000014.9 77451296 rs17105802 G A . . RS=rs17105802;Source=dbsnp
NC_000014.9 77453359 rs148360332 C T . . RS=rs148360332;Source=dbsnp
NC_000014.9 77453447 rs76683141 C A . . RS=rs76683141;Source=dbsnp
NC_000014.9 77454101 rs267607172 A C . . RS=rs267607172;Source=dbsnp
NC_000014.9 77468244 rs3825694 T C . . RS=rs3825694;Source=dbsnp
NC_000014.9 77518097 rs267607091 T A . . RS=rs267607091;Source=dbsnp
NC_000014.9 77555331 rs267607089 C A . . RS=rs267607089;Source=dbsnp
NC_000014.9 77555401 rs267607090 C T . . RS=rs267607090;Source=dbsnp
NC_000014.9 77576854 rs864621998 C G . . RS=rs864621998;Source=dbsnp
NC_000014.9 77613052 rs176903 A G,T . . RS=rs176903;Source=dbsnp
NC_000014.9 77674012 rs6494 T A,C . . RS=rs6494;Source=dbsnp
NC_000014.9 77697080 rs2284235 T C . . RS=rs2284235;Source=dbsnp
NC_000014.9 77754635 rs1477261 A G,T . . RS=rs1477261;Source=dbsnp
NC_000014.9 77763816 rs3759728 A C,G,T . . RS=rs3759728;Source=dbsnp
NC_000014.9 77823384 rs11159291 C A,G . . RS=rs11159291;Source=dbsnp
NC_000014.9 77858227 rs9323656 T C . . RS=rs9323656;Source=dbsnp
NC_000014.9 77902047 rs2364747 A G,T . . RS=rs2364747;Source=dbsnp
NC_000014.9 77904112 rs12590199 A G,T . . RS=rs12590199;Source=dbsnp
NC_000014.9 77905060 rs56240334 A G . . RS=rs56240334;Source=dbsnp
NC_000014.9 77907829 rs34272020 C T . . RS=rs34272020;Source=dbsnp
NC_000014.9 77914190 rs56374507 T G . . RS=rs56374507;Source=dbsnp
NC_000014.9 77914212 rs10147707 C T . . RS=rs10147707;Source=dbsnp
NC_000014.9 77931105 rs2287652 A G,T . . RS=rs2287652;Source=dbsnp
NC_000014.9 78006387 rs12881440 C T . . RS=rs12881440;Source=dbsnp
NC_000014.9 78041455 rs2111701 T C . . RS=rs2111701;Source=dbsnp
NC_000014.9 78046795 rs4020123 A C,G,T . . RS=rs4020123;Source=dbsnp
NC_000014.9 78050017 rs4903696 C A,G,T . . RS=rs4903696;Source=dbsnp
NC_000014.9 78055500 rs11159318 C T . . RS=rs11159318;Source=dbsnp
NC_000014.9 78063343 rs177216 G A,C . . RS=rs177216;Source=dbsnp
NC_000014.9 78068563 rs3850370 G C,T . . RS=rs3850370;Source=dbsnp
NC_000014.9 78090121 rs809 C T . . RS=rs809;Source=dbsnp
NC_000014.9 78091162 rs10483889 T G . . RS=rs10483889;Source=dbsnp
NC_000014.9 78140481 rs888412 A C,G . . RS=rs888412;Source=dbsnp
NC_000014.9 78149250 rs4903712 T C . . RS=rs4903712;Source=dbsnp
NC_000014.9 78156180 rs17754467 A G . . RS=rs17754467;Source=dbsnp
NC_000014.9 78231213 rs983795 G A . . RS=rs983795;Source=dbsnp
NC_000014.9 78308963 rs7155434 A C . . RS=rs7155434;Source=dbsnp
NC_000014.9 78319734 rs11624704 A C . . RS=rs11624704;Source=dbsnp
NC_000014.9 78319816 rs6574433 A G . . RS=rs6574433;Source=dbsnp
```

```
NC_000014.9 78336687 rs214003 G A,C . . RS=rs214003;Source=dbsnp
NC_000014.9 78365884 rs12887245 G A,C . . RS=rs12887245;Source=dbsnp
NC_000014.9 78396376 rs2192420 A C,G,T . . RS=rs2192420;Source=dbsnp
NC_000014.9 78403131 rs917906 C G,T . . RS=rs917906;Source=dbsnp
NC_000014.9 78410450 rs76044648 G C . . RS=rs76044648;Source=dbsnp
NC_000014.9 78471334 rs7157669 C A . . RS=rs7157669;Source=dbsnp
NC_000014.9 78476555 rs724373 T A,C . . RS=rs724373;Source=dbsnp
NC_000014.9 78545001 rs10144398 A G,T . . RS=rs10144398;Source=dbsnp
NC_000014.9 78567834 rs7157915 A C . . RS=rs7157915;Source=dbsnp
NC_000014.9 78576222 rs8017049 T C . . RS=rs8017049;Source=dbsnp
NC_000014.9 78703485 rs12880418 A G,T . . RS=rs12880418;Source=dbsnp
NC_000014.9 78714883 rs1004212 C G,T . . RS=rs1004212;Source=dbsnp
NC_000014.9 78730206 rs11159379 C G,T . . RS=rs11159379;Source=dbsnp
NC_000014.9 78730897 rs10130530 G A . . RS=rs10130530;Source=dbsnp
NC_000014.9 78739276 rs10151731 T G . . RS=rs10151731;Source=dbsnp
NC_000014.9 78749467 rs725693 T A,G . . RS=rs725693;Source=dbsnp
NC_000014.9 78759493 rs7154021 T C . . RS=rs7154021;Source=dbsnp
NC_000014.9 78760533 rs8020920 G A,C . . RS=rs8020920;Source=dbsnp
NC_000014.9 78764182 rs8012678 A G . . RS=rs8012678;Source=dbsnp
NC_000014.9 78771006 rs8011930 A C . . RS=rs8011930;Source=dbsnp
NC_000014.9 78777702 rs987644 A C,G . . RS=rs987644;Source=dbsnp
NC_000014.9 78783801 rs7142344 C A,T . . RS=rs7142344;Source=dbsnp
NC_000014.9 78856303 rs10483917 G A . . RS=rs10483917;Source=dbsnp
NC_000014.9 78858510 rs4899727 A G . . RS=rs4899727;Source=dbsnp
NC_000014.9 78890272 rs31393 A G . . RS=rs31393;Source=dbsnp
NC_000014.9 78921999 rs17757879 C T . . RS=rs17757879;Source=dbsnp
NC_000014.9 79033282 rs2202167 C A . . RS=rs2202167;Source=dbsnp
NC_000014.9 79033507 rs10146527 T C . . RS=rs10146527;Source=dbsnp
NC_000014.9 79093215 rs2221299 A C,G,T . . RS=rs2221299;Source=dbsnp
NC_000014.9 79132931 rs6574495 T A,C . . RS=rs6574495;Source=dbsnp
NC_000014.9 79157374 rs12891137 C A,G,T . . RS=rs12891137;Source=dbsnp
NC_000014.9 79158149 rs1531631 T C . . RS=rs1531631;Source=dbsnp
NC_000014.9 79169668 rs1531634 C G,T . . RS=rs1531634;Source=dbsnp
NC_000014.9 79170051 rs766024 A C,G,T . . RS=rs766024;Source=dbsnp
NC_000014.9 79171166 rs17510215 G A . . RS=rs17510215;Source=dbsnp
NC_000014.9 79188669 rs8006322 G A . . RS=rs8006322;Source=dbsnp
NC_000014.9 79199342 rs17108944 G A . . RS=rs17108944;Source=dbsnp
NC_000014.9 79252119 rs76191705 A G . . RS=rs76191705;Source=dbsnp
NC_000014.9 79380895 rs12882679 G A . . RS=rs12882679;Source=dbsnp
NC_000014.9 79417482 rs2217887 T C . . RS=rs2217887;Source=dbsnp
NC_000014.9 79433111 rs7141420 C G,T . . RS=rs7141420;Source=dbsnp
NC_000014.9 79470621 rs10150332 T C . . RS=rs10150332;Source=dbsnp
NC_000014.9 79473182 rs10145154 C T . . RS=rs10145154;Source=dbsnp
NC_000014.9 79473650 rs17109256 G A . . RS=rs17109256;Source=dbsnp
NC_000014.9 79474040 rs7144011 G T . . RS=rs7144011;Source=dbsnp
NC_000014.9 79478819 rs10146997 A G . . RS=rs10146997;Source=dbsnp
NC_000014.9 79503902 rs2043585 G T . . RS=rs2043585;Source=dbsnp
NC_000014.9 79517562 rs9671249 T C . . RS=rs9671249;Source=dbsnp
```

```
NC_000014.9 79518375 rs10083466 C A . . RS=rs10083466;Source=dbsnp
NC_000014.9 79521446 rs10130369 C G,T . . RS=rs10130369;Source=dbsnp
NC_000014.9 79531661 rs1424850 A T . . RS=rs1424850;Source=dbsnp
NC_000014.9 79575283 rs221417 C A,G,T . . RS=rs221417;Source=dbsnp
NC_000014.9 79583195 rs221420 C A,G,T . . RS=rs221420;Source=dbsnp
NC_000014.9 79592678 rs221424 A G,T . . RS=rs221424;Source=dbsnp
NC_000014.9 79601778 rs221430 T A,C . . RS=rs221430;Source=dbsnp
NC_000014.9 79603584 rs170249 C A,T . . RS=rs170249;Source=dbsnp
NC_000014.9 79622137 rs221497 G A . . RS=rs221497;Source=dbsnp
NC_000014.9 79624752 rs221493 G T . . RS=rs221493;Source=dbsnp
NC_000014.9 79638273 rs221473 A T . . RS=rs221473;Source=dbsnp
NC_000014.9 79664720 rs17836262 C G . . RS=rs17836262;Source=dbsnp
NC_000014.9 79668288 rs9323675 G A,C . . RS=rs9323675;Source=dbsnp
NC_000014.9 79691453 rs2160919 G A . . RS=rs2160919;Source=dbsnp
NC_000014.9 79693008 rs17109772 T C . . RS=rs17109772;Source=dbsnp
NC_000014.9 79696096 rs12147956 T C . . RS=rs12147956;Source=dbsnp
NC_000014.9 79707892 rs1861957 C A,T . . RS=rs1861957;Source=dbsnp
NC_000014.9 79775873 rs17764668 A G . . RS=rs17764668;Source=dbsnp
NC_000014.9 79840587 rs760288 C T . . RS=rs760288;Source=dbsnp
NC_000014.9 79847994 rs2067730 T G . . RS=rs2067730;Source=dbsnp
NC_000014.9 79849968 rs17109935 T C . . RS=rs17109935;Source=dbsnp
NC_000014.9 79851117 rs2293839 G A,C . . RS=rs2293839;Source=dbsnp
NC_000014.9 79854240 rs8019381 T C . . RS=rs8019381;Source=dbsnp
NC_000014.9 79860739 rs2293847 T C . . RS=rs2293847;Source=dbsnp
NC_000014.9 79863789 rs12879016 G C,T . . RS=rs12879016;Source=dbsnp
NC_000014.9 79916682 rs1534837 G A . . RS=rs1534837;Source=dbsnp
NC_000014.9 79943135 rs10135446 G T . . RS=rs10135446;Source=dbsnp
NC_000014.9 79944098 rs8010717 T C . . RS=rs8010717;Source=dbsnp
NC_000014.9 80084766 rs10483943 A G . . RS=rs10483943;Source=dbsnp
NC_000014.9 80086896 rs757645 G A . . RS=rs757645;Source=dbsnp
NC_000014.9 80087291 rs759512 C T . . RS=rs759512;Source=dbsnp
NC_000014.9 80100388 rs1352815 C A,T . . RS=rs1352815;Source=dbsnp
NC_000014.9 80118358 rs1388382 G A,C,T . . RS=rs1388382;Source=dbsnp
NC_000014.9 80152832 rs9919906 T C . . RS=rs9919906;Source=dbsnp
NC_000014.9 80169504 rs54566 G C,T . . RS=rs54566;Source=dbsnp
NC_000014.9 80191639 rs225022 T A,C . . RS=rs225022;Source=dbsnp
NC_000014.9 80197613 rs225019 T C . . RS=rs225019;Source=dbsnp
NC_000014.9 80198990 rs17110436 C T . . RS=rs17110436;Source=dbsnp
NC_000014.9 80200883 rs225017 A C,G,T . . RS=rs225017;Source=dbsnp
NC_000014.9 80201236 rs225015 G A . . RS=rs225015;Source=dbsnp
NC_000014.9 80201758 rs6574549 T G . . RS=rs6574549;Source=dbsnp
NC_000014.9 80203237 rs225014 T C . . RS=rs225014;Source=dbsnp
NC_000014.9 80203586 rs225013 T A,C,G . . RS=rs225013;Source=dbsnp
NC_000014.9 80204392 rs225012 A C,G,T . . RS=rs225012;Source=dbsnp
NC_000014.9 80205865 rs225011 T A,C,G . . RS=rs225011;Source=dbsnp
NC_000014.9 80205936 rs225010 C T . . RS=rs225010;Source=dbsnp
NC_000014.9 80207330 rs2267872 G A,T . . RS=rs2267872;Source=dbsnp
NC_000014.9 80207471 rs2267873 A G . . RS=rs2267873;Source=dbsnp
```

```
NC_000014.9 80208629 rs1388378 G A,T . . RS=rs1388378;Source=dbsnp
NC_000014.9 80211923 rs12885300 C A,G,T . . RS=rs12885300;Source=dbsnp
NC_000014.9 80218361 rs224995 C G,T . . RS=rs224995;Source=dbsnp
NC_000014.9 80308042 rs10131076 G A . . RS=rs10131076;Source=dbsnp
NC_000014.9 80338614 rs10483948 T A,C,G . . RS=rs10483948;Source=dbsnp
NC_000014.9 80559178 rs1530771 C A . . RS=rs1530771;Source=dbsnp
NC_000014.9 80578270 rs12434405 T C . . RS=rs12434405;Source=dbsnp
NC_000014.9 80581630 rs1868629 C G,T . . RS=rs1868629;Source=dbsnp
NC_000014.9 80585009 rs17110818 T A,G . . RS=rs17110818;Source=dbsnp
NC_000014.9 80617102 rs5810000 AA A . . RS=rs5810000;Source=dbsnp
NC_000014.9 80619008 rs8003492 C T . . RS=rs8003492;Source=dbsnp
NC_000014.9 80703126 rs8019534 C A,T . . RS=rs8019534;Source=dbsnp
NC_000014.9 80784911 rs327463 T C,G . . RS=rs327463;Source=dbsnp
NC_000014.9 80794033 rs162171 A C,G,T . . RS=rs162171;Source=dbsnp
NC_000014.9 80939997 rs17111237 A G . . RS=rs17111237;Source=dbsnp
NC_000014.9 80948403 rs10146516 G A . . RS=rs10146516;Source=dbsnp
NC_000014.9 80949456 rs10149689 A G . . RS=rs10149689;Source=dbsnp
NC_000014.9 80949720 rs12050077 G A . . RS=rs12050077;Source=dbsnp
NC_000014.9 80954430 rs2371462 T A,C . . RS=rs2371462;Source=dbsnp
NC_000014.9 80955786 rs61747482 G C . . RS=rs61747482;Source=dbsnp
NC_000014.9 80955802 rs121908869 G C . . RS=rs121908869;Source=dbsnp
NC_000014.9 80955825 rs147137913 A G . . RS=rs147137913;Source=dbsnp
NC_000014.9 80955834 rs2234919 C A,G . . RS=rs2234919;Source=dbsnp
NC_000014.9 80955913 rs2239610 G C . . RS=rs2239610;Source=dbsnp
NC_000014.9 80957774 rs2268451 T G . . RS=rs2268451;Source=dbsnp
NC_000014.9 80962220 rs179243 T A,C,G . . RS=rs179243;Source=dbsnp
NC_000014.9 80964501 rs2284716 A C,G,T . . RS=rs2284716;Source=dbsnp
NC_000014.9 80966202 rs179247 A G . . RS=rs179247;Source=dbsnp
NC_000014.9 80978023 rs2284722 G A,C,T . . RS=rs2284722;Source=dbsnp
NC_000014.9 80978764 rs4411444 A C,G . . RS=rs4411444;Source=dbsnp
NC_000014.9 80978777 rs1035144 C A,G,T . . RS=rs1035144;Source=dbsnp
NC_000014.9 80981938 rs3783950 C A,G . . RS=rs3783950;Source=dbsnp
NC_000014.9 80982038 rs3783949 T C,G . . RS=rs3783949;Source=dbsnp
NC_000014.9 80982167 rs4903957 G A . . RS=rs4903957;Source=dbsnp
NC_000014.9 80983019 rs3783948 G A,C . . RS=rs3783948;Source=dbsnp
NC_000014.9 80984708 rs12101255 C T . . RS=rs12101255;Source=dbsnp
NC_000014.9 80984885 rs12101261 C T . . RS=rs12101261;Source=dbsnp
NC_000014.9 80992418 rs2300519 T A . . RS=rs2300519;Source=dbsnp
NC_000014.9 80996305 rs4903961 C G . . RS=rs4903961;Source=dbsnp
NC_000014.9 80996551 rs2268458 T C . . RS=rs2268458;Source=dbsnp
NC_000014.9 81002610 rs4903964 G A,C,T . . RS=rs4903964;Source=dbsnp
NC_000014.9 81004311 rs917986 C A,G . . RS=rs917986;Source=dbsnp
NC_000014.9 81031049 rs2300525 T C . . RS=rs2300525;Source=dbsnp
NC_000014.9 81056784 rs17111394 T C . . RS=rs17111394;Source=dbsnp
NC_000014.9 81058063 rs2268474 T C . . RS=rs2268474;Source=dbsnp
NC_000014.9 81062179 rs142063461 C T . . RS=rs142063461;Source=dbsnp
NC_000014.9 81087389 rs2284734 G A,C . . RS=rs2284734;Source=dbsnp
NC_000014.9 81087442 rs2284735 A G,T . . RS=rs2284735;Source=dbsnp
```

```
NC_000014.9 81087962 rs121908865 G A . . RS=rs121908865;Source=dbsnp
NC_000014.9 81087993 rs144084915 T A . . RS=rs144084915;Source=dbsnp
NC_000014.9 81088273 rs2075173 A G . . RS=rs2075173;Source=dbsnp
NC_000014.9 81091070 rs760874290 G C . . RS=rs760874290;Source=dbsnp
NC_000014.9 81092547 rs121908863 C A,G,T . . RS=rs121908863;Source=dbsnp
NC_000014.9 81092563 rs121908862 T A . . RS=rs121908862;Source=dbsnp
NC_000014.9 81092608 rs786204790 TGTG TG . . RS=rs786204790;Source=dbsnp
NC_000014.9 81092611 rs786205080 G C . . RS=rs786205080;Source=dbsnp
NC_000014.9 81092621 rs2241119 A G . . RS=rs2241119;Source=dbsnp
NC_000014.9 81096641 rs121908879 A G . . RS=rs121908879;Source=dbsnp
NC_000014.9 81096654 rs2075179 T A,C . . RS=rs2075179;Source=dbsnp
NC_000014.9 81103334 rs1017141 G A,C,T . . RS=rs1017141;Source=dbsnp
NC_000014.9 81108085 rs12885526 G A,T . . RS=rs12885526;Source=dbsnp
NC_000014.9 81108356 rs397972226 TTT T . . RS=rs397972226;Source=dbsnp
NC_000014.9 81108501 rs28636074 T C . . RS=rs28636074;Source=dbsnp
NC_000014.9 81108606 rs587778743 GTA TTT . . RS=rs587778743;Source=dbsnp
NC_000014.9 81108661 rs3783941 C A,G,T . . RS=rs3783941;Source=dbsnp
NC_000014.9 81109110 rs8017455 T C . . RS=rs8017455;Source=dbsnp
NC_000014.9 81125410 rs7158881 T A,C . . RS=rs7158881;Source=dbsnp
NC_000014.9 81128036 rs3783938 C T . . RS=rs3783938;Source=dbsnp
NC_000014.9 81139683 rs144127341 G A . . RS=rs144127341;Source=dbsnp
NC_000014.9 81139719 rs189506473 G A . . RS=rs189506473;Source=dbsnp
NC_000014.9 81139828 rs121908873 G A,T . . RS=rs121908873;Source=dbsnp
NC_000014.9 81142986 rs121908882 C A,T . . RS=rs121908882;Source=dbsnp
NC_000014.9 81142987 rs139286618 G A,T . . RS=rs139286618;Source=dbsnp
NC_000014.9 81143028 rs121908867 C T . . RS=rs121908867;Source=dbsnp
NC_000014.9 81143091 rs376188008 G A . . RS=rs376188008;Source=dbsnp
NC_000014.9 81143228 rs121908871 T G . . RS=rs121908871;Source=dbsnp
NC_000014.9 81143286 rs121908868 G A . . RS=rs121908868;Source=dbsnp
NC_000014.9 81143328 rs587778742 G A,T . . RS=rs587778742;Source=dbsnp
NC_000014.9 81143349 rs121908883 G A . . RS=rs121908883;Source=dbsnp
NC_000014.9 81143400 rs201889708 G A . . RS=rs201889708;Source=dbsnp
NC_000014.9 81143407 rs189261858 G A,T . . RS=rs189261858;Source=dbsnp
NC_000014.9 81143416 rs121908864 T C,G . . RS=rs121908864;Source=dbsnp
NC_000014.9 81143435 rs113951800 G A,T . . RS=rs113951800;Source=dbsnp
NC_000014.9 81143458 rs121908885 T C . . RS=rs121908885;Source=dbsnp
NC_000014.9 81143488 rs121908881 C T . . RS=rs121908881;Source=dbsnp
NC_000014.9 81143572 rs121908876 G A . . RS=rs121908876;Source=dbsnp
NC_000014.9 81143584 rs121908874 T C . . RS=rs121908874;Source=dbsnp
NC_000014.9 81143633 rs121908870 C A . . RS=rs121908870;Source=dbsnp
NC_000014.9 81143658 rs150602845 C A,T . . RS=rs150602845;Source=dbsnp
NC_000014.9 81143695 rs121908866 G A . . RS=rs121908866;Source=dbsnp
NC_000014.9 81143715 rs121908872 G A,T . . RS=rs121908872;Source=dbsnp
NC_000014.9 81143779 rs61742289 C G . . RS=rs61742289;Source=dbsnp
NC_000014.9 81143856 rs121908884 T C . . RS=rs121908884;Source=dbsnp
NC_000014.9 81143914 rs121908859 A G . . RS=rs121908859;Source=dbsnp
NC_000014.9 81143925 rs121908860 GC AT . . RS=rs121908860;Source=dbsnp
NC_000014.9 81143945 rs121908877 G A,T . . RS=rs121908877;Source=dbsnp
```

```
NC_000014.9 81143949 rs121908861 T C . . RS=rs121908861;Source=dbsnp
NC_000014.9 81143955 rs28937584 G A,C . . RS=rs28937584;Source=dbsnp
NC_000014.9 81143973 rs121908880 C T . . RS=rs121908880;Source=dbsnp
NC_000014.9 81143986 rs587778741 A G . . RS=rs587778741;Source=dbsnp
NC_000014.9 81144073 rs121908875 G A . . RS=rs121908875;Source=dbsnp
NC_000014.9 81144219 rs61745409 G A,T . . RS=rs61745409;Source=dbsnp
NC_000014.9 81144239 rs1991517 G C,T . . RS=rs1991517;Source=dbsnp
NC_000014.9 81144290 rs61743974 C G . . RS=rs61743974;Source=dbsnp
NC_000014.9 81144525 rs2268477 C A,G . . RS=rs2268477;Source=dbsnp
NC_000014.9 81144598 rs7144481 C T . . RS=rs7144481;Source=dbsnp
NC_000014.9 81144784 rs17630128 T C . . RS=rs17630128;Source=dbsnp
NC_000014.9 81145262 rs2288493 C T . . RS=rs2288493;Source=dbsnp
NC_000014.9 81145770 rs2288496 T C . . RS=rs2288496;Source=dbsnp
NC_000014.9 81203689 rs1864169 G C,T . . RS=rs1864169;Source=dbsnp
NC_000014.9 81270732 rs2241621 A C,T . . RS=rs2241621;Source=dbsnp
NC_000014.9 81278392 rs3813535 A C,G,T . . RS=rs3813535;Source=dbsnp
NC_000014.9 81280366 rs9323698 T C . . RS=rs9323698;Source=dbsnp
NC_000014.9 81297134 rs17111687 G A . . RS=rs17111687;Source=dbsnp
NC_000014.9 81348410 rs56223983 G T . . RS=rs56223983;Source=dbsnp
NC_000014.9 81433825 rs3853422 G A . . RS=rs3853422;Source=dbsnp
NC_000014.9 81506329 rs12435998 T C . . RS=rs12435998;Source=dbsnp
NC_000014.9 81627100 rs756019 C T . . RS=rs756019;Source=dbsnp
NC_000014.9 81638187 rs1957538 G C,T . . RS=rs1957538;Source=dbsnp
NC_000014.9 81658696 rs1958208 G A,C,T . . RS=rs1958208;Source=dbsnp
NC_000014.9 81705439 rs17650363 G A . . RS=rs17650363;Source=dbsnp
NC_000014.9 81706360 rs8007728 G A,C . . RS=rs8007728;Source=dbsnp
NC_000014.9 81823593 rs1571379 T C . . RS=rs1571379;Source=dbsnp
NC_000014.9 81950927 rs1953408 C A,G . . RS=rs1953408;Source=dbsnp
NC_000014.9 81964767 rs11159518 A G,T . . RS=rs11159518;Source=dbsnp
NC_000014.9 81972701 rs1198035 A G,T . . RS=rs1198035;Source=dbsnp
NC_000014.9 81976050 rs1210840 G A . . RS=rs1210840;Source=dbsnp
NC_000014.9 81977931 rs1198030 G A . . RS=rs1198030;Source=dbsnp
NC_000014.9 82048825 rs1769441 T A . . RS=rs1769441;Source=dbsnp
NC_000014.9 82119980 rs1652605 A C,G . . RS=rs1652605;Source=dbsnp
NC_000014.9 82171001 rs799032 G A . . RS=rs799032;Source=dbsnp
NC_000014.9 82183056 rs1958666 C A . . RS=rs1958666;Source=dbsnp
NC_000014.9 82251053 rs799099 A G . . RS=rs799099;Source=dbsnp
NC_000014.9 82484084 rs10483956 T C . . RS=rs10483956;Source=dbsnp
NC_000014.9 82563201 rs2372200 A C,G,T . . RS=rs2372200;Source=dbsnp
NC_000014.9 82704378 rs2150333 A G,T . . RS=rs2150333;Source=dbsnp
NC_000014.9 82739693 rs1242541 A G . . RS=rs1242541;Source=dbsnp
NC_000014.9 82746900 rs1242553 C A,G,T . . RS=rs1242553;Source=dbsnp
NC_000014.9 82802362 rs1964413 A C,T . . RS=rs1964413;Source=dbsnp
NC_000014.9 82838584 rs17669975 C T . . RS=rs17669975;Source=dbsnp
NC_000014.9 82856620 rs17117532 C A,T . . RS=rs17117532;Source=dbsnp
NC_000014.9 82904686 rs7156012 G T . . RS=rs7156012;Source=dbsnp
NC_000014.9 82954380 rs876287 T C . . RS=rs876287;Source=dbsnp
NC_000014.9 83001870 rs2022767 A G . . RS=rs2022767;Source=dbsnp
```

```
NC_000014.9 83065771 rs8013489 C T . . RS=rs8013489;Source=dbsnp
NC_000014.9 83312834 rs17118382 T C . . RS=rs17118382;Source=dbsnp
NC_000014.9 83407824 rs229844 G A,C,T . . RS=rs229844;Source=dbsnp
NC_000014.9 83429754 rs229765 T A,C,G . . RS=rs229765;Source=dbsnp
NC_000014.9 83448259 rs229811 G C . . RS=rs229811;Source=dbsnp
NC_000014.9 83714525 rs10873350 G A,C,T . . RS=rs10873350;Source=dbsnp
NC_000014.9 83718194 rs12587990 C A,G . . RS=rs12587990;Source=dbsnp
NC_000014.9 83931436 rs7158225 T C . . RS=rs7158225;Source=dbsnp
NC_000014.9 84179022 rs1779553 T C . . RS=rs1779553;Source=dbsnp
NC_000014.9 84197944 rs7141857 T C . . RS=rs7141857;Source=dbsnp
NC_000014.9 84200405 rs898939 C G,T . . RS=rs898939;Source=dbsnp
NC_000014.9 84308865 rs11159647 G A . . RS=rs11159647;Source=dbsnp
NC_000014.9 84450167 rs58694847 G C . . RS=rs58694847;Source=dbsnp
NC_000014.9 84729819 rs1481417 G A . . RS=rs1481417;Source=dbsnp
NC_000014.9 84743518 rs17120254 A T . . RS=rs17120254;Source=dbsnp
NC_000014.9 84869871 rs856675 T G . . RS=rs856675;Source=dbsnp
NC_000014.9 84892892 rs17737309 G A . . RS=rs17737309;Source=dbsnp
NC_000014.9 84941171 rs17120532 A C . . RS=rs17120532;Source=dbsnp
NC_000014.9 84958789 rs8007849 T C . . RS=rs8007849;Source=dbsnp
NC_000014.9 85070100 rs10220453 C T . . RS=rs10220453;Source=dbsnp
NC_000014.9 85151040 rs10132223 G T . . RS=rs10132223;Source=dbsnp
NC_000014.9 85187675 rs12436689 T C . . RS=rs12436689;Source=dbsnp
NC_000014.9 85363978 rs1080077 C G . . RS=rs1080077;Source=dbsnp
NC_000014.9 85388811 rs1885316 A C,G . . RS=rs1885316;Source=dbsnp
NC_000014.9 85482716 rs17709449 T C . . RS=rs17709449;Source=dbsnp
NC_000014.9 85498266 rs11628575 A G . . RS=rs11628575;Source=dbsnp
NC_000014.9 85503177 rs7144487 A G . . RS=rs7144487;Source=dbsnp
NC_000014.9 85507411 rs17709714 A C . . RS=rs17709714;Source=dbsnp
NC_000014.9 85510877 rs12897409 G A,C . . RS=rs12897409;Source=dbsnp
NC_000014.9 85513850 rs17636692 T C . . RS=rs17636692;Source=dbsnp
NC_000014.9 85518560 rs1884008 G A . . RS=rs1884008;Source=dbsnp
NC_000014.9 85521261 rs1884009 G A,C,T . . RS=rs1884009;Source=dbsnp
NC_000014.9 85546450 rs1955412 T C . . RS=rs1955412;Source=dbsnp
NC_000014.9 85551578 rs985620 A C,G,T . . RS=rs985620;Source=dbsnp
NC_000014.9 85553242 rs1955418 A C,G,T . . RS=rs1955418;Source=dbsnp
NC_000014.9 85553945 rs2057115 C G,T . . RS=rs2057115;Source=dbsnp
NC_000014.9 85558072 rs7148493 G A,T . . RS=rs7148493;Source=dbsnp
NC_000014.9 85713277 rs981270 G A . . RS=rs981270;Source=dbsnp
NC_000014.9 85744160 rs12050395 A G,T . . RS=rs12050395;Source=dbsnp
NC_000014.9 85754586 rs12879941 T G . . RS=rs12879941;Source=dbsnp
NC_000014.9 85866945 rs2888473 A T . . RS=rs2888473;Source=dbsnp
NC_000014.9 85947936 rs2373038 G A . . RS=rs2373038;Source=dbsnp
NC_000014.9 85954709 rs10130564 T C . . RS=rs10130564;Source=dbsnp
NC_000014.9 86308051 rs10133064 G T . . RS=rs10133064;Source=dbsnp
NC_000014.9 86382114 rs804963 A C,G,T . . RS=rs804963;Source=dbsnp
NC_000014.9 86428552 rs7151718 A T . . RS=rs7151718;Source=dbsnp
NC_000014.9 86462546 rs10484104 C T . . RS=rs10484104;Source=dbsnp
NC_000014.9 86463582 rs2022771 T C,G . . RS=rs2022771;Source=dbsnp
```

```
NC_000014.9 86562511 rs1289248 A C . . RS=rs1289248;Source=dbsnp
NC_000014.9 86584462 rs1959305 A C,G,T . . RS=rs1959305;Source=dbsnp
NC_000014.9 86648700 rs1074334 A G . . RS=rs1074334;Source=dbsnp
NC_000014.9 86672222 rs1959289 G A,T . . RS=rs1959289;Source=dbsnp
NC_000014.9 86672385 rs1959290 T C . . RS=rs1959290;Source=dbsnp
NC_000014.9 86672428 rs1959291 G C . . RS=rs1959291;Source=dbsnp
NC_000014.9 86706486 rs12885270 C G . . RS=rs12885270;Source=dbsnp
NC_000014.9 87039904 rs11624056 A T . . RS=rs11624056;Source=dbsnp
NC_000014.9 87045720 rs1769463 G A,C . . RS=rs1769463;Source=dbsnp
NC_000014.9 87060063 rs1978243 C G,T . . RS=rs1978243;Source=dbsnp
NC_000014.9 87160403 rs10513893 C T . . RS=rs10513893;Source=dbsnp
NC_000014.9 87405491 rs17741027 A G . . RS=rs17741027;Source=dbsnp
NC_000014.9 87702658 rs4899920 A C,G,T . . RS=rs4899920;Source=dbsnp
NC_000014.9 87829256 rs4322600 A C,G,T . . RS=rs4322600;Source=dbsnp
NC_000014.9 87884832 rs1012921 G A,C,T . . RS=rs1012921;Source=dbsnp
NC_000014.9 87934749 rs200607029 C T . . RS=rs200607029;Source=dbsnp
NC_000014.9 87934803 rs1060499761 A C . . RS=rs1060499761;Source=dbsnp
NC_000014.9 87934869 rs421262 T A,C . . RS=rs421262;Source=dbsnp
NC_000014.9 87934878 rs769851272 C T . . RS=rs769851272;Source=dbsnp
NC_000014.9 87939915 rs138577661 A G . . RS=rs138577661;Source=dbsnp
NC_000014.9 87939965 rs1057516433 CA C . . RS=rs1057516433;Source=dbsnp
NC_000014.9 87941390 rs448805 G C . . RS=rs448805;Source=dbsnp
NC_000014.9 87941433 rs387906953 A C . . RS=rs387906953;Source=dbsnp
NC_000014.9 87941529 rs752537626 T G . . RS=rs752537626;Source=dbsnp
NC_000014.9 87941531 rs421466 T A,C,G . . RS=rs421466;Source=dbsnp
NC_000014.9 87941544 rs398607 A G . . RS=rs398607;Source=dbsnp
NC_000014.9 87941573 rs12432149 G A,C,T . . RS=rs12432149;Source=dbsnp
NC_000014.9 87945493 rs366615 G A . . RS=rs366615;Source=dbsnp
NC_000014.9 87945534 rs141839955 T A,C,G . . RS=rs141839955;Source=dbsnp
NC_000014.9 87945566 rs748573754 C T . . RS=rs748573754;Source=dbsnp
NC_000014.9 87945591 rs9672064 A G . . RS=rs9672064;Source=dbsnp
NC_000014.9 87945593 rs387906952 C T . . RS=rs387906952;Source=dbsnp
NC_000014.9 87945603 rs367327 T C . . RS=rs367327;Source=dbsnp
NC_000014.9 87945631 rs200378205 C G,T . . RS=rs200378205;Source=dbsnp
NC_000014.9 87945632 rs749893889 G A . . RS=rs749893889;Source=dbsnp
NC_000014.9 87945637 rs200960659 G A,T . . RS=rs200960659;Source=dbsnp
NC_000014.9 87947745 rs771489305 TT T . . RS=rs771489305;Source=dbsnp
NC_000014.9 87947814 rs34134328 G A,C . . RS=rs34134328;Source=dbsnp
NC_000014.9 87947862 rs1057520151 C G,T . . RS=rs1057520151;Source=dbsnp
NC_000014.9 87947867 rs398076 G A . . RS=rs398076;Source=dbsnp
NC_000014.9 87949822 rs74076317 A G,T . . RS=rs74076317;Source=dbsnp
NC_000014.9 87949881 rs3213918 G A . . RS=rs3213918;Source=dbsnp
NC_000014.9 87950752 rs11300320 AAAAAAAAAAA AAAAAAAAA,AAAAAAAAAA,AAAAAAAAAAAA
. . RS=rs11300320;Source=dbsnp
NC_000014.9 87963346 rs17687109 A G . . RS=rs17687109;Source=dbsnp
NC_000014.9 87963382 rs398123175 A C . . RS=rs398123175;Source=dbsnp
NC_000014.9 87963392 rs121908010 C A . . RS=rs121908010;Source=dbsnp
NC_000014.9 87963473 rs74073730 G A,C . . RS=rs74073730;Source=dbsnp
```

```
NC_000014.9 87965526 rs1057516469 TC T . . RS=rs1057516469;Source=dbsnp
NC_000014.9 87965554 rs12888666 C G,T . . RS=rs12888666;Source=dbsnp
NC_000014.9 87965583 rs786204454 AA A . . RS=rs786204454;Source=dbsnp
NC_000014.9 87965585 rs387906954 G A,C . . RS=rs387906954;Source=dbsnp
NC_000014.9 87965586 rs1057516642 G C . . RS=rs1057516642;Source=dbsnp
NC_000014.9 87965625 rs74887188 T C . . RS=rs74887188;Source=dbsnp
NC_000014.9 87965639 rs398123178 T C . . RS=rs398123178;Source=dbsnp
NC_000014.9 87968334 rs750524447 C A,T . . RS=rs750524447;Source=dbsnp
NC_000014.9 87968335 rs756352952 G A . . RS=rs756352952;Source=dbsnp
NC_000014.9 87968381 rs398123177 A G . . RS=rs398123177;Source=dbsnp
NC_000014.9 87968386 rs199847983 C T . . RS=rs199847983;Source=dbsnp
NC_000014.9 87968393 rs377274761 C T . . RS=rs377274761;Source=dbsnp
NC_000014.9 87968411 rs886042645 T C,G . . RS=rs886042645;Source=dbsnp
NC_000014.9 87976368 rs34362748 C T . . RS=rs34362748;Source=dbsnp
NC_000014.9 87976451 rs199967869 C T . . RS=rs199967869;Source=dbsnp
NC_000014.9 87976452 rs766310671 G A . . RS=rs766310671;Source=dbsnp
NC_000014.9 87982181 rs45568734 A G . . RS=rs45568734;Source=dbsnp
NC_000014.9 87982227 rs786204618 G T . . RS=rs786204618;Source=dbsnp
NC_000014.9 87982249 rs398123176 A T . . RS=rs398123176;Source=dbsnp
NC_000014.9 87983503 rs17203398 G C,T . . RS=rs17203398;Source=dbsnp
NC_000014.9 87984426 rs1805078 G A . . RS=rs1805078;Source=dbsnp
NC_000014.9 87984443 rs968905231 C T . . RS=rs968905231;Source=dbsnp
NC_000014.9 87984487 rs761550284 C T . . RS=rs761550284;Source=dbsnp
NC_000014.9 87984545 rs886038261 A C . . RS=rs886038261;Source=dbsnp
NC_000014.9 87984563 rs886038262 G A . . RS=rs886038262;Source=dbsnp
NC_000014.9 87986534 rs56194647 A G . . RS=rs56194647;Source=dbsnp
NC_000014.9 87986543 rs374635469 C G,T . . RS=rs374635469;Source=dbsnp
NC_000014.9 87986582 rs145580093 T C,G . . RS=rs145580093;Source=dbsnp
NC_000014.9 87986597 rs147313927 T C,G . . RS=rs147313927;Source=dbsnp
NC_000014.9 87986600 rs756690487 C T . . RS=rs756690487;Source=dbsnp
NC_000014.9 87986601 rs11552556 G A,T . . RS=rs11552556;Source=dbsnp
NC_000014.9 87986637 rs77466023 C T . . RS=rs77466023;Source=dbsnp
NC_000014.9 87988125 rs74337989 A G,T . . RS=rs74337989;Source=dbsnp
NC_000014.9 87988347 rs2245387 C G,T . . RS=rs2245387;Source=dbsnp
NC_000014.9 87988523 rs1057518843 C T . . RS=rs1057518843;Source=dbsnp
NC_000014.9 87988566 rs2289511 G A . . RS=rs2289511;Source=dbsnp
NC_000014.9 87992951 rs189853941 C A,T . . RS=rs189853941;Source=dbsnp
NC_000014.9 87992970 rs886042057 C G . . RS=rs886042057;Source=dbsnp
NC_000014.9 87992996 rs11623 C A,G,T . . RS=rs11623;Source=dbsnp
NC_000014.9 87993044 rs387906955 C A,T . . RS=rs387906955;Source=dbsnp
NC_000014.9 87993090 rs111976362 G C,T . . RS=rs111976362;Source=dbsnp
NC_000014.9 87993104 rs111887056 C G . . RS=rs111887056;Source=dbsnp
NC_000014.9 87993123 rs112992946 C G,T . . RS=rs112992946;Source=dbsnp
NC_000014.9 87993147 rs886038260 G C . . RS=rs886038260;Source=dbsnp
NC_000014.9 87996644 rs7140285 C T . . RS=rs7140285;Source=dbsnp
NC_000014.9 88006251 rs8005161 C T . . RS=rs8005161;Source=dbsnp
NC_000014.9 88006268 rs8005172 C T . . RS=rs8005172;Source=dbsnp
NC_000014.9 88008109 rs68177277 A C . . RS=rs68177277;Source=dbsnp
```

```
NC_000014.9 88011069 rs6574978 C A,G,T . . RS=rs6574978;Source=dbsnp
NC_000014.9 88011538 rs3742704 A C . . RS=rs3742704;Source=dbsnp
NC_000014.9 88021345 rs2119704 C A . . RS=rs2119704;Source=dbsnp
NC_000014.9 88022477 rs11624293 T C . . RS=rs11624293;Source=dbsnp
NC_000014.9 88087524 rs4899940 A C,G . . RS=rs4899940;Source=dbsnp
NC_000014.9 88093648 rs6574988 T C . . RS=rs6574988;Source=dbsnp
NC_000014.9 88116253 rs10151730 G A . . RS=rs10151730;Source=dbsnp
NC_000014.9 88183410 rs379643 A G,T . . RS=rs379643;Source=dbsnp
NC_000014.9 88185618 rs17762463 C T . . RS=rs17762463;Source=dbsnp
NC_000014.9 88190477 rs17762565 T G . . RS=rs17762565;Source=dbsnp
NC_000014.9 88250263 rs10483995 A C,G . . RS=rs10483995;Source=dbsnp
NC_000014.9 88254564 rs2401756 G A,C . . RS=rs2401756;Source=dbsnp
NC_000014.9 88315939 rs17124500 T C,G . . RS=rs17124500;Source=dbsnp
NC_000014.9 88315997 rs34594869 T C . . RS=rs34594869;Source=dbsnp
NC_000014.9 88316058 rs17124504 C A . . RS=rs17124504;Source=dbsnp
NC_000014.9 88360338 rs17124581 T A,C . . RS=rs17124581;Source=dbsnp
NC_000014.9 88370087 rs845766 T A,C,G . . RS=rs845766;Source=dbsnp
NC_000014.9 88385822 rs4904448 G A,C . . RS=rs4904448;Source=dbsnp
NC_000014.9 88391457 rs786204787 T C . . RS=rs786204787;Source=dbsnp
NC_000014.9 88396185 rs3179969 G A,C . . RS=rs3179969;Source=dbsnp
NC_000014.9 88416725 rs140287375 C G,T . . RS=rs140287375;Source=dbsnp
NC_000014.9 88416760 rs767745816 T A . . RS=rs767745816;Source=dbsnp
NC_000014.9 88416794 rs80044281 C A,T . . RS=rs80044281;Source=dbsnp
NC_000014.9 88426588 rs151338404 C T . . RS=rs151338404;Source=dbsnp
NC_000014.9 88429395 rs386834241 A AA . . RS=rs386834241;Source=dbsnp
NC_000014.9 88437565 rs75895925 C T . . RS=rs75895925;Source=dbsnp
NC_000014.9 88438016 rs386834243 AA A . . RS=rs386834243;Source=dbsnp
NC_000014.9 88468307 rs366476 G A,C . . RS=rs366476;Source=dbsnp
NC_000014.9 88468358 rs2295136 G A . . RS=rs2295136;Source=dbsnp
NC_000014.9 88472308 rs2274736 A G . . RS=rs2274736;Source=dbsnp
NC_000014.9 88480278 rs2401751 G A . . RS=rs2401751;Source=dbsnp
NC_000014.9 88484662 rs1864744 C A,G . . RS=rs1864744;Source=dbsnp
NC_000014.9 88504581 rs1998670 C T . . RS=rs1998670;Source=dbsnp
NC_000014.9 88507340 rs7160647 C T . . RS=rs7160647;Source=dbsnp
NC_000014.9 88510071 rs10138002 C T . . RS=rs10138002;Source=dbsnp
NC_000014.9 88510128 rs10150311 T C . . RS=rs10150311;Source=dbsnp
NC_000014.9 88510606 rs11847417 C T . . RS=rs11847417;Source=dbsnp
NC_000014.9 88515226 rs11622270 T A,C,G . . RS=rs11622270;Source=dbsnp
NC_000014.9 88541082 rs12323840 C A . . RS=rs12323840;Source=dbsnp
NC_000014.9 88550324 rs193920899 T G . . RS=rs193920899;Source=dbsnp
NC_000014.9 88561547 rs11159859 G A,C,T . . RS=rs11159859;Source=dbsnp
NC_000014.9 88563662 rs199820387 G A . . RS=rs199820387;Source=dbsnp
NC_000014.9 88563712 rs201210664 G T . . RS=rs201210664;Source=dbsnp
NC_000014.9 88568130 rs764670721 C A,G . . RS=rs764670721;Source=dbsnp
NC_000014.9 88572058 rs765219941 C T . . RS=rs765219941;Source=dbsnp
NC_000014.9 88572606 rs886037950 C T . . RS=rs886037950;Source=dbsnp
NC_000014.9 88572882 rs797046115 C G . . RS=rs797046115;Source=dbsnp
NC_000014.9 88572890 rs144601125 T C . . RS=rs144601125;Source=dbsnp
```

```
NC_000014.9 88572964 rs116690538 A G . . RS=rs116690538;Source=dbsnp
NC_000014.9 88572971 rs376420911 G A . . RS=rs376420911;Source=dbsnp
NC_000014.9 88575836 rs1469602 T A,C,G . . RS=rs1469602;Source=dbsnp
NC_000014.9 88578091 rs797046114 C T . . RS=rs797046114;Source=dbsnp
NC_000014.9 88578121 rs201108116 T A,G . . RS=rs201108116;Source=dbsnp
NC_000014.9 88587530 rs8007288 A G . . RS=rs8007288;Source=dbsnp
NC_000014.9 88596758 rs45518831 C T . . RS=rs45518831;Source=dbsnp
NC_000014.9 88596823 rs2297124 A C,G,T . . RS=rs2297124;Source=dbsnp
NC_000014.9 88597933 rs11159862 A G . . RS=rs11159862;Source=dbsnp
NC_000014.9 88602001 rs143129413 G A . . RS=rs143129413;Source=dbsnp
NC_000014.9 88602835 rs535112396 G A . . RS=rs535112396;Source=dbsnp
NC_000014.9 88602876 rs778584454 G A . . RS=rs778584454;Source=dbsnp
NC_000014.9 88610865 rs139980286 C T . . RS=rs139980286;Source=dbsnp
NC_000014.9 88610866 rs149865117 G A . . RS=rs149865117;Source=dbsnp
NC_000014.9 88611746 rs144843433 G A . . RS=rs144843433;Source=dbsnp
NC_000014.9 88620935 rs35953031 AAAAAAAAAAAAAAAA AAAAAAAAAAAA,AAAAAAAAAAAAA,AAAAAAAAAAAAA
. . RS=rs35953031;Source=dbsnp
NC_000014.9 88629506 rs12590101 C G . . RS=rs12590101;Source=dbsnp
NC_000014.9 88642434 rs11159863 G A,C,T . . RS=rs11159863;Source=dbsnp
NC_000014.9 88643951 rs1144921 A C,G,T . . RS=rs1144921;Source=dbsnp
NC_000014.9 88668016 rs1956411 C A,G,T . . RS=rs1956411;Source=dbsnp
NC_000014.9 88737437 rs10132509 A G . . RS=rs10132509;Source=dbsnp
NC_000014.9 88738010 rs11846241 C G,T . . RS=rs11846241;Source=dbsnp
NC_000014.9 88745629 rs17260415 C G . . RS=rs17260415;Source=dbsnp
NC_000014.9 88752194 rs10140896 C A,G,T . . RS=rs10140896;Source=dbsnp
NC_000014.9 88752471 rs12880096 T A,C . . RS=rs12880096;Source=dbsnp
NC_000014.9 88762225 rs7147796 C G . . RS=rs7147796;Source=dbsnp
NC_000014.9 88765501 rs7157149 T A,C . . RS=rs7157149;Source=dbsnp
NC_000014.9 88824683 rs7145692 G A,C,T . . RS=rs7145692;Source=dbsnp
NC_000014.9 88833691 rs587777809 A G . . RS=rs587777809;Source=dbsnp
NC_000014.9 88839501 rs114557412 A G,T . . RS=rs114557412;Source=dbsnp
NC_000014.9 88840883 rs150880478 A G . . RS=rs150880478;Source=dbsnp
NC_000014.9 88840976 rs17700296 T A,C . . RS=rs17700296;Source=dbsnp
NC_000014.9 88841152 rs781214218 C T . . RS=rs781214218;Source=dbsnp
NC_000014.9 88841196 rs119103286 G A . . RS=rs119103286;Source=dbsnp
NC_000014.9 88843814 rs587777806 TGAGTAT T . . RS=rs587777806;Source=dbsnp
NC_000014.9 88843851 rs587777808 G A . . RS=rs587777808;Source=dbsnp
NC_000014.9 88849531 rs17700521 C G . . RS=rs17700521;Source=dbsnp
NC_000014.9 88852966 rs137853922 C T . . RS=rs137853922;Source=dbsnp
NC_000014.9 88853015 rs141304350 G A . . RS=rs141304350;Source=dbsnp
NC_000014.9 88870200 rs587777807 GTGC G . . RS=rs587777807;Source=dbsnp
NC_000014.9 88871576 rs150896551 C A,T . . RS=rs150896551;Source=dbsnp
NC_000014.9 88872358 rs142938748 A G . . RS=rs142938748;Source=dbsnp
NC_000014.9 88872452 rs876661403 G A,C . . RS=rs876661403;Source=dbsnp
NC_000014.9 88875079 rs114064158 G A . . RS=rs114064158;Source=dbsnp
NC_000014.9 88877282 rs79747892 T C . . RS=rs79747892;Source=dbsnp
NC_000014.9 88877326 rs142073418 G A,C . . RS=rs142073418;Source=dbsnp
NC_000014.9 88877426 rs183060026 C T . . RS=rs183060026;Source=dbsnp
```

```
NC_000014.9 88877648 rs1048190 G A . . RS=rs1048190;Source=dbsnp
NC_000014.9 88913457 rs2896092 A C,G,T . . RS=rs2896092;Source=dbsnp
NC_000014.9 88945090 rs41463644 A T . . RS=rs41463644;Source=dbsnp
NC_000014.9 88971096 rs12589063 A G . . RS=rs12589063;Source=dbsnp
NC_000014.9 88973290 rs7157588 G A,C,T . . RS=rs7157588;Source=dbsnp
NC_000014.9 88980452 rs7146193 A G . . RS=rs7146193;Source=dbsnp
NC_000014.9 88999689 rs763313 C A,T . . RS=rs763313;Source=dbsnp
NC_000014.9 89125050 rs4904509 T C,G . . RS=rs4904509;Source=dbsnp
NC_000014.9 89191523 rs17125470 G A . . RS=rs17125470;Source=dbsnp
NC_000014.9 89292267 rs759364 G A . . RS=rs759364;Source=dbsnp
NC_000014.9 89329326 rs17125698 C A,T . . RS=rs17125698;Source=dbsnp
NC_000014.9 89399608 rs741272 T C . . RS=rs741272;Source=dbsnp
NC_000014.9 89444509 rs8006194 C A . . RS=rs8006194;Source=dbsnp
NC_000014.9 89478405 rs966834 A C . . RS=rs966834;Source=dbsnp
NC_000014.9 89487706 rs243224 C A,G . . RS=rs243224;Source=dbsnp
NC_000014.9 89528919 rs373655 A C,G,T . . RS=rs373655;Source=dbsnp
NC_000014.9 89568628 rs8004664 G A,C . . RS=rs8004664;Source=dbsnp
NC_000014.9 89577037 rs243196 C A,G,T . . RS=rs243196;Source=dbsnp
NC_000014.9 89600107 rs17776811 A C,T . . RS=rs17776811;Source=dbsnp
NC_000014.9 89818395 rs8013403 A G . . RS=rs8013403;Source=dbsnp
NC_000014.9 89834691 rs12100561 A G,T . . RS=rs12100561;Source=dbsnp
NC_000014.9 89834970 rs17126387 A C,G . . RS=rs17126387;Source=dbsnp
NC_000014.9 89903405 rs12889533 C A,T . . RS=rs12889533;Source=dbsnp
NC_000014.9 89955149 rs4143999 G A . . RS=rs4143999;Source=dbsnp
NC_000014.9 89955214 rs3759710 G C . . RS=rs3759710;Source=dbsnp
NC_000014.9 89956320 rs942190 T C . . RS=rs942190;Source=dbsnp
NC_000014.9 89963405 rs3825663 A G . . RS=rs3825663;Source=dbsnp
NC_000014.9 89963514 rs28365054 G A,C . . RS=rs28365054;Source=dbsnp
NC_000014.9 89989844 rs2401863 G A,T . . RS=rs2401863;Source=dbsnp
NC_000014.9 89993420 rs119467003 A G . . RS=rs119467003;Source=dbsnp
NC_000014.9 89995982 rs7149962 A C . . RS=rs7149962;Source=dbsnp
NC_000014.9 90077459 rs942188 A G,T . . RS=rs942188;Source=dbsnp
NC_000014.9 90114445 rs7143971 T A,C,G . . RS=rs7143971;Source=dbsnp
NC_000014.9 90129953 rs3861656 C A . . RS=rs3861656;Source=dbsnp
NC_000014.9 90135053 rs4462529 T C . . RS=rs4462529;Source=dbsnp
NC_000014.9 90137933 rs17223880 G A,T . . RS=rs17223880;Source=dbsnp
NC_000014.9 90160020 rs1953216 C A,T . . RS=rs1953216;Source=dbsnp
NC_000014.9 90204794 rs769044 A G . . RS=rs769044;Source=dbsnp
NC_000014.9 90213566 rs8017423 T A,C . . RS=rs8017423;Source=dbsnp
NC_000014.9 90225237 rs8181979 T A,C,G . . RS=rs8181979;Source=dbsnp
NC_000014.9 90263450 rs193920988 G A,T . . RS=rs193920988;Source=dbsnp
NC_000014.9 90292547 rs2282032 G T . . RS=rs2282032;Source=dbsnp
NC_000014.9 90303866 rs4904670 C G,T . . RS=rs4904670;Source=dbsnp
NC_000014.9 90383503 rs6575130 C A,G,T . . RS=rs6575130;Source=dbsnp
NC_000014.9 90397013 rs12885713 C A,G,T . . RS=rs12885713;Source=dbsnp
NC_000014.9 90398939 rs2300497 T C,G . . RS=rs2300497;Source=dbsnp
NC_000014.9 90399471 rs2300501 C G . . RS=rs2300501;Source=dbsnp
NC_000014.9 90401296 rs267607278 C A,T . . RS=rs267607278;Source=dbsnp
```

```
NC_000014.9 90401385 rs267607276 A G,T . . RS=rs267607276;Source=dbsnp
NC_000014.9 90402098 rs2300502 G A . . RS=rs2300502;Source=dbsnp
NC_000014.9 90403569 rs3213718 C T . . RS=rs3213718;Source=dbsnp
NC_000014.9 90403951 rs730882253 T C . . RS=rs730882253;Source=dbsnp
NC_000014.9 90404386 rs267607277 A G . . RS=rs267607277;Source=dbsnp
NC_000014.9 90404482 rs730882252 A G . . RS=rs730882252;Source=dbsnp
NC_000014.9 90404530 rs267607279 C G,T . . RS=rs267607279;Source=dbsnp
NC_000014.9 90404693 rs199744595 C G,T . . RS=rs199744595;Source=dbsnp
NC_000014.9 90405134 rs5871 T A,C . . RS=rs5871;Source=dbsnp
NC_000014.9 90405891 rs63576962 A G . . RS=rs63576962;Source=dbsnp
NC_000014.9 90406669 rs3814843 T A,G . . RS=rs3814843;Source=dbsnp
NC_000014.9 90407068 rs3179089 C G . . RS=rs3179089;Source=dbsnp
NC_000014.9 90410483 rs6575134 A C,G,T . . RS=rs6575134;Source=dbsnp
NC_000014.9 90416866 rs2401887 G A . . RS=rs2401887;Source=dbsnp
NC_000014.9 90489716 rs1294497 C G,T . . RS=rs1294497;Source=dbsnp
NC_000014.9 90502030 rs10148969 C T . . RS=rs10148969;Source=dbsnp
NC_000014.9 90560879 rs11620666 C T . . RS=rs11620666;Source=dbsnp
NC_000014.9 90628156 rs2343 C T . . RS=rs2343;Source=dbsnp
NC_000014.9 90630200 rs11627718 C T . . RS=rs11627718;Source=dbsnp
NC_000014.9 90632867 rs1286439 T A,C,G . . RS=rs1286439;Source=dbsnp
NC_000014.9 90647193 rs1286422 A G,T . . RS=rs1286422;Source=dbsnp
NC_000014.9 90668317 rs961196 C A,T . . RS=rs961196;Source=dbsnp
NC_000014.9 90692525 rs942740 G A . . RS=rs942740;Source=dbsnp
NC_000014.9 90698719 rs1742101 C G,T . . RS=rs1742101;Source=dbsnp
NC_000014.9 90714816 rs1749715 G A . . RS=rs1749715;Source=dbsnp
NC_000014.9 90716983 rs1749718 C T . . RS=rs1749718;Source=dbsnp
NC_000014.9 90720326 rs1742083 G A . . RS=rs1742083;Source=dbsnp
NC_000014.9 90723633 rs8018904 G T . . RS=rs8018904;Source=dbsnp
NC_000014.9 90804831 rs1286318 C A,G,T . . RS=rs1286318;Source=dbsnp
NC_000014.9 90819884 rs7141336 A G . . RS=rs7141336;Source=dbsnp
NC_000014.9 90869843 rs8018757 T A,C . . RS=rs8018757;Source=dbsnp
NC_000014.9 90869968 rs7155799 C T . . RS=rs7155799;Source=dbsnp
NC_000014.9 90885890 rs6575165 G A . . RS=rs6575165;Source=dbsnp
NC_000014.9 90928787 rs1286124 G C,T . . RS=rs1286124;Source=dbsnp
NC_000014.9 90946417 rs1286112 C A,G,T . . RS=rs1286112;Source=dbsnp
NC_000014.9 90969246 rs3783833 T C . . RS=rs3783833;Source=dbsnp
NC_000014.9 90976435 rs1286083 T C . . RS=rs1286083;Source=dbsnp
NC_000014.9 90978818 rs1286079 C A,T . . RS=rs1286079;Source=dbsnp
NC_000014.9 90978926 rs1286078 T C . . RS=rs1286078;Source=dbsnp
NC_000014.9 90980040 rs1286077 T C . . RS=rs1286077;Source=dbsnp
NC_000014.9 91022407 rs12436076 T C . . RS=rs12436076;Source=dbsnp
NC_000014.9 91080792 rs7492628 C G . . RS=rs7492628;Source=dbsnp
NC_000014.9 91090233 rs10143322 C A,G,T . . RS=rs10143322;Source=dbsnp
NC_000014.9 91126957 rs7146008 A G,T . . RS=rs7146008;Source=dbsnp
NC_000014.9 91170188 rs4900072 C A,G,T . . RS=rs4900072;Source=dbsnp
NC_000014.9 91225127 rs6562 G A . . RS=rs6562;Source=dbsnp
NC_000014.9 91234383 rs1057517671 CTT C . . RS=rs1057517671;Source=dbsnp
NC_000014.9 91234830 rs1057517672 A G . . RS=rs1057517672;Source=dbsnp
```

```
NC_000014.9 91272732 rs45560241 G A,C . . RS=rs45560241;Source=dbsnp
NC_000014.9 91272737 rs941920 A G,T . . RS=rs941920;Source=dbsnp
NC_000014.9 91272758 rs3814839 G A,C . . RS=rs3814839;Source=dbsnp
NC_000014.9 91272761 rs61745465 C T . . RS=rs61745465;Source=dbsnp
NC_000014.9 91272764 rs45542736 C G . . RS=rs45542736;Source=dbsnp
NC_000014.9 91272870 rs387907321 CCT C . . RS=rs387907321;Source=dbsnp
NC_000014.9 91273058 rs61742126 C T . . RS=rs61742126;Source=dbsnp
NC_000014.9 91277921 rs387907320 C T . . RS=rs387907320;Source=dbsnp
NC_000014.9 91278005 rs150512553 G A,T . . RS=rs150512553;Source=dbsnp
NC_000014.9 91283338 rs151102993 G A . . RS=rs151102993;Source=dbsnp
NC_000014.9 91283341 rs752041919 C G . . RS=rs752041919;Source=dbsnp
NC_000014.9 91291030 rs786205489 C G . . RS=rs786205489;Source=dbsnp
NC_000014.9 91294178 rs12891713 C T . . RS=rs12891713;Source=dbsnp
NC_000014.9 91294316 rs8017119 C A,T . . RS=rs8017119;Source=dbsnp
NC_000014.9 91297293 rs3742656 C A,T . . RS=rs3742656;Source=dbsnp
NC_000014.9 91297376 rs142539336 G A . . RS=rs142539336;Source=dbsnp
NC_000014.9 91300084 rs112211533 G A,C . . RS=rs112211533;Source=dbsnp
NC_000014.9 91303943 rs73336474 C A,T . . RS=rs73336474;Source=dbsnp
NC_000014.9 91303964 rs112741231 C T . . RS=rs112741231;Source=dbsnp
NC_000014.9 91305920 rs201044013 C A . . RS=rs201044013;Source=dbsnp
NC_000014.9 91307150 rs1970911 G A,C . . RS=rs1970911;Source=dbsnp
NC_000014.9 91307224 rs1970912 T A,C,G . . RS=rs1970912;Source=dbsnp
NC_000014.9 91313360 rs61743881 T C . . RS=rs61743881;Source=dbsnp
NC_000014.9 91313384 rs17127223 G T . . RS=rs17127223;Source=dbsnp
NC_000014.9 91313612 rs114142372 C A,T . . RS=rs114142372;Source=dbsnp
NC_000014.9 91313854 rs61746076 C T . . RS=rs61746076;Source=dbsnp
NC_000014.9 91313907 rs7160308 G A,C,T . . RS=rs7160308;Source=dbsnp
NC_000014.9 91314043 rs7160325 C T . . RS=rs7160325;Source=dbsnp
NC_000014.9 91314141 rs797045439 G A . . RS=rs797045439;Source=dbsnp
NC_000014.9 91315707 rs61743971 T C . . RS=rs61743971;Source=dbsnp
NC_000014.9 91321256 rs587782989 C T . . RS=rs587782989;Source=dbsnp
NC_000014.9 91325976 rs17127245 G A . . RS=rs17127245;Source=dbsnp
NC_000014.9 91325981 rs754564295 G A . . RS=rs754564295;Source=dbsnp
NC_000014.9 91338035 rs17127255 G A . . RS=rs17127255;Source=dbsnp
NC_000014.9 91338086 rs61737660 G A . . RS=rs61737660;Source=dbsnp
NC_000014.9 91338121 rs369384363 G A,C . . RS=rs369384363;Source=dbsnp
NC_000014.9 91338143 rs61736349 G A . . RS=rs61736349;Source=dbsnp
NC_000014.9 91339267 rs115661164 C G,T . . RS=rs115661164;Source=dbsnp
NC_000014.9 91339333 rs61745576 G C . . RS=rs61745576;Source=dbsnp
NC_000014.9 91339918 rs200769097 C T . . RS=rs200769097;Source=dbsnp
NC_000014.9 91359660 rs61745604 C T . . RS=rs61745604;Source=dbsnp
NC_000014.9 91371904 rs17127296 G A . . RS=rs17127296;Source=dbsnp
NC_000014.9 91374725 rs941764 A G . . RS=rs941764;Source=dbsnp
NC_000014.9 91416785 rs45437097 G A . . RS=rs45437097;Source=dbsnp
NC_000014.9 91417623 rs3742654 G C,T . . RS=rs3742654;Source=dbsnp
NC_000014.9 91453757 rs56146971 A G . . RS=rs56146971;Source=dbsnp
NC_000014.9 91461942 rs2273647 C G,T . . RS=rs2273647;Source=dbsnp
NC_000014.9 91472532 rs35863382 C T . . RS=rs35863382;Source=dbsnp
```

```
NC_000014.9 91580360 rs716873 G A . . RS=rs716873;Source=dbsnp
NC_000014.9 91598586 rs1704660 T C . . RS=rs1704660;Source=dbsnp
NC_000014.9 91620369 rs1298989 A C,G,T . . RS=rs1298989;Source=dbsnp
NC_000014.9 91622511 rs1285635 A C,G,T . . RS=rs1285635;Source=dbsnp
NC_000014.9 91725006 rs3814837 C A,T . . RS=rs3814837;Source=dbsnp
NC_000014.9 91826425 rs10133762 T G . . RS=rs10133762;Source=dbsnp
NC_000014.9 91827174 rs2402074 A C,G . . RS=rs2402074;Source=dbsnp
NC_000014.9 91870336 rs121434303 C T . . RS=rs121434303;Source=dbsnp
NC_000014.9 91870431 rs929608 T A,C . . RS=rs929608;Source=dbsnp
NC_000014.9 91877501 rs80338767 C A . . RS=rs80338767;Source=dbsnp
NC_000014.9 91877555 rs864309526 G A . . RS=rs864309526;Source=dbsnp
NC_000014.9 91877582 rs1802492 C A . . RS=rs1802492;Source=dbsnp
NC_000014.9 91877585 rs121434302 C T . . RS=rs121434302;Source=dbsnp
NC_000014.9 91877621 rs28939073 G A . . RS=rs28939073;Source=dbsnp
NC_000014.9 91881279 rs74071605 C A,T . . RS=rs74071605;Source=dbsnp
NC_000014.9 91881336 rs2430347 A G,T . . RS=rs2430347;Source=dbsnp
NC_000014.9 91881431 rs74071606 G A . . RS=rs74071606;Source=dbsnp
NC_000014.9 91887253 rs28939370 A G . . RS=rs28939370;Source=dbsnp
NC_000014.9 91887283 rs80338766 A G . . RS=rs80338766;Source=dbsnp
NC_000014.9 91887320 rs147699855 A G . . RS=rs147699855;Source=dbsnp
NC_000014.9 91891236 rs80338765 C T . . RS=rs80338765;Source=dbsnp
NC_000014.9 91891334 rs28939072 A G . . RS=rs28939072;Source=dbsnp
NC_000014.9 91901067 rs741198 C T . . RS=rs741198;Source=dbsnp
NC_000014.9 91904502 rs2498834 A C,G . . RS=rs2498834;Source=dbsnp
NC_000014.9 91904550 rs2430366 A T . . RS=rs2430366;Source=dbsnp
NC_000014.9 91904797 rs2254320 G A . . RS=rs2254320;Source=dbsnp
NC_000014.9 91904890 rs1861085 T C . . RS=rs1861085;Source=dbsnp
NC_000014.9 91906659 rs2018736 C A . . RS=rs2018736;Source=dbsnp
NC_000014.9 91908061 rs2160079 A C . . RS=rs2160079;Source=dbsnp
NC_000014.9 91911458 rs12589592 G A . . RS=rs12589592;Source=dbsnp
NC_000014.9 91917655 rs2249954 C A,G,T . . RS=rs2249954;Source=dbsnp
NC_000014.9 91920035 rs17732513 C T . . RS=rs17732513;Source=dbsnp
NC_000014.9 91922703 rs2284340 C T . . RS=rs2284340;Source=dbsnp
NC_000014.9 91924276 rs2246416 A G . . RS=rs2246416;Source=dbsnp
NC_000014.9 91930406 rs2268002 C G . . RS=rs2268002;Source=dbsnp
NC_000014.9 91936950 rs61734479 C T . . RS=rs61734479;Source=dbsnp
NC_000014.9 91937058 rs144288844 C G,T . . RS=rs144288844;Source=dbsnp
NC_000014.9 91937067 rs121434301 G A,C . . RS=rs121434301;Source=dbsnp
NC_000014.9 91937114 rs121434300 C T . . RS=rs121434300;Source=dbsnp
NC_000014.9 91937148 rs121434299 C G . . RS=rs121434299;Source=dbsnp
NC_000014.9 91937316 rs2474028 T A,C,G . . RS=rs2474028;Source=dbsnp
NC_000014.9 91941349 rs3783937 C A,T . . RS=rs3783937;Source=dbsnp
NC_000014.9 91947643 rs7149187 G A . . RS=rs7149187;Source=dbsnp
NC_000014.9 91950020 rs2498852 A C,G . . RS=rs2498852;Source=dbsnp
NC_000014.9 91960878 rs7153027 A C . . RS=rs7153027;Source=dbsnp
NC_000014.9 91974722 rs1051340 C A,T . . RS=rs1051340;Source=dbsnp
NC_000014.9 91993614 rs8007661 C T . . RS=rs8007661;Source=dbsnp
NC_000014.9 92005475 rs1085307101 TATTTAT TAT . . RS=rs1085307101;Source=dbsnp
```

```
NC_000014.9 92005874 rs139539448 T C . . RS=rs139539448;Source=dbsnp
NC_000014.9 92015729 rs267607138 G A,T . . RS=rs267607138;Source=dbsnp
NC_000014.9 92019537 rs7155279 G A,T . . RS=rs7155279;Source=dbsnp
NC_000014.9 92025422 rs863223281 T C . . RS=rs863223281;Source=dbsnp
NC_000014.9 92033137 rs2273188 G A . . RS=rs2273188;Source=dbsnp
NC_000014.9 92037924 rs2235978 C A,T . . RS=rs2235978;Source=dbsnp
NC_000014.9 92063938 rs910369 C A,G,T . . RS=rs910369;Source=dbsnp
NC_000014.9 92064169 rs709930 C A,T . . RS=rs709930;Source=dbsnp
NC_000014.9 92068329 rs74071847 G A . . RS=rs74071847;Source=dbsnp
NC_000014.9 92068397 rs7142326 T A,C . . RS=rs7142326;Source=dbsnp
NC_000014.9 92068571 rs8004149 C T . . RS=rs8004149;Source=dbsnp
NC_000014.9 92069047 rs79316375 G A,T . . RS=rs79316375;Source=dbsnp
NC_000014.9 92069669 rs77086230 G A . . RS=rs77086230;Source=dbsnp
NC_000014.9 92070615 rs12588287 T C . . RS=rs12588287;Source=dbsnp
NC_000014.9 92070819 rs3092822 T C,G . . RS=rs3092822;Source=dbsnp
NC_000014.9 92070879 rs7158733 G A,C,T . . RS=rs7158733;Source=dbsnp
NC_000014.9 92071009 rs763461489 C CA,CG,CGCTGCTGCTGCTGCTGCT,CGCTGCTGCTGCTGCTGCTGCTGCTGCTG
. . RS=rs763461489;Source=dbsnp
NC_000014.9 92071010 rs12895357 C A,G,T . . RS=rs12895357;Source=dbsnp
NC_000014.9 92071011 rs193922928 CTGCTGCTGCTGCTGCTGCTGCTG CTGCTGCTGCTGCTGCTG,CTGCTGCTGCTGCTGC
. . RS=rs193922928;Source=dbsnp
NC_000014.9 92071035 rs12896583 T C . . RS=rs12896583;Source=dbsnp
NC_000014.9 92071042 rs141993435 TTTT T . . RS=rs141993435;Source=dbsnp
NC_000014.9 92071388 rs10467856 A G,T . . RS=rs10467856;Source=dbsnp
NC_000014.9 92071399 rs10467857 G A,C . . RS=rs10467857;Source=dbsnp
NC_000014.9 92071441 rs10467858 C T . . RS=rs10467858;Source=dbsnp
NC_000014.9 92071824 rs56268847 T C . . RS=rs56268847;Source=dbsnp
NC_000014.9 92072061 rs12586471 A C,G . . RS=rs12586471;Source=dbsnp
NC_000014.9 92072185 rs12586535 G A,C . . RS=rs12586535;Source=dbsnp
NC_000014.9 92074996 rs10146249 C A . . RS=rs10146249;Source=dbsnp
NC_000014.9 92082441 rs1048755 C T . . RS=rs1048755;Source=dbsnp
NC_000014.9 92082552 rs10146519 A C,G . . RS=rs10146519;Source=dbsnp
NC_000014.9 92083242 rs16999141 G A,C . . RS=rs16999141;Source=dbsnp
NC_000014.9 92083288 rs12590497 C A . . RS=rs12590497;Source=dbsnp
NC_000014.9 92091827 rs10873415 G A,C . . RS=rs10873415;Source=dbsnp
NC_000014.9 92093282 rs754873504 G C . . RS=rs754873504;Source=dbsnp
NC_000014.9 92106583 rs3814834 G A,C . . RS=rs3814834;Source=dbsnp
NC_000014.9 92110162 rs8021276 A G,T . . RS=rs8021276;Source=dbsnp
NC_000014.9 92160794 rs2025072 G A,T . . RS=rs2025072;Source=dbsnp
NC_000014.9 92235372 rs1742707 T A,G . . RS=rs1742707;Source=dbsnp
NC_000014.9 92285856 rs2025074 A C,G,T . . RS=rs2025074;Source=dbsnp
NC_000014.9 92292101 rs8016079 G A . . RS=rs8016079;Source=dbsnp
NC_000014.9 92297047 rs4900109 G T . . RS=rs4900109;Source=dbsnp
NC_000014.9 92298175 rs4904864 A G . . RS=rs4904864;Source=dbsnp
NC_000014.9 92302159 rs4904866 C T . . RS=rs4904866;Source=dbsnp
NC_000014.9 92307319 rs12896399 G A,T . . RS=rs12896399;Source=dbsnp
NC_000014.9 92309818 rs1075830 A C . . RS=rs1075830;Source=dbsnp
NC_000014.9 92314657 rs4904868 T C . . RS=rs4904868;Source=dbsnp
```

```
NC_000014.9 92319278 rs7148382 A G . . RS=rs7148382;Source=dbsnp
NC_000014.9 92334859 rs2402130 G A,C,T . . RS=rs2402130;Source=dbsnp
NC_000014.9 92340986 rs11160059 T A,C . . RS=rs11160059;Source=dbsnp
NC_000014.9 92348113 rs12586368 G A . . RS=rs12586368;Source=dbsnp
NC_000014.9 92356571 rs7159431 C G . . RS=rs7159431;Source=dbsnp
NC_000014.9 92356687 rs7142084 A G . . RS=rs7142084;Source=dbsnp
NC_000014.9 92389176 rs4904887 C A,G,T . . RS=rs4904887;Source=dbsnp
NC_000014.9 92395777 rs1108161 C T . . RS=rs1108161;Source=dbsnp
NC_000014.9 92428042 rs60243508 C T . . RS=rs60243508;Source=dbsnp
NC_000014.9 92442132 rs587777537 C T . . RS=rs587777537;Source=dbsnp
NC_000014.9 92454034 rs587777535 C G,T . . RS=rs587777535;Source=dbsnp
NC_000014.9 92460608 rs10498633 G T . . RS=rs10498633;Source=dbsnp
NC_000014.9 92464759 rs67063100 G A . . RS=rs67063100;Source=dbsnp
NC_000014.9 92464820 rs8019291 G C,T . . RS=rs8019291;Source=dbsnp
NC_000014.9 92468078 rs7154288 C G,T . . RS=rs7154288;Source=dbsnp
NC_000014.9 92470256 rs2896209 A C,T . . RS=rs2896209;Source=dbsnp
NC_000014.9 92470276 rs4406992 C T . . RS=rs4406992;Source=dbsnp
NC_000014.9 92486738 rs587777536 A T . . RS=rs587777536;Source=dbsnp
NC_000014.9 92489041 rs17783630 A C,G . . RS=rs17783630;Source=dbsnp
NC_000014.9 92493513 rs77441273 G A . . RS=rs77441273;Source=dbsnp
NC_000014.9 92493894 rs4900132 A G . . RS=rs4900132;Source=dbsnp
NC_000014.9 92505818 rs4904947 C T . . RS=rs4904947;Source=dbsnp
NC_000014.9 92570788 rs10134299 T G . . RS=rs10134299;Source=dbsnp
NC_000014.9 92572336 rs2104237 T C . . RS=rs2104237;Source=dbsnp
NC_000014.9 92581110 rs1885747 A G . . RS=rs1885747;Source=dbsnp
NC_000014.9 92595108 rs17783660 A G . . RS=rs17783660;Source=dbsnp
NC_000014.9 92636964 rs10498635 C T . . RS=rs10498635;Source=dbsnp
NC_000014.9 92637727 rs11627032 T A,C . . RS=rs11627032;Source=dbsnp
NC_000014.9 92649065 rs754388 G A,C,T . . RS=rs754388;Source=dbsnp
NC_000014.9 92651693 rs3829947 A C,G,T . . RS=rs3829947;Source=dbsnp
NC_000014.9 92652323 rs3742717 C G,T . . RS=rs3742717;Source=dbsnp
NC_000014.9 92652329 rs74074811 G A . . RS=rs74074811;Source=dbsnp
NC_000014.9 92652478 rs74074812 C T . . RS=rs74074812;Source=dbsnp
NC_000014.9 92652887 rs12434929 G A,C . . RS=rs12434929;Source=dbsnp
NC_000014.9 92658937 rs12885166 G T . . RS=rs12885166;Source=dbsnp
NC_000014.9 92671696 rs7150931 C G,T . . RS=rs7150931;Source=dbsnp
NC_000014.9 92711306 rs8177528 T A,C,G . . RS=rs8177528;Source=dbsnp
NC_000014.9 92732735 rs2236264 C G,T . . RS=rs2236264;Source=dbsnp
NC_000014.9 92771959 rs9944115 G A,C,T . . RS=rs9944115;Source=dbsnp
NC_000014.9 92851221 rs11622505 A G . . RS=rs11622505;Source=dbsnp
NC_000014.9 92922041 rs9658628 G A . . RS=rs9658628;Source=dbsnp
NC_000014.9 92922129 rs9658629 A T . . RS=rs9658629;Source=dbsnp
NC_000014.9 92922133 rs9658630 C T . . RS=rs9658630;Source=dbsnp
NC_000014.9 92922159 rs9658631 G T . . RS=rs9658631;Source=dbsnp
NC_000014.9 92922685 rs9658634 A C,G,T . . RS=rs9658634;Source=dbsnp
NC_000014.9 92922732 rs9658635 T C . . RS=rs9658635;Source=dbsnp
NC_000014.9 92923058 rs7159323 A C,G,T . . RS=rs7159323;Source=dbsnp
NC_000014.9 92923090 rs9658638 C T . . RS=rs9658638;Source=dbsnp
```

```
NC_000014.9 92925545 rs9658644 G A . . RS=rs9658644;Source=dbsnp
NC_000014.9 92928234 rs735726 T A . . RS=rs735726;Source=dbsnp
NC_000014.9 92931686 rs9658655 G C . . RS=rs9658655;Source=dbsnp
NC_000014.9 92932705 rs9658667 G A . . RS=rs9658667;Source=dbsnp
NC_000014.9 92932724 rs9658668 C T . . RS=rs9658668;Source=dbsnp
NC_000014.9 92932756 rs729940 C A,T . . RS=rs729940;Source=dbsnp
NC_000014.9 92934971 rs7610 T A,C . . RS=rs7610;Source=dbsnp
NC_000014.9 92935748 rs875395 C A,G,T . . RS=rs875395;Source=dbsnp
NC_000014.9 92937218 rs2281515 C T . . RS=rs2281515;Source=dbsnp
NC_000014.9 92945686 rs4905014 G A,C . . RS=rs4905014;Source=dbsnp
NC_000014.9 92946398 rs2295394 G A . . RS=rs2295394;Source=dbsnp
NC_000014.9 92960275 rs941578 T C . . RS=rs941578;Source=dbsnp
NC_000014.9 92992300 rs11625123 T A,C,G . . RS=rs11625123;Source=dbsnp
NC_000014.9 93034681 rs8006385 A G . . RS=rs8006385;Source=dbsnp
NC_000014.9 93083664 rs4905043 G A,C . . RS=rs4905043;Source=dbsnp
NC_000014.9 93099471 rs957362 A C,G . . RS=rs957362;Source=dbsnp
NC_000014.9 93099810 rs34269820 T A . . RS=rs34269820;Source=dbsnp
NC_000014.9 93101273 rs8021497 G A . . RS=rs8021497;Source=dbsnp
NC_000014.9 93129246 rs11624776 A C,T . . RS=rs11624776;Source=dbsnp
NC_000014.9 93145190 rs7151193 T A,G . . RS=rs7151193;Source=dbsnp
NC_000014.9 93147717 rs12589195 C A . . RS=rs12589195;Source=dbsnp
NC_000014.9 93180064 rs1270629 T C . . RS=rs1270629;Source=dbsnp
NC_000014.9 93183156 rs1046099 A G,T . . RS=rs1046099;Source=dbsnp
NC_000014.9 93210656 rs751474426 G A . . RS=rs751474426;Source=dbsnp
NC_000014.9 93218751 rs17128941 C T . . RS=rs17128941;Source=dbsnp
NC_000014.9 93227076 rs2905 C T . . RS=rs2905;Source=dbsnp
NC_000014.9 93246299 rs55659625 AAAAAAAAAAAAAAA AAAAAAAAAAA,AAAAAAAAAAAA,AAAAAAAAAAAAA,AAAAAA
. . RS=rs55659625;Source=dbsnp
NC_000014.9 93362843 rs6575325 A G,T . . RS=rs6575325;Source=dbsnp
NC_000014.9 93399942 rs1503959 C A . . RS=rs1503959;Source=dbsnp
NC_000014.9 93519101 rs12882384 A C,G,T . . RS=rs12882384;Source=dbsnp
NC_000014.9 93534596 rs7151505 G A,C . . RS=rs7151505;Source=dbsnp
NC_000014.9 93618295 rs34816083 C T . . RS=rs34816083;Source=dbsnp
NC_000014.9 93694175 rs943323 C A,G . . RS=rs943323;Source=dbsnp
NC_000014.9 93743836 rs12587586 T A,G . . RS=rs12587586;Source=dbsnp
NC_000014.9 93774370 rs7152362 C A . . RS=rs7152362;Source=dbsnp
NC_000014.9 93849429 rs10139611 C T . . RS=rs10139611;Source=dbsnp
NC_000014.9 93865470 rs11622652 G A . . RS=rs11622652;Source=dbsnp
NC_000014.9 93889278 rs736394 C T . . RS=rs736394;Source=dbsnp
NC_000014.9 93895984 rs4905110 G A,T . . RS=rs4905110;Source=dbsnp
NC_000014.9 93904071 rs11627027 C T . . RS=rs11627027;Source=dbsnp
NC_000014.9 93994183 rs11844114 A C,T . . RS=rs11844114;Source=dbsnp
NC_000014.9 94000488 rs10149388 C A,G,T . . RS=rs10149388;Source=dbsnp
NC_000014.9 94096847 rs7157940 T A,C,G . . RS=rs7157940;Source=dbsnp
NC_000014.9 94105764 rs9323902 G A,T . . RS=rs9323902;Source=dbsnp
NC_000014.9 94106403 rs10873447 A C,T . . RS=rs10873447;Source=dbsnp
NC_000014.9 94116589 rs2799 C A,G,T . . RS=rs2799;Source=dbsnp
NC_000014.9 94284149 rs2232710 T C . . RS=rs2232710;Source=dbsnp
```

```
NC_000014.9 94288306 rs61754487 C T . . RS=rs61754487;Source=dbsnp
NC_000014.9 94288467 rs2232708 C A,T . . RS=rs2232708;Source=dbsnp
NC_000014.9 94288468 rs2232707 G A,T . . RS=rs2232707;Source=dbsnp
NC_000014.9 94290332 rs2232698 G A . . RS=rs2232698;Source=dbsnp
NC_000014.9 94290413 rs941591 T A,C,G . . RS=rs941591;Source=dbsnp
NC_000014.9 94290457 rs941590 T A,C . . RS=rs941590;Source=dbsnp
NC_000014.9 94302744 rs7146221 G A,C . . RS=rs7146221;Source=dbsnp
NC_000014.9 94303139 rs11621961 C T . . RS=rs11621961;Source=dbsnp
NC_000014.9 94304471 rs28929488 C T . . RS=rs28929488;Source=dbsnp
NC_000014.9 94304833 rs45515394 G T . . RS=rs45515394;Source=dbsnp
NC_000014.9 94305204 rs941601 C T . . RS=rs941601;Source=dbsnp
NC_000014.9 94306167 rs1042394 G A,C,T . . RS=rs1042394;Source=dbsnp
NC_000014.9 94306784 rs3790036 A C,G . . RS=rs3790036;Source=dbsnp
NC_000014.9 94307074 rs2144835 C A,G,T . . RS=rs2144835;Source=dbsnp
NC_000014.9 94307113 rs11629171 C A,G,T . . RS=rs11629171;Source=dbsnp
NC_000014.9 94307297 rs2144834 G A . . RS=rs2144834;Source=dbsnp
NC_000014.9 94307539 rs8023023 G A . . RS=rs8023023;Source=dbsnp
NC_000014.9 94307608 rs8022616 A G . . RS=rs8022616;Source=dbsnp
NC_000014.9 94308658 rs11622665 A G,T . . RS=rs11622665;Source=dbsnp
NC_000014.9 94309400 rs11622970 A C,G,T . . RS=rs11622970;Source=dbsnp
NC_000014.9 94310064 rs11160168 T A,C,G . . RS=rs11160168;Source=dbsnp
NC_000014.9 94310104 rs11160169 C A,G . . RS=rs11160169;Source=dbsnp
NC_000014.9 94310295 rs2281519 G A . . RS=rs2281519;Source=dbsnp
NC_000014.9 94314305 rs113418909 A T . . RS=rs113418909;Source=dbsnp
NC_000014.9 94319114 rs11627241 T A,C,G . . RS=rs11627241;Source=dbsnp
NC_000014.9 94320207 rs1956178 C A . . RS=rs1956178;Source=dbsnp
NC_000014.9 94320951 rs7161521 C T . . RS=rs7161521;Source=dbsnp
NC_000014.9 94322004 rs941599 C T . . RS=rs941599;Source=dbsnp
NC_000014.9 94322780 rs2281518 A C,G,T . . RS=rs2281518;Source=dbsnp
NC_000014.9 94323158 rs1998056 C A,G . . RS=rs1998056;Source=dbsnp
NC_000014.9 94323450 rs2281517 A G . . RS=rs2281517;Source=dbsnp
NC_000014.9 94327349 rs12589136 G A,T . . RS=rs12589136;Source=dbsnp
NC_000014.9 94329155 rs4905179 A G,T . . RS=rs4905179;Source=dbsnp
NC_000014.9 94329847 rs61280460 A C,G,T . . RS=rs61280460;Source=dbsnp
NC_000014.9 94330956 rs746530 A C,G,T . . RS=rs746530;Source=dbsnp
NC_000014.9 94347065 rs926144 A C,G . . RS=rs926144;Source=dbsnp
NC_000014.9 94354122 rs2749529 T A,C . . RS=rs2749529;Source=dbsnp
NC_000014.9 94360731 rs2749527 C G,T . . RS=rs2749527;Source=dbsnp
NC_000014.9 94368238 rs3762132 A C,G . . RS=rs3762132;Source=dbsnp
NC_000014.9 94370192 rs4900229 C T . . RS=rs4900229;Source=dbsnp
NC_000014.9 94375029 rs1243168 A G,T . . RS=rs1243168;Source=dbsnp
NC_000014.9 94377118 rs11568814 C G,T . . RS=rs11568814;Source=dbsnp
NC_000014.9 94377162 rs9944155 C T . . RS=rs9944155;Source=dbsnp
NC_000014.9 94377228 rs11832 T C,G . . RS=rs11832;Source=dbsnp
NC_000014.9 94377481 rs1243166 A G . . RS=rs1243166;Source=dbsnp
NC_000014.9 94377595 rs1051052 A C,G,T . . RS=rs1051052;Source=dbsnp
NC_000014.9 94378435 rs775785700 GGAGCGAGAGG G . . RS=rs775785700;Source=dbsnp
NC_000014.9 94378506 rs1303 T G . . RS=rs1303;Source=dbsnp
```

```
NC_000014.9 94378528 rs199422209 G A,C,T . . RS=rs199422209;Source=dbsnp
NC_000014.9 94378529 rs61761869 G A,T . . RS=rs61761869;Source=dbsnp
NC_000014.9 94378547 rs121912712 C T . . RS=rs121912712;Source=dbsnp
NC_000014.9 94378548 rs764325655 GGGGGGG GGGGGG,GGGGGGGG . . RS=rs764325655;Source=dbsnp
NC_000014.9 94378561 rs121912713 A C . . RS=rs121912713;Source=dbsnp
NC_000014.9 94378575 rs28929473 T A . . RS=rs28929473;Source=dbsnp
NC_000014.9 94378610 rs28929474 C G,T . . RS=rs28929474;Source=dbsnp
NC_000014.9 94378613 rs143370956 C A,G,T . . RS=rs143370956;Source=dbsnp
NC_000014.9 94378628 rs1802959 C G,T . . RS=rs1802959;Source=dbsnp
NC_000014.9 94378638 rs9630 G A . . RS=rs9630;Source=dbsnp
NC_000014.9 94379501 rs1057519610 GAGAG GAG . . RS=rs1057519610;Source=dbsnp
NC_000014.9 94379979 rs11846959 G A,T . . RS=rs11846959;Source=dbsnp
NC_000014.9 94380925 rs17580 T A . . RS=rs17580;Source=dbsnp
NC_000014.9 94380948 rs1049800 A C,G . . RS=rs1049800;Source=dbsnp
NC_000014.9 94380949 rs121912714 T A . . RS=rs121912714;Source=dbsnp
NC_000014.9 94381014 rs34112109 C T . . RS=rs34112109;Source=dbsnp
NC_000014.9 94381043 rs764220898 C G,T . . RS=rs764220898;Source=dbsnp
NC_000014.9 94381049 rs28929470 G A,T . . RS=rs28929470;Source=dbsnp
NC_000014.9 94381067 rs199422211 T A . . RS=rs199422211;Source=dbsnp
NC_000014.9 94381078 rs6647 A G . . RS=rs6647;Source=dbsnp
NC_000014.9 94381106 rs199422208 C T . . RS=rs199422208;Source=dbsnp
NC_000014.9 94382591 rs751235320 C A . . RS=rs751235320;Source=dbsnp
NC_000014.9 94382686 rs267606950 CG C . . RS=rs267606950;Source=dbsnp
NC_000014.9 94382686 rs199422210 G A,C,T . . RS=rs199422210;Source=dbsnp
NC_000014.9 94382700 rs864622051 G A,C . . RS=rs864622051;Source=dbsnp
NC_000014.9 94382716 rs72552402 G A . . RS=rs72552402;Source=dbsnp
NC_000014.9 94382724 rs112030253 C A,T . . RS=rs112030253;Source=dbsnp
NC_000014.9 94382814 rs20546 G A . . RS=rs20546;Source=dbsnp
NC_000014.9 94382823 rs11558261 C T . . RS=rs11558261;Source=dbsnp
NC_000014.9 94382864 rs709932 C T . . RS=rs709932;Source=dbsnp
NC_000014.9 94382891 rs28931572 A T . . RS=rs28931572;Source=dbsnp
NC_000014.9 94382912 rs199422213 G A . . RS=rs199422213;Source=dbsnp
NC_000014.9 94382966 rs28931568 C T . . RS=rs28931568;Source=dbsnp
NC_000014.9 94383008 rs55819880 G A . . RS=rs55819880;Source=dbsnp
NC_000014.9 94383009 rs775982338 AGAAGAAGA AGAAGA . . RS=rs775982338;Source=dbsnp
NC_000014.9 94383044 rs28931569 A G . . RS=rs28931569;Source=dbsnp
NC_000014.9 94383051 rs28931570 G A . . RS=rs28931570;Source=dbsnp
NC_000014.9 94383052 rs762321137 G T . . RS=rs762321137;Source=dbsnp
NC_000014.9 94383161 rs199422212 T A,G . . RS=rs199422212;Source=dbsnp
NC_000014.9 94383221 rs140814100 G A . . RS=rs140814100;Source=dbsnp
NC_000014.9 94384993 rs2753934 A C,G,T . . RS=rs2753934;Source=dbsnp
NC_000014.9 94386086 rs1980618 A C,T . . RS=rs1980618;Source=dbsnp
NC_000014.9 94386321 rs1980616 C T . . RS=rs1980616;Source=dbsnp
NC_000014.9 94386355 rs2749531 G A . . RS=rs2749531;Source=dbsnp
NC_000014.9 94387342 rs3748317 C A . . RS=rs3748317;Source=dbsnp
NC_000014.9 94387927 rs3748312 C A,T . . RS=rs3748312;Source=dbsnp
NC_000014.9 94388515 rs6575424 C A,T . . RS=rs6575424;Source=dbsnp
NC_000014.9 94388536 rs2854254 T A,C,G . . RS=rs2854254;Source=dbsnp
```

```
NC_000014.9 94388540 rs1243160 G A . . RS=rs1243160;Source=dbsnp
NC_000014.9 94390320 rs17751769 G A . . RS=rs17751769;Source=dbsnp
NC_000014.9 94390577 rs8004738 G A,C,T . . RS=rs8004738;Source=dbsnp
NC_000014.9 94397299 rs7151526 C A . . RS=rs7151526;Source=dbsnp
NC_000014.9 94397364 rs10484042 G A . . RS=rs10484042;Source=dbsnp
NC_000014.9 94399371 rs2896268 A C,G,T . . RS=rs2896268;Source=dbsnp
NC_000014.9 94399800 rs2402446 T A . . RS=rs2402446;Source=dbsnp
NC_000014.9 94436592 rs11621467 A C,G,T . . RS=rs11621467;Source=dbsnp
NC_000014.9 94439174 rs2011604 A G . . RS=rs2011604;Source=dbsnp
NC_000014.9 94441907 rs4905203 C G,T . . RS=rs4905203;Source=dbsnp
NC_000014.9 94450059 rs1956721 A C,G,T . . RS=rs1956721;Source=dbsnp
NC_000014.9 94459311 rs1956716 C A . . RS=rs1956716;Source=dbsnp
NC_000014.9 94464768 rs11628722 A G . . RS=rs11628722;Source=dbsnp
NC_000014.9 94466582 rs1956713 G A,T . . RS=rs1956713;Source=dbsnp
NC_000014.9 94467358 rs17090921 G A,C . . RS=rs17090921;Source=dbsnp
NC_000014.9 94475250 rs11626091 G A . . RS=rs11626091;Source=dbsnp
NC_000014.9 94493715 rs2236242 T A . . RS=rs2236242;Source=dbsnp
NC_000014.9 94497441 rs6575436 A T . . RS=rs6575436;Source=dbsnp
NC_000014.9 94497767 rs61757459 G A . . RS=rs61757459;Source=dbsnp
NC_000014.9 94506437 rs77060950 G T . . RS=rs77060950;Source=dbsnp
NC_000014.9 94518729 rs35262691 T C . . RS=rs35262691;Source=dbsnp
NC_000014.9 94546047 rs11160190 A C,G,T . . RS=rs11160190;Source=dbsnp
NC_000014.9 94550499 rs9671457 C T . . RS=rs9671457;Source=dbsnp
NC_000014.9 94566450 rs2093266 G A . . RS=rs2093266;Source=dbsnp
NC_000014.9 94568005 rs2070777 T A . . RS=rs2070777;Source=dbsnp
NC_000014.9 94579038 rs1955656 G A . . RS=rs1955656;Source=dbsnp
NC_000014.9 94582891 rs10484047 G A . . RS=rs10484047;Source=dbsnp
NC_000014.9 94584159 rs885786 C G,T . . RS=rs885786;Source=dbsnp
NC_000014.9 94584188 rs10130906 A G . . RS=rs10130906;Source=dbsnp
NC_000014.9 94586171 rs2069959 C A,G . . RS=rs2069959;Source=dbsnp
NC_000014.9 94586196 rs2069961 G A,T . . RS=rs2069961;Source=dbsnp
NC_000014.9 94586222 rs2069962 A C,T . . RS=rs2069962;Source=dbsnp
NC_000014.9 94586290 rs2069963 T A,C,G . . RS=rs2069963;Source=dbsnp
NC_000014.9 94587512 rs6113 T C . . RS=rs6113;Source=dbsnp
NC_000014.9 94587526 rs6118 C G,T . . RS=rs6118;Source=dbsnp
NC_000014.9 94592125 rs6116 A C,T . . RS=rs6116;Source=dbsnp
NC_000014.9 94592277 rs2069990 G A,T . . RS=rs2069990;Source=dbsnp
NC_000014.9 94592476 rs938 A G . . RS=rs938;Source=dbsnp
NC_000014.9 94593044 rs7070 A G . . RS=rs7070;Source=dbsnp
NC_000014.9 94600881 rs10145747 C T . . RS=rs10145747;Source=dbsnp
NC_000014.9 94600896 rs4375593 G A . . RS=rs4375593;Source=dbsnp
NC_000014.9 94600900 rs4508366 T C,G . . RS=rs4508366;Source=dbsnp
NC_000014.9 94612340 rs1884082 G A,C,T . . RS=rs1884082;Source=dbsnp
NC_000014.9 94614466 rs4934 G A,C . . RS=rs4934;Source=dbsnp
NC_000014.9 94614674 rs1800463 T A,C . . RS=rs1800463;Source=dbsnp
NC_000014.9 94614744 rs17826465 A G . . RS=rs17826465;Source=dbsnp
NC_000014.9 94617931 rs2268338 C G . . RS=rs2268338;Source=dbsnp
NC_000014.9 94619305 rs17473 C G,T . . RS=rs17473;Source=dbsnp
```

```
NC_000014.9 94622895 rs17091162 C A . . RS=rs17091162;Source=dbsnp
NC_000014.9 94623782 rs116929575 A G . . RS=rs116929575;Source=dbsnp
NC_000014.9 94631219 rs8023057 A G . . RS=rs8023057;Source=dbsnp
NC_000014.9 94680973 rs9323913 T A,C . . RS=rs9323913;Source=dbsnp
NC_000014.9 94689439 rs11622883 T A . . RS=rs11622883;Source=dbsnp
NC_000014.9 94692019 rs17091290 T A,C . . RS=rs17091290;Source=dbsnp
NC_000014.9 94707929 rs11851301 A G,T . . RS=rs11851301;Source=dbsnp
NC_000014.9 94727040 rs3814818 T C,G . . RS=rs3814818;Source=dbsnp
NC_000014.9 94769173 rs587777289 G A,T . . RS=rs587777289;Source=dbsnp
NC_000014.9 94769660 rs587777290 C G . . RS=rs587777290;Source=dbsnp
NC_000014.9 94769804 rs587777288 GCCGGGAGGCCCGCGCCGCCGGG GCCGGG . . RS=rs587777288;Source=dbs
NC_000014.9 94834020 rs1243519 A G . . RS=rs1243519;Source=dbsnp
NC_000014.9 94839675 rs11624318 C A . . RS=rs11624318;Source=dbsnp
NC_000014.9 94861012 rs7157079 A G . . RS=rs7157079;Source=dbsnp
NC_000014.9 94869154 rs11160219 A C,G,T . . RS=rs11160219;Source=dbsnp
NC_000014.9 94871151 rs8007115 T C . . RS=rs8007115;Source=dbsnp
NC_000014.9 94880221 rs12881798 C A . . RS=rs12881798;Source=dbsnp
NC_000014.9 94892441 rs1417594 A G,T . . RS=rs1417594;Source=dbsnp
NC_000014.9 94895934 rs10484049 A G . . RS=rs10484049;Source=dbsnp
NC_000014.9 94900089 rs8020281 G A,C,T . . RS=rs8020281;Source=dbsnp
NC_000014.9 94914865 rs1243575 C A . . RS=rs1243575;Source=dbsnp
NC_000014.9 94944192 rs10133840 C G . . RS=rs10133840;Source=dbsnp
NC_000014.9 95052503 rs1110386 C T . . RS=rs1110386;Source=dbsnp
NC_000014.9 95056497 rs11621737 G A . . RS=rs11621737;Source=dbsnp
NC_000014.9 95068532 rs2353726 C T . . RS=rs2353726;Source=dbsnp
NC_000014.9 95085217 rs1187650 T A,C,G . . RS=rs1187650;Source=dbsnp
NC_000014.9 95087025 rs3742330 A G . . RS=rs3742330;Source=dbsnp
NC_000014.9 95087805 rs1057035 T C . . RS=rs1057035;Source=dbsnp
NC_000014.9 95090410 rs13078 A C,T . . RS=rs13078;Source=dbsnp
NC_000014.9 95091214 rs587778233 C T . . RS=rs587778233;Source=dbsnp
NC_000014.9 95091265 rs886037729 T A,C . . RS=rs886037729;Source=dbsnp
NC_000014.9 95091336 rs886037728 TTT TT . . RS=rs886037728;Source=dbsnp
NC_000014.9 95091339 rs751615662 C T . . RS=rs751615662;Source=dbsnp
NC_000014.9 95093521 rs2282265 A C,G . . RS=rs2282265;Source=dbsnp
NC_000014.9 95093936 rs878855274 AAA A . . RS=rs878855274;Source=dbsnp
NC_000014.9 95093953 rs886037727 GG G . . RS=rs886037727;Source=dbsnp
NC_000014.9 95093976 rs144259142 T C . . RS=rs144259142;Source=dbsnp
NC_000014.9 95093997 rs886037726 TACTTTAC TAC . . RS=rs886037726;Source=dbsnp
NC_000014.9 95094011 rs114861074 C A,T . . RS=rs114861074;Source=dbsnp
NC_000014.9 95094058 rs886037725 GG GGG . . RS=rs886037725;Source=dbsnp
NC_000014.9 95094129 rs886037724 C T . . RS=rs886037724;Source=dbsnp
NC_000014.9 95094148 rs886037723 G A . . RS=rs886037723;Source=dbsnp
NC_000014.9 95094149 rs875989780 G C,T . . RS=rs875989780;Source=dbsnp
NC_000014.9 95095812 rs116247322 G A . . RS=rs116247322;Source=dbsnp
NC_000014.9 95095824 rs886037722 C G,T . . RS=rs886037722;Source=dbsnp
NC_000014.9 95095867 rs886037721 G A . . RS=rs886037721;Source=dbsnp
NC_000014.9 95095959 rs886037720 TCT TCTCT . . RS=rs886037720;Source=dbsnp
NC_000014.9 95095997 rs587778231 A C . . RS=rs587778231;Source=dbsnp
```

```
NC_000014.9 95096125 rs587778230 G A,C . . RS=rs587778230;Source=dbsnp
NC_000014.9 95096166 rs875989779 G C . . RS=rs875989779;Source=dbsnp
NC_000014.9 95096172 rs137852976 A C . . RS=rs137852976;Source=dbsnp
NC_000014.9 95096240 rs61729797 C T . . RS=rs61729797;Source=dbsnp
NC_000014.9 95096287 rs875989781 AAA AAAA . . RS=rs875989781;Source=dbsnp
NC_000014.9 95096294 rs886037719 AC A . . RS=rs886037719;Source=dbsnp
NC_000014.9 95096299 rs886037718 T A . . RS=rs886037718;Source=dbsnp
NC_000014.9 95096314 rs886037717 CACA CA . . RS=rs886037717;Source=dbsnp
NC_000014.9 95096403 rs886037716 C T . . RS=rs886037716;Source=dbsnp
NC_000014.9 95096409 rs886037715 GC G . . RS=rs886037715;Source=dbsnp
NC_000014.9 95096493 rs886037714 T TA . . RS=rs886037714;Source=dbsnp
NC_000014.9 95096510 rs875989784 AGAAAGA AGA . . RS=rs875989784;Source=dbsnp
NC_000014.9 95096512 rs886037713 AAA A . . RS=rs886037713;Source=dbsnp
NC_000014.9 95096513 rs540502223 A G . . RS=rs540502223;Source=dbsnp
NC_000014.9 95096608 rs886037712 AGTCAG AG . . RS=rs886037712;Source=dbsnp
NC_000014.9 95096658 rs544960260 TCCTCCTCCTC TCCTCCTC . . RS=rs544960260;Source=dbsnp
NC_000014.9 95097375 rs1209904 T C,G . . RS=rs1209904;Source=dbsnp
NC_000014.9 95099219 rs1187655 T A,C . . RS=rs1187655;Source=dbsnp
NC_000014.9 95099769 rs367764979 ACAC A . . RS=rs367764979;Source=dbsnp
NC_000014.9 95099796 rs886037711 C T . . RS=rs886037711;Source=dbsnp
NC_000014.9 95101666 rs12881840 C T . . RS=rs12881840;Source=dbsnp
NC_000014.9 95103345 rs875989783 C T . . RS=rs875989783;Source=dbsnp
NC_000014.9 95103382 rs143454689 C A,T . . RS=rs143454689;Source=dbsnp
NC_000014.9 95103424 rs45562437 C T . . RS=rs45562437;Source=dbsnp
NC_000014.9 95103488 rs886037650 AGAG AG . . RS=rs886037650;Source=dbsnp
NC_000014.9 95103518 rs886037710 ATTGG A . . RS=rs886037710;Source=dbsnp
NC_000014.9 95103619 rs886037709 GG GGG . . RS=rs886037709;Source=dbsnp
NC_000014.9 95103670 rs886037708 G A,C,T . . RS=rs886037708;Source=dbsnp
NC_000014.9 95103720 rs748087536 C A,T . . RS=rs748087536;Source=dbsnp
NC_000014.9 95103738 rs886037707 G A . . RS=rs886037707;Source=dbsnp
NC_000014.9 95103780 rs886037651 TGTAGT A . . RS=rs886037651;Source=dbsnp
NC_000014.9 95103807 rs886037706 AAAA AAA . . RS=rs886037706;Source=dbsnp
NC_000014.9 95103816 rs886037705 TGT T . . RS=rs886037705;Source=dbsnp
NC_000014.9 95103843 rs150514959 C G,T . . RS=rs150514959;Source=dbsnp
NC_000014.9 95103856 rs886037704 G T . . RS=rs886037704;Source=dbsnp
NC_000014.9 95103857 rs886037703 GTA G . . RS=rs886037703;Source=dbsnp
NC_000014.9 95103861 rs886037702 A ATT . . RS=rs886037702;Source=dbsnp
NC_000014.9 95103871 rs886037701 AATTGCTGTAA T . . RS=rs886037701;Source=dbsnp
NC_000014.9 95103931 rs377272036 C A,T . . RS=rs377272036;Source=dbsnp
NC_000014.9 95104062 rs587778229 T C . . RS=rs587778229;Source=dbsnp
NC_000014.9 95104096 rs886037700 TTTTTT TTTTT,TTTTTTT . . RS=rs886037700;Source=dbsnp
NC_000014.9 95104116 rs886037699 AGTTAG AG . . RS=rs886037699;Source=dbsnp
NC_000014.9 95104123 rs886037698 G A,C . . RS=rs886037698;Source=dbsnp
NC_000014.9 95105142 rs114964211 A G . . RS=rs114964211;Source=dbsnp
NC_000014.9 95105165 rs886037697 AAA AAAA . . RS=rs886037697;Source=dbsnp
NC_000014.9 95105203 rs886037696 GAT CATGAGTTCA,NNNNNNNNNN . . RS=rs886037696;Source=dbsnp
NC_000014.9 95105738 rs8019857 C T . . RS=rs8019857;Source=dbsnp
NC_000014.9 95105774 rs12018992 A C . . RS=rs12018992;Source=dbsnp
```

```
NC_000014.9 95106139 rs886037695 CAG C . . RS=rs886037695;Source=dbsnp
NC_000014.9 95106159 rs886037694 GTG TT . . RS=rs886037694;Source=dbsnp
NC_000014.9 95106165 rs886037693 GT G . . RS=rs886037693;Source=dbsnp
NC_000014.9 95106198 rs137852978 G A . . RS=rs137852978;Source=dbsnp
NC_000014.9 95107663 rs886037692 C A . . RS=rs886037692;Source=dbsnp
NC_000014.9 95107879 rs886037691 C A,T . . RS=rs886037691;Source=dbsnp
NC_000014.9 95107916 rs149242330 C T . . RS=rs149242330;Source=dbsnp
NC_000014.9 95107973 rs61729795 T C . . RS=rs61729795;Source=dbsnp
NC_000014.9 95108014 rs387906934 G A . . RS=rs387906934;Source=dbsnp
NC_000014.9 95108368 rs886037690 T TT . . RS=rs886037690;Source=dbsnp
NC_000014.9 95108390 rs112712209 C T . . RS=rs112712209;Source=dbsnp
NC_000014.9 95109077 rs4513027 A G,T . . RS=rs4513027;Source=dbsnp
NC_000014.9 95111326 rs886037689 G T . . RS=rs886037689;Source=dbsnp
NC_000014.9 95111329 rs886037688 G GTAGT . . RS=rs886037688;Source=dbsnp
NC_000014.9 95111329 rs886037687 GC TT . . RS=rs886037687;Source=dbsnp
NC_000014.9 95111337 rs886037686 T C . . RS=rs886037686;Source=dbsnp
NC_000014.9 95111382 rs869025262 C T . . RS=rs869025262;Source=dbsnp
NC_000014.9 95111414 rs886037685 ACA A . . RS=rs886037685;Source=dbsnp
NC_000014.9 95112226 rs886037684 G A,C . . RS=rs886037684;Source=dbsnp
NC_000014.9 95112338 rs2297730 T A,C,G . . RS=rs2297730;Source=dbsnp
NC_000014.9 95113091 rs886037683 C A,T . . RS=rs886037683;Source=dbsnp
NC_000014.9 95113106 rs878855246 G A . . RS=rs878855246;Source=dbsnp
NC_000014.9 95113166 rs754081635 G A,C . . RS=rs754081635;Source=dbsnp
NC_000014.9 95113197 rs61751177 C T . . RS=rs61751177;Source=dbsnp
NC_000014.9 95113222 rs886037682 T TCT,TT . . RS=rs886037682;Source=dbsnp
NC_000014.9 95115624 rs11624081 G A . . RS=rs11624081;Source=dbsnp
NC_000014.9 95115666 rs886037681 CC C . . RS=rs886037681;Source=dbsnp
NC_000014.9 95115687 rs141651702 C T . . RS=rs141651702;Source=dbsnp
NC_000014.9 95115691 rs886037680 TTGATTG TTG . . RS=rs886037680;Source=dbsnp
NC_000014.9 95115704 rs754818927 G A,C . . RS=rs754818927;Source=dbsnp
NC_000014.9 95115746 rs886037679 C CCT . . RS=rs886037679;Source=dbsnp
NC_000014.9 95115749 rs114947750 C A . . RS=rs114947750;Source=dbsnp
NC_000014.9 95115787 rs886037678 AG A . . RS=rs886037678;Source=dbsnp
NC_000014.9 95116207 rs7157322 A C,T . . RS=rs7157322;Source=dbsnp
NC_000014.9 95116452 rs886037677 CC C . . RS=rs886037677;Source=dbsnp
NC_000014.9 95116460 rs749686370 A G . . RS=rs749686370;Source=dbsnp
NC_000014.9 95116489 rs886037676 AAAA AAA . . RS=rs886037676;Source=dbsnp
NC_000014.9 95116509 rs886037675 TAT T . . RS=rs886037675;Source=dbsnp
NC_000014.9 95116520 rs886037674 CAT C . . RS=rs886037674;Source=dbsnp
NC_000014.9 95116554 rs886037673 C A . . RS=rs886037673;Source=dbsnp
NC_000014.9 95116575 rs137852979 G A . . RS=rs137852979;Source=dbsnp
NC_000014.9 95116680 rs886037672 G A . . RS=rs886037672;Source=dbsnp
NC_000014.9 95117624 rs137852977 C A,G . . RS=rs137852977;Source=dbsnp
NC_000014.9 95117633 rs875989782 T A . . RS=rs875989782;Source=dbsnp
NC_000014.9 95117723 rs886037671 C A . . RS=rs886037671;Source=dbsnp
NC_000014.9 95117758 rs192490028 A C . . RS=rs192490028;Source=dbsnp
NC_000014.9 95119799 rs12897280 T C . . RS=rs12897280;Source=dbsnp
NC_000014.9 95124195 rs886037670 C A,T . . RS=rs886037670;Source=dbsnp
```

```
NC_000014.9 95124370 rs886037669 T TT . . RS=rs886037669;Source=dbsnp
NC_000014.9 95124385 rs886037668 TCA G . . RS=rs886037668;Source=dbsnp
NC_000014.9 95124428 rs886037667 C A,T . . RS=rs886037667;Source=dbsnp
NC_000014.9 95124559 rs587778232 T G . . RS=rs587778232;Source=dbsnp
NC_000014.9 95124576 rs757094384 G A,T . . RS=rs757094384;Source=dbsnp
NC_000014.9 95126602 rs886037733 TCTCT T . . RS=rs886037733;Source=dbsnp
NC_000014.9 95126651 rs768248216 G A . . RS=rs768248216;Source=dbsnp
NC_000014.9 95126738 rs886037732 G A . . RS=rs886037732;Source=dbsnp
NC_000014.9 95126742 rs886037731 AGTATACC T . . RS=rs886037731;Source=dbsnp
NC_000014.9 95127870 rs10149095 T A,C,G . . RS=rs10149095;Source=dbsnp
NC_000014.9 95129577 rs886037730 A C,G . . RS=rs886037730;Source=dbsnp
NC_000014.9 95129651 rs372965421 C A,T . . RS=rs372965421;Source=dbsnp
NC_000014.9 95130072 rs763801533 G A,C,T . . RS=rs763801533;Source=dbsnp
NC_000014.9 95132643 rs587778228 G A . . RS=rs587778228;Source=dbsnp
NC_000014.9 95133400 rs147660793 G A . . RS=rs147660793;Source=dbsnp
NC_000014.9 95133403 rs587778227 G A . . RS=rs587778227;Source=dbsnp
NC_000014.9 95133439 rs117358479 T C . . RS=rs117358479;Source=dbsnp
NC_000014.9 95137908 rs140969547 G A . . RS=rs140969547;Source=dbsnp
NC_000014.9 95138791 rs12432281 G A . . RS=rs12432281;Source=dbsnp
NC_000014.9 95144960 rs11160231 A C . . RS=rs11160231;Source=dbsnp
NC_000014.9 95148535 rs11622643 T C . . RS=rs11622643;Source=dbsnp
NC_000014.9 95152561 rs12889800 T C . . RS=rs12889800;Source=dbsnp
NC_000014.9 95152764 rs17091855 C T . . RS=rs17091855;Source=dbsnp
NC_000014.9 95155863 rs6575499 T C . . RS=rs6575499;Source=dbsnp
NC_000014.9 95159374 rs12323635 C T . . RS=rs12323635;Source=dbsnp
NC_000014.9 95185428 rs3814816 G A,C . . RS=rs3814816;Source=dbsnp
NC_000014.9 95194792 rs2282276 T C . . RS=rs2282276;Source=dbsnp
NC_000014.9 95205534 rs1187614 G T . . RS=rs1187614;Source=dbsnp
NC_000014.9 95254341 rs8014194 T A . . RS=rs8014194;Source=dbsnp
NC_000014.9 95270110 rs1884535 C G,T . . RS=rs1884535;Source=dbsnp
NC_000014.9 95282764 rs11623520 G A,C,T . . RS=rs11623520;Source=dbsnp
NC_000014.9 95301043 rs12894609 T A,C . . RS=rs12894609;Source=dbsnp
NC_000014.9 95337519 rs999986 C A . . RS=rs999986;Source=dbsnp
NC_000014.9 95457333 rs2024863 A C,G,T . . RS=rs2024863;Source=dbsnp
NC_000014.9 95477211 rs8020368 T A,C . . RS=rs8020368;Source=dbsnp
NC_000014.9 95490235 rs734313 G A,C,T . . RS=rs734313;Source=dbsnp
NC_000014.9 95496476 rs1885423 G A,C . . RS=rs1885423;Source=dbsnp
NC_000014.9 95535169 rs869320758 CGGGCGTGCGGGCG CGGGCGTGCGGGCGTGCGGGCG
. . RS=rs869320758;Source=dbsnp
NC_000014.9 95535236 rs869320757 GAAGAAG GAAG . . RS=rs869320757;Source=dbsnp
NC_000014.9 95535383 rs121908584 A G . . RS=rs121908584;Source=dbsnp
NC_000014.9 95541473 rs1007813 C G,T . . RS=rs1007813;Source=dbsnp
NC_000014.9 95543952 rs869312752 A C . . RS=rs869312752;Source=dbsnp
NC_000014.9 95544094 rs765487627 T C . . RS=rs765487627;Source=dbsnp
NC_000014.9 95605368 rs911669 T A,C,G . . RS=rs911669;Source=dbsnp
NC_000014.9 95613538 rs1885418 A G . . RS=rs1885418;Source=dbsnp
NC_000014.9 95649946 rs17093106 G T . . RS=rs17093106;Source=dbsnp
NC_000014.9 95656071 rs8015016 A G . . RS=rs8015016;Source=dbsnp
```

```
NC_000014.9 95659539 rs7150527 C T . . RS=rs7150527;Source=dbsnp
NC_000014.9 95690850 rs1064017 G A,T . . RS=rs1064017;Source=dbsnp
NC_000014.9 95702794 rs7158782 A G . . RS=rs7158782;Source=dbsnp
NC_000014.9 95703240 rs7159713 A G,T . . RS=rs7159713;Source=dbsnp
NC_000014.9 95705514 rs2369049 A G . . RS=rs2369049;Source=dbsnp
NC_000014.9 95709641 rs11849538 C G,T . . RS=rs11849538;Source=dbsnp
NC_000014.9 95713905 rs1122138 C A,T . . RS=rs1122138;Source=dbsnp
NC_000014.9 95714358 rs2887399 G A,T . . RS=rs2887399;Source=dbsnp
NC_000014.9 95935702 rs941777 A C,G,T . . RS=rs941777;Source=dbsnp
NC_000014.9 95935757 rs1957127 G A . . RS=rs1957127;Source=dbsnp
NC_000014.9 95936473 rs7155176 C A,G,T . . RS=rs7155176;Source=dbsnp
NC_000014.9 95936941 rs6575554 T A,G . . RS=rs6575554;Source=dbsnp
NC_000014.9 95937940 rs1957126 T A,C . . RS=rs1957126;Source=dbsnp
NC_000014.9 95959443 rs1122359 G A . . RS=rs1122359;Source=dbsnp
NC_000014.9 95979178 rs11847484 A G . . RS=rs11847484;Source=dbsnp
NC_000014.9 96132199 rs12895385 C T . . RS=rs12895385;Source=dbsnp
NC_000014.9 96178806 rs4384548 A G,T . . RS=rs4384548;Source=dbsnp
NC_000014.9 96186284 rs874284 C G,T . . RS=rs874284;Source=dbsnp
NC_000014.9 96193669 rs1889371 T A,C,G . . RS=rs1889371;Source=dbsnp
NC_000014.9 96201939 rs12431885 G A,C . . RS=rs12431885;Source=dbsnp
NC_000014.9 96204324 rs945032 T A,C . . RS=rs945032;Source=dbsnp
NC_000014.9 96204782 rs1800508 C T . . RS=rs1800508;Source=dbsnp
NC_000014.9 96204802 rs1799722 C G,T . . RS=rs1799722;Source=dbsnp
NC_000014.9 96204871 rs71103505 GGTGGGGACGGTGGGGACGGTGGGGAC GGTGGGGACGGTGGGGAC,GGTGGGGACGGTGG
. . RS=rs71103505;Source=dbsnp
NC_000014.9 96204885 rs5223 G T . . RS=rs5223;Source=dbsnp
NC_000014.9 96207270 rs79280755 A G . . RS=rs79280755;Source=dbsnp
NC_000014.9 96209596 rs8016905 A C,G,T . . RS=rs8016905;Source=dbsnp
NC_000014.9 96211921 rs76192091 T C . . RS=rs76192091;Source=dbsnp
NC_000014.9 96212637 rs4900312 A G . . RS=rs4900312;Source=dbsnp
NC_000014.9 96217861 rs945039 A G,T . . RS=rs945039;Source=dbsnp
NC_000014.9 96219959 rs11847625 G A,C . . RS=rs11847625;Source=dbsnp
NC_000014.9 96222271 rs8013400 T A,C,G . . RS=rs8013400;Source=dbsnp
NC_000014.9 96222332 rs4905469 G A,C . . RS=rs4905469;Source=dbsnp
NC_000014.9 96222430 rs8012552 C G,T . . RS=rs8012552;Source=dbsnp
NC_000014.9 96222623 rs4900318 A C,G,T . . RS=rs4900318;Source=dbsnp
NC_000014.9 96224491 rs56274409 A T . . RS=rs56274409;Source=dbsnp
NC_000014.9 96225312 rs4144132 T C . . RS=rs4144132;Source=dbsnp
NC_000014.9 96231027 rs4905474 G A . . RS=rs4905474;Source=dbsnp
NC_000014.9 96235578 rs2069571 C T . . RS=rs2069571;Source=dbsnp
NC_000014.9 96237147 rs1046248 C T . . RS=rs1046248;Source=dbsnp
NC_000014.9 96238679 rs2069579 C A . . RS=rs2069579;Source=dbsnp
NC_000014.9 96241886 rs5225 T A,C . . RS=rs5225;Source=dbsnp
NC_000014.9 96242330 rs2069588 T A,C,G . . RS=rs2069588;Source=dbsnp
NC_000014.9 96242445 rs2069590 A C,G,T . . RS=rs2069590;Source=dbsnp
NC_000014.9 96242495 rs2069591 G T . . RS=rs2069591;Source=dbsnp
NC_000014.9 96255513 rs4905475 G C . . RS=rs4905475;Source=dbsnp
NC_000014.9 96262416 rs12050217 A G . . RS=rs12050217;Source=dbsnp
```

```
NC_000014.9 96266654 rs875964 T A,C . . RS=rs875964;Source=dbsnp
NC_000014.9 96286218 rs10141328 C T . . RS=rs10141328;Source=dbsnp
NC_000014.9 96293516 rs4905480 A C . . RS=rs4905480;Source=dbsnp
NC_000014.9 96302043 rs74719094 T G . . RS=rs74719094;Source=dbsnp
NC_000014.9 96311131 rs3759601 G C . . RS=rs3759601;Source=dbsnp
NC_000014.9 96315575 rs9323945 T A,C,G . . RS=rs9323945;Source=dbsnp
NC_000014.9 96379755 rs2053588 G A,C,T . . RS=rs2053588;Source=dbsnp
NC_000014.9 96397972 rs8019939 A G . . RS=rs8019939;Source=dbsnp
NC_000014.9 96404767 rs2275554 G A . . RS=rs2275554;Source=dbsnp
NC_000014.9 96449891 rs10444759 C T . . RS=rs10444759;Source=dbsnp
NC_000014.9 96456401 rs74090310 A G . . RS=rs74090310;Source=dbsnp
NC_000014.9 96456415 rs2369679 C G,T . . RS=rs2369679;Source=dbsnp
NC_000014.9 96456419 rs587777029 T TT . . RS=rs587777029;Source=dbsnp
NC_000014.9 96620760 rs234592 G A,C . . RS=rs234592;Source=dbsnp
NC_000014.9 96631316 rs735408 C T . . RS=rs735408;Source=dbsnp
NC_000014.9 96637470 rs17094273 G A . . RS=rs17094273;Source=dbsnp
NC_000014.9 96727175 rs11624336 A G . . RS=rs11624336;Source=dbsnp
NC_000014.9 96747780 rs912343 A G . . RS=rs912343;Source=dbsnp
NC_000014.9 96810668 rs722869 C G . . RS=rs722869;Source=dbsnp
NC_000014.9 96815410 rs78043256 G A . . RS=rs78043256;Source=dbsnp
NC_000014.9 96825905 rs764300 T G . . RS=rs764300;Source=dbsnp
NC_000014.9 96833516 rs2145635 A G,T . . RS=rs2145635;Source=dbsnp
NC_000014.9 96846144 rs773138218 G A,C . . RS=rs773138218;Source=dbsnp
NC_000014.9 96847326 rs371295780 A G . . RS=rs371295780;Source=dbsnp
NC_000014.9 96852853 rs387906830 C G,T . . RS=rs387906830;Source=dbsnp
NC_000014.9 96855352 rs2230532 C T . . RS=rs2230532;Source=dbsnp
NC_000014.9 96855353 rs771364038 G A,T . . RS=rs771364038;Source=dbsnp
NC_000014.9 96856555 rs139476915 G T . . RS=rs139476915;Source=dbsnp
NC_000014.9 96860628 rs772731615 C T . . RS=rs772731615;Source=dbsnp
NC_000014.9 96860687 rs147853760 C T . . RS=rs147853760;Source=dbsnp
NC_000014.9 96860736 rs869312959 G A . . RS=rs869312959;Source=dbsnp
NC_000014.9 96869691 rs1957137 C G,T . . RS=rs1957137;Source=dbsnp
NC_000014.9 96871409 rs17191471 A C,T . . RS=rs17191471;Source=dbsnp
NC_000014.9 96876033 rs137853063 C G,T . . RS=rs137853063;Source=dbsnp
NC_000014.9 96876111 rs147604836 A G . . RS=rs147604836;Source=dbsnp
NC_000014.9 96973814 rs1016247 A G . . RS=rs1016247;Source=dbsnp
NC_000014.9 97005894 rs17688225 G A,T . . RS=rs17688225;Source=dbsnp
NC_000014.9 97026174 rs12883544 C T . . RS=rs12883544;Source=dbsnp
NC_000014.9 97036408 rs1683119 G A,C,T . . RS=rs1683119;Source=dbsnp
NC_000014.9 97072834 rs11627513 C T . . RS=rs11627513;Source=dbsnp
NC_000014.9 97164530 rs10140345 A T . . RS=rs10140345;Source=dbsnp
NC_000014.9 97256934 rs1952299 C A . . RS=rs1952299;Source=dbsnp
NC_000014.9 97346319 rs11623728 G A . . RS=rs11623728;Source=dbsnp
NC_000014.9 97356556 rs234440 C A,T . . RS=rs234440;Source=dbsnp
NC_000014.9 97369307 rs17095290 A C,T . . RS=rs17095290;Source=dbsnp
NC_000014.9 97377773 rs7144551 G C,T . . RS=rs7144551;Source=dbsnp
NC_000014.9 97383563 rs17095330 G A . . RS=rs17095330;Source=dbsnp
NC_000014.9 97391395 rs8011773 C T . . RS=rs8011773;Source=dbsnp
```

```
NC_000014.9 97493694 rs12433290 A G . . RS=rs12433290;Source=dbsnp
NC_000014.9 97727875 rs1462256 C A,G,T . . RS=rs1462256;Source=dbsnp
NC_000014.9 97859009 rs2615453 A G,T . . RS=rs2615453;Source=dbsnp
NC_000014.9 97940088 rs2809115 A G,T . . RS=rs2809115;Source=dbsnp
NC_000014.9 97969359 rs2124843 T A,C,G . . RS=rs2124843;Source=dbsnp
NC_000014.9 97973143 rs2776601 C A,G,T . . RS=rs2776601;Source=dbsnp
NC_000014.9 98012267 rs876188 G A . . RS=rs876188;Source=dbsnp
NC_000014.9 98021670 rs1456988 G C,T . . RS=rs1456988;Source=dbsnp
NC_000014.9 98027742 rs8019853 A C,G,T . . RS=rs8019853;Source=dbsnp
NC_000014.9 98030842 rs12892356 G T . . RS=rs12892356;Source=dbsnp
NC_000014.9 98032614 rs4900384 A C,G . . RS=rs4900384;Source=dbsnp
NC_000014.9 98035882 rs8015529 C G . . RS=rs8015529;Source=dbsnp
NC_000014.9 98068349 rs710285 A G . . RS=rs710285;Source=dbsnp
NC_000014.9 98083046 rs10782490 T A,C . . RS=rs10782490;Source=dbsnp
NC_000014.9 98085829 rs1121704 G A . . RS=rs1121704;Source=dbsnp
NC_000014.9 98116322 rs17773233 G T . . RS=rs17773233;Source=dbsnp
NC_000014.9 98121332 rs9323989 T C . . RS=rs9323989;Source=dbsnp
NC_000014.9 98121984 rs7152623 G A . . RS=rs7152623;Source=dbsnp
NC_000014.9 98126027 rs1381289 C T . . RS=rs1381289;Source=dbsnp
NC_000014.9 98137514 rs1461587 T C,G . . RS=rs1461587;Source=dbsnp
NC_000014.9 98141346 rs7161307 C T . . RS=rs7161307;Source=dbsnp
NC_000014.9 98149434 rs1381281 T C . . RS=rs1381281;Source=dbsnp
NC_000014.9 98162606 rs987514 C T . . RS=rs987514;Source=dbsnp
NC_000014.9 98174878 rs7152530 G A . . RS=rs7152530;Source=dbsnp
NC_000014.9 98176235 rs10484128 C G,T . . RS=rs10484128;Source=dbsnp
NC_000014.9 98182723 rs1381273 C G,T . . RS=rs1381273;Source=dbsnp
NC_000014.9 98183479 rs9323992 C A,T . . RS=rs9323992;Source=dbsnp
NC_000014.9 98254567 rs1892234 G A . . RS=rs1892234;Source=dbsnp
NC_000014.9 98309160 rs8015534 A C . . RS=rs8015534;Source=dbsnp
NC_000014.9 98347982 rs1459134 A C,G,T . . RS=rs1459134;Source=dbsnp
NC_000014.9 98374106 rs1459148 C T . . RS=rs1459148;Source=dbsnp
NC_000014.9 98379194 rs873196 C A,G,T . . RS=rs873196;Source=dbsnp
NC_000014.9 98604151 rs1951096 T C . . RS=rs1951096;Source=dbsnp
NC_000014.9 98628946 rs926949 T G . . RS=rs926949;Source=dbsnp
NC_000014.9 98671130 rs1950475 C G,T . . RS=rs1950475;Source=dbsnp
NC_000014.9 98716289 rs4905757 T C,G . . RS=rs4905757;Source=dbsnp
NC_000014.9 98766512 rs1955897 T A,C,G . . RS=rs1955897;Source=dbsnp
NC_000014.9 98787869 rs175579 T A . . RS=rs175579;Source=dbsnp
NC_000014.9 98814311 rs17097827 G A . . RS=rs17097827;Source=dbsnp
NC_000014.9 98900353 rs8022678 A C,G . . RS=rs8022678;Source=dbsnp
NC_000014.9 98947335 rs807339 C G,T . . RS=rs807339;Source=dbsnp
NC_000014.9 99013332 rs4905794 G A,C,T . . RS=rs4905794;Source=dbsnp
NC_000014.9 99025855 rs1257669 G A . . RS=rs1257669;Source=dbsnp
NC_000014.9 99172933 rs1152781 T A,G . . RS=rs1152781;Source=dbsnp
NC_000014.9 99175513 rs750610248 A C,G . . RS=rs750610248;Source=dbsnp
NC_000014.9 99213170 rs3994992 C T . . RS=rs3994992;Source=dbsnp
NC_000014.9 99244506 rs1152790 C A,T . . RS=rs1152790;Source=dbsnp
NC_000014.9 99245057 rs1152793 T C . . RS=rs1152793;Source=dbsnp
```

```
NC_000014.9 99348475 rs1704175 G T . . RS=rs1704175;Source=dbsnp
NC_000014.9 99362439 rs1257282 G A . . RS=rs1257282;Source=dbsnp
NC_000014.9 99495493 rs2069492 T C . . RS=rs2069492;Source=dbsnp
NC_000014.9 99510485 rs746815273 G A,C . . RS=rs746815273;Source=dbsnp
NC_000014.9 99510563 rs776290356 A C,G . . RS=rs776290356;Source=dbsnp
NC_000014.9 99510569 rs759190666 A C . . RS=rs759190666;Source=dbsnp
NC_000014.9 99530437 rs4905848 G A . . RS=rs4905848;Source=dbsnp
NC_000014.9 99557059 rs4445835 C A,T . . RS=rs4445835;Source=dbsnp
NC_000014.9 99609436 rs11160533 C T . . RS=rs11160533;Source=dbsnp
NC_000014.9 99637992 rs17098912 G A,C . . RS=rs17098912;Source=dbsnp
NC_000014.9 99660375 rs193920989 G C . . RS=rs193920989;Source=dbsnp
NC_000014.9 99667605 rs2895811 T A,C . . RS=rs2895811;Source=dbsnp
NC_000014.9 99679373 rs10139550 C G,T . . RS=rs10139550;Source=dbsnp
NC_000014.9 99682624 rs8003602 T A,C,G . . RS=rs8003602;Source=dbsnp
NC_000014.9 99683121 rs3783320 A C,G,T . . RS=rs3783320;Source=dbsnp
NC_000014.9 99684108 rs7157609 G A . . RS=rs7157609;Source=dbsnp
NC_000014.9 99691630 rs754203 A C,G,T . . RS=rs754203;Source=dbsnp
NC_000014.9 99691904 rs4900442 C T . . RS=rs4900442;Source=dbsnp
NC_000014.9 99722950 rs10151332 C T . . RS=rs10151332;Source=dbsnp
NC_000014.9 99746972 rs9324014 G A,C,T . . RS=rs9324014;Source=dbsnp
NC_000014.9 99751945 rs10148112 G A,C,T . . RS=rs10148112;Source=dbsnp
NC_000014.9 99764569 rs10873510 T A,C,G . . RS=rs10873510;Source=dbsnp
NC_000014.9 99789586 rs17099050 T G . . RS=rs17099050;Source=dbsnp
NC_000014.9 99855474 rs3783322 A G . . RS=rs3783322;Source=dbsnp
NC_000014.9 99878513 rs886037935 C A,T . . RS=rs886037935;Source=dbsnp
NC_000014.9 99894754 rs886037937 T C . . RS=rs886037937;Source=dbsnp
NC_000014.9 99897194 rs886037936 A G . . RS=rs886037936;Source=dbsnp
NC_000014.9 99937279 rs11160562 A C,G . . RS=rs11160562;Source=dbsnp
NC_000014.9 99950319 rs941838 C A,G,T . . RS=rs941838;Source=dbsnp
NC_000014.9 100031649 rs1190983 T C,G . . RS=rs1190983;Source=dbsnp
NC_000014.9 100115299 rs11160570 T A,C,G . . RS=rs11160570;Source=dbsnp
NC_000014.9 100116993 rs7159195 G A,C . . RS=rs7159195;Source=dbsnp
NC_000014.9 100117012 rs7158754 A C,G,T . . RS=rs7158754;Source=dbsnp
NC_000014.9 100117612 rs2181102 G A,C . . RS=rs2181102;Source=dbsnp
NC_000014.9 100120420 rs3783332 A C,G,T . . RS=rs3783332;Source=dbsnp
NC_000014.9 100128941 rs3783337 T A,C,G . . RS=rs3783337;Source=dbsnp
NC_000014.9 100133100 rs941898 G T . . RS=rs941898;Source=dbsnp
NC_000014.9 100137062 rs941900 C A,G . . RS=rs941900;Source=dbsnp
NC_000014.9 100148786 rs878077 G A . . RS=rs878077;Source=dbsnp
NC_000014.9 100152137 rs2895845 G A . . RS=rs2895845;Source=dbsnp
NC_000014.9 100159565 rs7157599 C T . . RS=rs7157599;Source=dbsnp
NC_000014.9 100187393 rs8007801 G A,C . . RS=rs8007801;Source=dbsnp
NC_000014.9 100217855 rs2766692 A G,T . . RS=rs2766692;Source=dbsnp
NC_000014.9 100239779 rs1131692046 A T . . RS=rs1131692046;Source=dbsnp
NC_000014.9 100257240 rs11625658 C A,G . . RS=rs11625658;Source=dbsnp
NC_000014.9 100259101 rs4905941 A C,G . . RS=rs4905941;Source=dbsnp
NC_000014.9 100276616 rs1131692045 C T . . RS=rs1131692045;Source=dbsnp
NC_000014.9 100277451 rs1131692044 C G . . RS=rs1131692044;Source=dbsnp
```

```
NC_000014.9 100277452 rs1131692163 T C . . RS=rs1131692163;Source=dbsnp
NC_000014.9 100277493 rs1131692043 G T . . RS=rs1131692043;Source=dbsnp
NC_000014.9 100282507 rs9291 A C . . RS=rs9291;Source=dbsnp
NC_000014.9 100302826 rs1059264 C A,G,T . . RS=rs1059264;Source=dbsnp
NC_000014.9 100307866 rs72631832 C T . . RS=rs72631832;Source=dbsnp
NC_000014.9 100325815 rs193920797 C T . . RS=rs193920797;Source=dbsnp
NC_000014.9 100330064 rs3736951 C G,T . . RS=rs3736951;Source=dbsnp
NC_000014.9 100341818 rs1570305 G A,C,T . . RS=rs1570305;Source=dbsnp
NC_000014.9 100342508 rs9453 G A,C,T . . RS=rs9453;Source=dbsnp
NC_000014.9 100370016 rs941931 C T . . RS=rs941931;Source=dbsnp
NC_000014.9 100374259 rs941928 G C . . RS=rs941928;Source=dbsnp
NC_000014.9 100376300 rs2273804 C G . . RS=rs2273804;Source=dbsnp
NC_000014.9 100376562 rs2273802 G A . . RS=rs2273802;Source=dbsnp
NC_000014.9 100416068 rs10144321 A G,T . . RS=rs10144321;Source=dbsnp
NC_000014.9 100468038 rs796052162 C A . . RS=rs796052162;Source=dbsnp
NC_000014.9 100565880 rs6575793 T A,C,G . . RS=rs6575793;Source=dbsnp
NC_000014.9 100582060 rs10873519 C T . . RS=rs10873519;Source=dbsnp
NC_000014.9 100603132 rs1190870 C T . . RS=rs1190870;Source=dbsnp
NC_000014.9 100634249 rs7144384 G A . . RS=rs7144384;Source=dbsnp
NC_000014.9 100649196 rs7160413 G A . . RS=rs7160413;Source=dbsnp
NC_000014.9 100653897 rs1018534 T G . . RS=rs1018534;Source=dbsnp
NC_000014.9 100654937 rs1467537 T C . . RS=rs1467537;Source=dbsnp
NC_000014.9 100668981 rs1951033 T C . . RS=rs1951033;Source=dbsnp
NC_000014.9 100676553 rs730570 G A . . RS=rs730570;Source=dbsnp
NC_000014.9 100684675 rs11620937 C G,T . . RS=rs11620937;Source=dbsnp
NC_000014.9 100693079 rs7149242 T A,G . . RS=rs7149242;Source=dbsnp
NC_000014.9 100715444 rs4905998 A G . . RS=rs4905998;Source=dbsnp
NC_000014.9 100719838 rs12147008 C G,T . . RS=rs12147008;Source=dbsnp
NC_000014.9 100728224 rs10139403 A G . . RS=rs10139403;Source=dbsnp
NC_000014.9 100734308 rs1802710 T A,C,G . . RS=rs1802710;Source=dbsnp
NC_000014.9 100734443 rs2295660 T C . . RS=rs2295660;Source=dbsnp
NC_000014.9 100809613 rs12437020 G A,C,T . . RS=rs12437020;Source=dbsnp
NC_000014.9 100811237 rs10133627 C T . . RS=rs10133627;Source=dbsnp
NC_000014.9 100824126 rs11627993 C A,G . . RS=rs11627993;Source=dbsnp
NC_000014.9 100829464 rs45617834 C G,T . . RS=rs45617834;Source=dbsnp
NC_000014.9 100829493 rs941575 G A,C . . RS=rs941575;Source=dbsnp
NC_000014.9 100831626 rs3087918 T G . . RS=rs3087918;Source=dbsnp
NC_000014.9 100834675 rs10132552 T C,G . . RS=rs10132552;Source=dbsnp
NC_000014.9 100835753 rs8013873 C T . . RS=rs8013873;Source=dbsnp
NC_000014.9 100835958 rs4378559 C G,T . . RS=rs4378559;Source=dbsnp
NC_000014.9 100839708 rs941576 A G . . RS=rs941576;Source=dbsnp
NC_000014.9 100840505 rs34552516 CC C . . RS=rs34552516;Source=dbsnp
NC_000014.9 100846532 rs1054013 G A . . RS=rs1054013;Source=dbsnp
NC_000014.9 100846756 rs11160608 A C,T . . RS=rs11160608;Source=dbsnp
NC_000014.9 100853087 rs7158663 A G . . RS=rs7158663;Source=dbsnp
NC_000014.9 100855451 rs4081134 G A . . RS=rs4081134;Source=dbsnp
NC_000014.9 100859625 rs10144253 C G,T . . RS=rs10144253;Source=dbsnp
NC_000014.9 100863372 rs721910 C A,G,T . . RS=rs721910;Source=dbsnp
```

```
NC_000014.9 100863466 rs721909 G A,T . . RS=rs721909;Source=dbsnp
NC_000014.9 100881018 rs76090066 C T . . RS=rs76090066;Source=dbsnp
NC_000014.9 100881071 rs12884005 G A . . RS=rs12884005;Source=dbsnp
NC_000014.9 100882680 rs6575805 A G . . RS=rs6575805;Source=dbsnp
NC_000014.9 100898928 rs2180386 C A,G,T . . RS=rs2180386;Source=dbsnp
NC_000014.9 100907636 rs1950626 A C,G,T . . RS=rs1950626;Source=dbsnp
NC_000014.9 100929369 rs2400963 A G . . RS=rs2400963;Source=dbsnp
NC_000014.9 101022077 rs61991156 A G . . RS=rs61991156;Source=dbsnp
NC_000014.9 101022087 rs72631818 G A . . RS=rs72631818;Source=dbsnp
NC_000014.9 101023808 rs41286566 C A,T . . RS=rs41286566;Source=dbsnp
NC_000014.9 101026793 rs34557733 AA AAA . . RS=rs34557733;Source=dbsnp
NC_000014.9 101026963 rs10132943 G A . . RS=rs10132943;Source=dbsnp
NC_000014.9 101033612 rs2281611 G A,C,T . . RS=rs2281611;Source=dbsnp
NC_000014.9 101037672 rs12590815 C T . . RS=rs12590815;Source=dbsnp
NC_000014.9 101041390 rs12894467 C T . . RS=rs12894467;Source=dbsnp
NC_000014.9 101044276 rs11844707 G A,C . . RS=rs11844707;Source=dbsnp
NC_000014.9 101046750 rs12100867 C G,T . . RS=rs12100867;Source=dbsnp
NC_000014.9 101056219 rs56103835 T A,C . . RS=rs56103835;Source=dbsnp
NC_000014.9 101056252 rs75330474 C T . . RS=rs75330474;Source=dbsnp
NC_000014.9 101059790 rs41286570 G A,C . . RS=rs41286570;Source=dbsnp
NC_000014.9 101059844 rs41286572 G A,C . . RS=rs41286572;Source=dbsnp
NC_000014.9 101065396 rs61992670 C T . . RS=rs61992670;Source=dbsnp
NC_000014.9 101065517 rs61992671 A G . . RS=rs61992671;Source=dbsnp
NC_000014.9 101066756 rs58834075 C G,T . . RS=rs58834075;Source=dbsnp
NC_000014.9 101213181 rs1981266 C T . . RS=rs1981266;Source=dbsnp
NC_000014.9 101295704 rs12434898 C A,G . . RS=rs12434898;Source=dbsnp
NC_000014.9 101497049 rs1889364 A G . . RS=rs1889364;Source=dbsnp
NC_000014.9 101556742 rs1190715 T C,G . . RS=rs1190715;Source=dbsnp
NC_000014.9 101558821 rs8011440 C T . . RS=rs8011440;Source=dbsnp
NC_000014.9 101558887 rs1190716 C T . . RS=rs1190716;Source=dbsnp
NC_000014.9 101562940 rs945006 T G . . RS=rs945006;Source=dbsnp
NC_000014.9 101566903 rs17716499 T C,G . . RS=rs17716499;Source=dbsnp
NC_000014.9 101568029 rs7150269 A C,G,T . . RS=rs7150269;Source=dbsnp
NC_000014.9 101836035 rs10431745 A G . . RS=rs10431745;Source=dbsnp
NC_000014.9 101849579 rs1746595 A G . . RS=rs1746595;Source=dbsnp
NC_000014.9 101862761 rs7145618 T C . . RS=rs7145618;Source=dbsnp
NC_000014.9 101875313 rs1677999 T C . . RS=rs1677999;Source=dbsnp
NC_000014.9 101876836 rs1741140 C T . . RS=rs1741140;Source=dbsnp
NC_000014.9 101879356 rs2749907 G A . . RS=rs2749907;Source=dbsnp
NC_000014.9 101882240 rs869320755 CAAC C . . RS=rs869320755;Source=dbsnp
NC_000014.9 101893025 rs193920829 C G . . RS=rs193920829;Source=dbsnp
NC_000014.9 101894408 rs7142002 T C . . RS=rs7142002;Source=dbsnp
NC_000014.9 101911437 rs2720208 A G . . RS=rs2720208;Source=dbsnp
NC_000014.9 101975761 rs17540624 C T . . RS=rs17540624;Source=dbsnp
NC_000014.9 101979343 rs372944247 C T . . RS=rs372944247;Source=dbsnp
NC_000014.9 101979824 rs3818188 G A,T . . RS=rs3818188;Source=dbsnp
NC_000014.9 101979951 rs879253979 C G,T . . RS=rs879253979;Source=dbsnp
NC_000014.9 101980380 rs713993043 G A,T . . RS=rs713993043;Source=dbsnp
```

```
NC_000014.9 101980418 rs1057518935 T G . . RS=rs1057518935;Source=dbsnp
NC_000014.9 101980506 rs387906738 A G . . RS=rs387906738;Source=dbsnp
NC_000014.9 101980515 rs797045177 G A . . RS=rs797045177;Source=dbsnp
NC_000014.9 101983179 rs777210028 T A . . RS=rs777210028;Source=dbsnp
NC_000014.9 101985925 rs587781253 G A . . RS=rs587781253;Source=dbsnp
NC_000014.9 101985931 rs797045178 G A,C . . RS=rs797045178;Source=dbsnp
NC_000014.9 101985975 rs387906741 A C . . RS=rs387906741;Source=dbsnp
NC_000014.9 101986017 rs587780564 C T . . RS=rs587780564;Source=dbsnp
NC_000014.9 101986236 rs387906742 A G . . RS=rs387906742;Source=dbsnp
NC_000014.9 101986736 rs17512054 A G . . RS=rs17512054;Source=dbsnp
NC_000014.9 101988573 rs12161908 G C . . RS=rs12161908;Source=dbsnp
NC_000014.9 101988697 rs199763298 C T . . RS=rs199763298;Source=dbsnp
NC_000014.9 101988721 rs372740994 G A . . RS=rs372740994;Source=dbsnp
NC_000014.9 101991567 rs387906743 A G . . RS=rs387906743;Source=dbsnp
NC_000014.9 101991691 rs2749894 C G,T . . RS=rs2749894;Source=dbsnp
NC_000014.9 101994252 rs775528195 T G . . RS=rs775528195;Source=dbsnp
NC_000014.9 101994329 rs200905961 G A . . RS=rs200905961;Source=dbsnp
NC_000014.9 101995066 rs772761222 C T . . RS=rs772761222;Source=dbsnp
NC_000014.9 101995071 rs587780331 C T . . RS=rs587780331;Source=dbsnp
NC_000014.9 101997070 rs12893215 A G . . RS=rs12893215;Source=dbsnp
NC_000014.9 101997073 rs727505393 G A,T . . RS=rs727505393;Source=dbsnp
NC_000014.9 101997217 rs748930886 C T . . RS=rs748930886;Source=dbsnp
NC_000014.9 101997274 rs757595764 G A,T . . RS=rs757595764;Source=dbsnp
NC_000014.9 102000093 rs34690489 G A,T . . RS=rs34690489;Source=dbsnp
NC_000014.9 102001255 rs150374820 C G . . RS=rs150374820;Source=dbsnp
NC_000014.9 102001356 rs192594531 C T . . RS=rs192594531;Source=dbsnp
NC_000014.9 102001510 rs2251644 A G . . RS=rs2251644;Source=dbsnp
NC_000014.9 102001648 rs116089522 C T . . RS=rs116089522;Source=dbsnp
NC_000014.9 102001654 rs186932188 G A . . RS=rs186932188;Source=dbsnp
NC_000014.9 102001687 rs375822798 G A . . RS=rs375822798;Source=dbsnp
NC_000014.9 102002546 rs387906740 G A . . RS=rs387906740;Source=dbsnp
NC_000014.9 102002694 rs797044901 G A,T . . RS=rs797044901;Source=dbsnp
NC_000014.9 102005098 rs139919955 A G . . RS=rs139919955;Source=dbsnp
NC_000014.9 102005101 rs149395439 G A,C,T . . RS=rs149395439;Source=dbsnp
NC_000014.9 102005114 rs139842853 G A . . RS=rs139842853;Source=dbsnp
NC_000014.9 102006109 rs538791873 T A,C . . RS=rs538791873;Source=dbsnp
NC_000014.9 102006912 rs10142230 T C . . RS=rs10142230;Source=dbsnp
NC_000014.9 102008267 rs758999145 G A,T . . RS=rs758999145;Source=dbsnp
NC_000014.9 102009850 rs140841480 C T . . RS=rs140841480;Source=dbsnp
NC_000014.9 102010802 rs797045531 G A . . RS=rs797045531;Source=dbsnp
NC_000014.9 102012018 rs150603103 C T . . RS=rs150603103;Source=dbsnp
NC_000014.9 102012450 rs1057518961 C T . . RS=rs1057518961;Source=dbsnp
NC_000014.9 102015227 rs17512439 G A . . RS=rs17512439;Source=dbsnp
NC_000014.9 102015280 rs751820545 G A . . RS=rs751820545;Source=dbsnp
NC_000014.9 102015282 rs141525226 C T . . RS=rs141525226;Source=dbsnp
NC_000014.9 102015293 rs150888094 A C . . RS=rs150888094;Source=dbsnp
NC_000014.9 102015314 rs587780330 C T . . RS=rs587780330;Source=dbsnp
NC_000014.9 102015329 rs138407720 G T . . RS=rs138407720;Source=dbsnp
```

```
NC_000014.9 102016016 rs797045532 A T . . RS=rs797045532;Source=dbsnp
NC_000014.9 102016062 rs17541158 C A,T . . RS=rs17541158;Source=dbsnp
NC_000014.9 102016071 rs17541165 G T . . RS=rs17541165;Source=dbsnp
NC_000014.9 102016399 rs17541179 A G . . RS=rs17541179;Source=dbsnp
NC_000014.9 102016791 rs1057518888 C T . . RS=rs1057518888;Source=dbsnp
NC_000014.9 102016897 rs797045533 C T . . RS=rs797045533;Source=dbsnp
NC_000014.9 102016909 rs145487328 C G,T . . RS=rs145487328;Source=dbsnp
NC_000014.9 102017123 rs797045534 A G . . RS=rs797045534;Source=dbsnp
NC_000014.9 102017157 rs797045535 G A . . RS=rs797045535;Source=dbsnp
NC_000014.9 102020051 rs146220233 A G . . RS=rs146220233;Source=dbsnp
NC_000014.9 102027278 rs797045536 A G . . RS=rs797045536;Source=dbsnp
NC_000014.9 102027424 rs8010870 A G,T . . RS=rs8010870;Source=dbsnp
NC_000014.9 102027516 rs797045537 G A . . RS=rs797045537;Source=dbsnp
NC_000014.9 102027639 rs532073330 A G . . RS=rs532073330;Source=dbsnp
NC_000014.9 102027708 rs34338935 G A,T . . RS=rs34338935;Source=dbsnp
NC_000014.9 102028045 rs797045538 T C . . RS=rs797045538;Source=dbsnp
NC_000014.9 102028076 rs1049866462 C A . . RS=rs1049866462;Source=dbsnp
NC_000014.9 102029519 rs2720210 A G,T . . RS=rs2720210;Source=dbsnp
NC_000014.9 102029930 rs797044918 AAGAAGAAG AAGAAG . . RS=rs797044918;Source=dbsnp
NC_000014.9 102030015 rs2253998 C A . . RS=rs2253998;Source=dbsnp
NC_000014.9 102032348 rs746026558 G A,T . . RS=rs746026558;Source=dbsnp
NC_000014.9 102032396 rs397509410 G T . . RS=rs397509410;Source=dbsnp
NC_000014.9 102032419 rs397509412 G A . . RS=rs397509412;Source=dbsnp
NC_000014.9 102032421 rs797044928 G A . . RS=rs797044928;Source=dbsnp
NC_000014.9 102032453 rs80096622 T C,G . . RS=rs80096622;Source=dbsnp
NC_000014.9 102033136 rs397509411 G A . . RS=rs397509411;Source=dbsnp
NC_000014.9 102034110 rs760532492 C T . . RS=rs760532492;Source=dbsnp
NC_000014.9 102034354 rs587780329 C T . . RS=rs587780329;Source=dbsnp
NC_000014.9 102036543 rs772324981 A G . . RS=rs772324981;Source=dbsnp
NC_000014.9 102036566 rs760957660 G A . . RS=rs760957660;Source=dbsnp
NC_000014.9 102036652 rs201277756 G A . . RS=rs201277756;Source=dbsnp
NC_000014.9 102038501 rs17541505 C T . . RS=rs17541505;Source=dbsnp
NC_000014.9 102038567 rs199679500 G A . . RS=rs199679500;Source=dbsnp
NC_000014.9 102038781 rs143642514 A G . . RS=rs143642514;Source=dbsnp
NC_000014.9 102038825 rs797045529 G A,C . . RS=rs797045529;Source=dbsnp
NC_000014.9 102039416 rs387906739 A C . . RS=rs387906739;Source=dbsnp
NC_000014.9 102039471 rs369351359 A G . . RS=rs369351359;Source=dbsnp
NC_000014.9 102039727 rs17541519 C T . . RS=rs17541519;Source=dbsnp
NC_000014.9 102040266 rs774840535 C A . . RS=rs774840535;Source=dbsnp
NC_000014.9 102040310 rs141696238 C G,T . . RS=rs141696238;Source=dbsnp
NC_000014.9 102040330 rs867293260 G A . . RS=rs867293260;Source=dbsnp
NC_000014.9 102041124 rs941793 A G . . RS=rs941793;Source=dbsnp
NC_000014.9 102041574 rs138428684 C G . . RS=rs138428684;Source=dbsnp
NC_000014.9 102041719 rs10129889 C A . . RS=rs10129889;Source=dbsnp
NC_000014.9 102041740 rs377669980 G A . . RS=rs377669980;Source=dbsnp
NC_000014.9 102042091 rs797045530 G A . . RS=rs797045530;Source=dbsnp
NC_000014.9 102042121 rs797044851 A G . . RS=rs797044851;Source=dbsnp
NC_000014.9 102042663 rs867634752 G A . . RS=rs867634752;Source=dbsnp
```

```
NC_000014.9 102043950 rs879254018 G A . . RS=rs879254018;Source=dbsnp
NC_000014.9 102044348 rs529010293 C T . . RS=rs529010293;Source=dbsnp
NC_000014.9 102044423 rs201126154 C T . . RS=rs201126154;Source=dbsnp
NC_000014.9 102047890 rs13749 T C . . RS=rs13749;Source=dbsnp
NC_000014.9 102047917 rs369577172 G A . . RS=rs369577172;Source=dbsnp
NC_000014.9 102047923 rs372518648 C T . . RS=rs372518648;Source=dbsnp
NC_000014.9 102047991 rs149300055 C T . . RS=rs149300055;Source=dbsnp
NC_000014.9 102048507 rs17541650 C T . . RS=rs17541650;Source=dbsnp
NC_000014.9 102048558 rs376492799 G A,T . . RS=rs376492799;Source=dbsnp
NC_000014.9 102048575 rs777098264 C T . . RS=rs777098264;Source=dbsnp
NC_000014.9 102048678 rs1004903 G A . . RS=rs1004903;Source=dbsnp
NC_000014.9 102049507 rs150286673 C T . . RS=rs150286673;Source=dbsnp
NC_000014.9 102050104 rs571005578 A G . . RS=rs571005578;Source=dbsnp
NC_000014.9 102050105 rs886050377 C G,T . . RS=rs886050377;Source=dbsnp
NC_000014.9 102050136 rs544608488 G A,T . . RS=rs544608488;Source=dbsnp
NC_000014.9 102068203 rs12434439 G C,T . . RS=rs12434439;Source=dbsnp
NC_000014.9 102081408 rs2298878 G A,C . . RS=rs2298878;Source=dbsnp
NC_000014.9 102081814 rs11547523 A G . . RS=rs11547523;Source=dbsnp
NC_000014.9 102081887 rs2298877 T A,C,G . . RS=rs2298877;Source=dbsnp
NC_000014.9 102083502 rs7155973 A C,G,T . . RS=rs7155973;Source=dbsnp
NC_000014.9 102084466 rs4947 G A . . RS=rs4947;Source=dbsnp
NC_000014.9 102086438 rs3736807 T A,C,G . . RS=rs3736807;Source=dbsnp
NC_000014.9 102088215 rs4906178 T A,C,G . . RS=rs4906178;Source=dbsnp
NC_000014.9 102088454 rs3809386 G A,C,T . . RS=rs3809386;Source=dbsnp
NC_000014.9 102090406 rs11621560 C A,G,T . . RS=rs11621560;Source=dbsnp
NC_000014.9 102097822 rs7160651 G A . . RS=rs7160651;Source=dbsnp
NC_000014.9 102101959 rs10873531 G A,C . . RS=rs10873531;Source=dbsnp
NC_000014.9 102102030 rs8005905 T A,C,G . . RS=rs8005905;Source=dbsnp
NC_000014.9 102119876 rs7157967 T C . . RS=rs7157967;Source=dbsnp
NC_000014.9 102129193 rs1190597 G A,C,T . . RS=rs1190597;Source=dbsnp
NC_000014.9 102143256 rs1190584 C T . . RS=rs1190584;Source=dbsnp
NC_000014.9 102326049 rs7158731 T C . . RS=rs7158731;Source=dbsnp
NC_000014.9 102342318 rs11704 G C . . RS=rs11704;Source=dbsnp
NC_000014.9 102348559 rs1060499740 A C . . RS=rs1060499740;Source=dbsnp
NC_000014.9 102348705 rs7011 C T . . RS=rs7011;Source=dbsnp
NC_000014.9 102396422 rs4906195 A G,T . . RS=rs4906195;Source=dbsnp
NC_000014.9 102402141 rs12434098 T C . . RS=rs12434098;Source=dbsnp
NC_000014.9 102432030 rs750908377 CT C . . RS=rs750908377;Source=dbsnp
NC_000014.9 102434864 rs10149146 A G . . RS=rs10149146;Source=dbsnp
NC_000014.9 102438750 rs1190547 G C . . RS=rs1190547;Source=dbsnp
NC_000014.9 102452403 rs751970061 CT C . . RS=rs751970061;Source=dbsnp
NC_000014.9 102539710 rs12879262 G C . . RS=rs12879262;Source=dbsnp
NC_000014.9 102573750 rs11628318 T A,C,G . . RS=rs11628318;Source=dbsnp
NC_000014.9 102647215 rs714827 G A,C,T . . RS=rs714827;Source=dbsnp
NC_000014.9 102771171 rs10131139 T A,C,G . . RS=rs10131139;Source=dbsnp
NC_000014.9 102771441 rs7143468 G A,T . . RS=rs7143468;Source=dbsnp
NC_000014.9 102797451 rs12148050 A G . . RS=rs12148050;Source=dbsnp
NC_000014.9 102799329 rs12147254 G A . . RS=rs12147254;Source=dbsnp
```

```
NC_000014.9 102805688 rs8023164 G A,T . . RS=rs8023164;Source=dbsnp
NC_000014.9 102816936 rs12882491 C T . . RS=rs12882491;Source=dbsnp
NC_000014.9 102865271 rs12435483 C T . . RS=rs12435483;Source=dbsnp
NC_000014.9 102875678 rs143813189 C T . . RS=rs143813189;Source=dbsnp
NC_000014.9 102875712 rs1131877 T C . . RS=rs1131877;Source=dbsnp
NC_000014.9 102895399 rs11160706 G A,C,T . . RS=rs11160706;Source=dbsnp
NC_000014.9 102895680 rs4906269 A C,G,T . . RS=rs4906269;Source=dbsnp
NC_000014.9 102907097 rs72704737 C G . . RS=rs72704737;Source=dbsnp
NC_000014.9 102908373 rs11160707 G A,T . . RS=rs11160707;Source=dbsnp
NC_000014.9 102910984 rs10133111 G A . . RS=rs10133111;Source=dbsnp
NC_000014.9 102922443 rs1211497 A C,G,T . . RS=rs1211497;Source=dbsnp
NC_000014.9 102922602 rs59793431 C A,G,T . . RS=rs59793431;Source=dbsnp
NC_000014.9 102922615 rs57687948 C T . . RS=rs57687948;Source=dbsnp
NC_000014.9 102922662 rs2295828 T A,C,G . . RS=rs2295828;Source=dbsnp
NC_000014.9 102922666 rs2295829 G C,T . . RS=rs2295829;Source=dbsnp
NC_000014.9 102922700 rs386834168 GGG GG . . RS=rs386834168;Source=dbsnp
NC_000014.9 102922732 rs386834172 G T . . RS=rs386834172;Source=dbsnp
NC_000014.9 102922877 rs1190225 C A,T . . RS=rs1190225;Source=dbsnp
NC_000014.9 102923789 rs119478058 C A,T . . RS=rs119478058;Source=dbsnp
NC_000014.9 102925406 rs1190228 A G,T . . RS=rs1190228;Source=dbsnp
NC_000014.9 102925912 rs1190229 A G,T . . RS=rs1190229;Source=dbsnp
NC_000014.9 102928424 rs386834170 A G . . RS=rs386834170;Source=dbsnp
NC_000014.9 102928425 rs386834169 G C . . RS=rs386834169;Source=dbsnp
NC_000014.9 102928512 rs386834171 GGG GG . . RS=rs386834171;Source=dbsnp
NC_000014.9 102928930 rs386834173 T TT . . RS=rs386834173;Source=dbsnp
NC_000014.9 102929087 rs144077391 G A,C . . RS=rs144077391;Source=dbsnp
NC_000014.9 102929439 rs386834174 G A . . RS=rs386834174;Source=dbsnp
NC_000014.9 102929455 rs386834175 CTCCAGCCCCTGGGCGGCCGCTGCCCCCAGGCCGCCTGCCACAGCGCCCTCC
CTCC . . RS=rs386834175;Source=dbsnp
NC_000014.9 102929477 rs386834176 G T . . RS=rs386834176;Source=dbsnp
NC_000014.9 102929518 rs386834177 C T . . RS=rs386834177;Source=dbsnp
NC_000014.9 102929654 rs12883949 G A . . RS=rs12883949;Source=dbsnp
NC_000014.9 102929655 rs386834178 G A,C . . RS=rs386834178;Source=dbsnp
NC_000014.9 102930053 rs386834179 GCCCG GCCCGCCCG . . RS=rs386834179;Source=dbsnp
NC_000014.9 102930096 rs386834160 CCCGCCCCATCCCGCCCCGCC CCCGCC . . RS=rs386834160;Source=dbsn
NC_000014.9 102930108 rs386834161 CGCCCCGCCGCGCCTCGCCCCGCCGCG CGCCCCGCCGCG
. . RS=rs386834161;Source=dbsnp
NC_000014.9 102930122 rs386834162 CTCGCCCCGCCGCGGG C . . RS=rs386834162;Source=dbsnp
NC_000014.9 102930172 rs386834163 CCCTCGGCG C . . RS=rs386834163;Source=dbsnp
NC_000014.9 102930400 rs386834164 C T . . RS=rs386834164;Source=dbsnp
NC_000014.9 102930489 rs386834165 A AA . . RS=rs386834165;Source=dbsnp
NC_000014.9 102930503 rs386834166 C T . . RS=rs386834166;Source=dbsnp
NC_000014.9 102930630 rs386834167 CACA CA . . RS=rs386834167;Source=dbsnp
NC_000014.9 102930718 rs1190233 G A,C,T . . RS=rs1190233;Source=dbsnp
NC_000014.9 102931910 rs35285749 T C . . RS=rs35285749;Source=dbsnp
NC_000014.9 102964210 rs3818287 C A,T . . RS=rs3818287;Source=dbsnp
NC_000014.9 103009321 rs872945 A G . . RS=rs872945;Source=dbsnp
NC_000014.9 103018488 rs751837 T C . . RS=rs751837;Source=dbsnp
```

```
NC_000014.9 103019315 rs1106679 A G . . RS=rs1106679;Source=dbsnp
NC_000014.9 103024555 rs2896463 A G . . RS=rs2896463;Source=dbsnp
NC_000014.9 103073332 rs7149097 A G,T . . RS=rs7149097;Source=dbsnp
NC_000014.9 103096858 rs8017161 G A . . RS=rs8017161;Source=dbsnp
NC_000014.9 103100448 rs2297067 C T . . RS=rs2297067;Source=dbsnp
NC_000014.9 103102277 rs10131298 T A . . RS=rs10131298;Source=dbsnp
NC_000014.9 103106478 rs944002 A G . . RS=rs944002;Source=dbsnp
NC_000014.9 103116465 rs7155575 C T . . RS=rs7155575;Source=dbsnp
NC_000014.9 103135941 rs710100 A G . . RS=rs710100;Source=dbsnp
NC_000014.9 103137232 rs8126 C A,T . . RS=rs8126;Source=dbsnp
NC_000014.9 103137233 rs1052823 G A,C,T . . RS=rs1052823;Source=dbsnp
NC_000014.9 103137316 rs1052912 G A . . RS=rs1052912;Source=dbsnp
NC_000014.9 103146855 rs719252 A C,T . . RS=rs719252;Source=dbsnp
NC_000014.9 103221243 rs12878371 C T . . RS=rs12878371;Source=dbsnp
NC_000014.9 103384935 rs3759579 A C,G,T . . RS=rs3759579;Source=dbsnp
NC_000014.9 103393625 rs8014182 C T . . RS=rs8014182;Source=dbsnp
NC_000014.9 103395856 rs1989565 G A,T . . RS=rs1989565;Source=dbsnp
NC_000014.9 103395985 rs2010281 G A . . RS=rs2010281;Source=dbsnp
NC_000014.9 103397139 rs11627052 G A . . RS=rs11627052;Source=dbsnp
NC_000014.9 103397633 rs7155014 G C,T . . RS=rs7155014;Source=dbsnp
NC_000014.9 103417296 rs11623869 G T . . RS=rs11623869;Source=dbsnp
NC_000014.9 103423754 rs17679127 A G . . RS=rs17679127;Source=dbsnp
NC_000014.9 103485854 rs7155401 C G . . RS=rs7155401;Source=dbsnp
NC_000014.9 103519932 rs12505 G A . . RS=rs12505;Source=dbsnp
NC_000014.9 103520163 rs35156510 G A . . RS=rs35156510;Source=dbsnp
NC_000014.9 103520290 rs13558 T C . . RS=rs13558;Source=dbsnp
NC_000014.9 103521386 rs36002620 T C . . RS=rs36002620;Source=dbsnp
NC_000014.9 103522171 rs11545348 G A,C,T . . RS=rs11545348;Source=dbsnp
NC_000014.9 103522318 rs11545344 G A . . RS=rs11545344;Source=dbsnp
NC_000014.9 103522388 rs11545350 G T . . RS=rs11545350;Source=dbsnp
NC_000014.9 103522418 rs11545352 G A . . RS=rs11545352;Source=dbsnp
NC_000014.9 103525767 rs113882632 G A . . RS=rs113882632;Source=dbsnp
NC_000014.9 103552118 rs10129426 G A . . RS=rs10129426;Source=dbsnp
NC_000014.9 103557367 rs7693 C T . . RS=rs7693;Source=dbsnp
NC_000014.9 103563024 rs190920873 A G . . RS=rs190920873;Source=dbsnp
NC_000014.9 103571622 rs587777785 G A . . RS=rs587777785;Source=dbsnp
NC_000014.9 103571695 rs587777784 C G,T . . RS=rs587777784;Source=dbsnp
NC_000014.9 103571723 rs35960830 A G . . RS=rs35960830;Source=dbsnp
NC_000014.9 103571813 rs587777786 T C . . RS=rs587777786;Source=dbsnp
NC_000014.9 103574111 rs587777787 AAGAAGAA AAGAA . . RS=rs587777787;Source=dbsnp
NC_000014.9 103593729 rs67899457 A T . . RS=rs67899457;Source=dbsnp
NC_000014.9 103626452 rs729438 G A . . RS=rs729438;Source=dbsnp
NC_000014.9 103639077 rs7154572 C G,T . . RS=rs7154572;Source=dbsnp
NC_000014.9 103663015 rs7150141 G A . . RS=rs7150141;Source=dbsnp
NC_000014.9 103671306 rs8007903 A C,G . . RS=rs8007903;Source=dbsnp
NC_000014.9 103672302 rs12432994 C G,T . . RS=rs12432994;Source=dbsnp
NC_000014.9 103677048 rs2403205 C T . . RS=rs2403205;Source=dbsnp
NC_000014.9 103680084 rs4900590 C T . . RS=rs4900590;Source=dbsnp
```

```
NC_000014.9 103682002 rs861550 C G,T . . RS=rs861550;Source=dbsnp
NC_000014.9 103686015 rs8702 C G . . RS=rs8702;Source=dbsnp
NC_000014.9 103693804 rs2273175 T A,C . . RS=rs2273175;Source=dbsnp
NC_000014.9 103694944 rs1606 G A . . RS=rs1606;Source=dbsnp
NC_000014.9 103695926 rs861544 G A . . RS=rs861544;Source=dbsnp
NC_000014.9 103698934 rs28903081 C A,T . . RS=rs28903081;Source=dbsnp
NC_000014.9 103699345 rs3212112 A C . . RS=rs3212112;Source=dbsnp
NC_000014.9 103699410 rs77381814 C T . . RS=rs77381814;Source=dbsnp
NC_000014.9 103699416 rs861539 G A . . RS=rs861539;Source=dbsnp
NC_000014.9 103699590 rs1799796 T A,C . . RS=rs1799796;Source=dbsnp
NC_000014.9 103700657 rs3212102 C T . . RS=rs3212102;Source=dbsnp
NC_000014.9 103700738 rs861537 C T . . RS=rs861537;Source=dbsnp
NC_000014.9 103701208 rs709399 G A . . RS=rs709399;Source=dbsnp
NC_000014.9 103701227 rs861536 A G . . RS=rs861536;Source=dbsnp
NC_000014.9 103702041 rs12432907 C T . . RS=rs12432907;Source=dbsnp
NC_000014.9 103702307 rs3212092 G A . . RS=rs3212092;Source=dbsnp
NC_000014.9 103702364 rs861534 C T . . RS=rs861534;Source=dbsnp
NC_000014.9 103702526 rs3212090 C T . . RS=rs3212090;Source=dbsnp
NC_000014.9 103704128 rs3212079 G A . . RS=rs3212079;Source=dbsnp
NC_000014.9 103706470 rs861531 C A . . RS=rs861531;Source=dbsnp
NC_000014.9 103707128 rs3212057 C T . . RS=rs3212057;Source=dbsnp
NC_000014.9 103707786 rs861530 T C,G . . RS=rs861530;Source=dbsnp
NC_000014.9 103711849 rs3212038 A G . . RS=rs3212038;Source=dbsnp
NC_000014.9 103712895 rs45603942 G A . . RS=rs45603942;Source=dbsnp
NC_000014.9 103712930 rs1799794 T C . . RS=rs1799794;Source=dbsnp
NC_000014.9 103712977 rs861529 T A,C . . RS=rs861529;Source=dbsnp
NC_000014.9 103714107 rs2295152 C A,T . . RS=rs2295152;Source=dbsnp
NC_000014.9 103714398 rs3212024 G A,C . . RS=rs3212024;Source=dbsnp
NC_000014.9 103716661 rs861528 C T . . RS=rs861528;Source=dbsnp
NC_000014.9 103720539 rs10143623 G A . . RS=rs10143623;Source=dbsnp
NC_000014.9 103730068 rs12433009 C G,T . . RS=rs12433009;Source=dbsnp
NC_000014.9 103733019 rs2295146 C T . . RS=rs2295146;Source=dbsnp
NC_000014.9 103733243 rs8548 A C . . RS=rs8548;Source=dbsnp
NC_000014.9 103784857 rs863223358 C T . . RS=rs863223358;Source=dbsnp
NC_000014.9 103845238 rs2307733 ATA ATACATA . . RS=rs2307733;Source=dbsnp
NC_000014.9 103891301 rs4144027 T C . . RS=rs4144027;Source=dbsnp
NC_000014.9 103940906 rs35337422 A C . . RS=rs35337422;Source=dbsnp
NC_000014.9 103962239 rs8021692 C G . . RS=rs8021692;Source=dbsnp
NC_000014.9 103998463 rs11625697 C T . . RS=rs11625697;Source=dbsnp
NC_000014.9 104042739 rs11622475 C T . . RS=rs11622475;Source=dbsnp
NC_000014.9 104104717 rs8012505 C G,T . . RS=rs8012505;Source=dbsnp
NC_000014.9 104105483 rs2282377 C G . . RS=rs2282377;Source=dbsnp
NC_000014.9 104116049 rs61997624 C T . . RS=rs61997624;Source=dbsnp
NC_000014.9 104172104 rs947001 A C,G,T . . RS=rs947001;Source=dbsnp
NC_000014.9 104179989 rs1547350 A C,T . . RS=rs1547350;Source=dbsnp
NC_000014.9 104190322 rs8007923 T C . . RS=rs8007923;Source=dbsnp
NC_000014.9 104257096 rs10143250 C T . . RS=rs10143250;Source=dbsnp
NC_000014.9 104302812 rs4530059 G A . . RS=rs4530059;Source=dbsnp
```

```
NC_000014.9 104446873 rs11628179 G A,T . . RS=rs11628179;Source=dbsnp
NC_000014.9 104496776 rs4294750 C T . . RS=rs4294750;Source=dbsnp
NC_000014.9 104509313 rs4983565 A C,G,T . . RS=rs4983565;Source=dbsnp
NC_000014.9 104513149 rs4264325 T A,C . . RS=rs4264325;Source=dbsnp
NC_000014.9 104558177 rs4247039 G A . . RS=rs4247039;Source=dbsnp
NC_000014.9 104659175 rs4075355 G A,C,T . . RS=rs4075355;Source=dbsnp
NC_000014.9 104697195 rs7140154 C G,T . . RS=rs7140154;Source=dbsnp
NC_000014.9 104701407 rs62638758 G A . . RS=rs62638758;Source=dbsnp
NC_000014.9 104701470 rs4983530 C G,T . . RS=rs4983530;Source=dbsnp
NC_000014.9 104701490 rs267606880 T C . . RS=rs267606880;Source=dbsnp
NC_000014.9 104701675 rs387907034 T C . . RS=rs387907034;Source=dbsnp
NC_000014.9 104701676 rs387907035 G A,T . . RS=rs387907035;Source=dbsnp
NC_000014.9 104701677 rs387907036 C G,T . . RS=rs387907036;Source=dbsnp
NC_000014.9 104701748 rs387907037 T C . . RS=rs387907037;Source=dbsnp
NC_000014.9 104701762 rs75115369 C A,T . . RS=rs75115369;Source=dbsnp
NC_000014.9 104701773 rs4074531 G A,C . . RS=rs4074531;Source=dbsnp
NC_000014.9 104701774 rs115458897 A T . . RS=rs115458897;Source=dbsnp
NC_000014.9 104703108 rs387907038 T C,G . . RS=rs387907038;Source=dbsnp
NC_000014.9 104703202 rs769080446 C T . . RS=rs769080446;Source=dbsnp
NC_000014.9 104703343 rs267606877 T C . . RS=rs267606877;Source=dbsnp
NC_000014.9 104703411 rs750610272 C T . . RS=rs750610272;Source=dbsnp
NC_000014.9 104703428 rs267606879 G A . . RS=rs267606879;Source=dbsnp
NC_000014.9 104703439 rs267606878 C T . . RS=rs267606878;Source=dbsnp
NC_000014.9 104703440 rs267607183 G A . . RS=rs267607183;Source=dbsnp
NC_000014.9 104706192 rs118017785 C T . . RS=rs118017785;Source=dbsnp
NC_000014.9 104706945 rs184709736 G A . . RS=rs184709736;Source=dbsnp
NC_000014.9 104708418 rs199612826 C G,T . . RS=rs199612826;Source=dbsnp
NC_000014.9 104708748 rs11850821 A G . . RS=rs11850821;Source=dbsnp
NC_000014.9 104709347 rs1060499868 CAAACAA CAA . . RS=rs1060499868;Source=dbsnp
NC_000014.9 104711015 rs3840006 CA C . . RS=rs3840006;Source=dbsnp
NC_000014.9 104711090 rs59751492 C T . . RS=rs59751492;Source=dbsnp
NC_000014.9 104711668 rs79327775 C T . . RS=rs79327775;Source=dbsnp
NC_000014.9 104712514 rs62640005 C G,T . . RS=rs62640005;Source=dbsnp
NC_000014.9 104712847 rs142678449 G A . . RS=rs142678449;Source=dbsnp
NC_000014.9 104712857 rs10133301 T C . . RS=rs10133301;Source=dbsnp
NC_000014.9 104713007 rs73347508 C T . . RS=rs73347508;Source=dbsnp
NC_000014.9 104714228 rs4983535 T A,C . . RS=rs4983535;Source=dbsnp
NC_000014.9 104714231 rs75382114 C T . . RS=rs75382114;Source=dbsnp
NC_000014.9 104714270 rs186075307 T C . . RS=rs186075307;Source=dbsnp
NC_000014.9 104714315 rs117457867 C T . . RS=rs117457867;Source=dbsnp
NC_000014.9 104714369 rs1128840 A C,G,T . . RS=rs1128840;Source=dbsnp
NC_000014.9 104714448 rs34251364 C T . . RS=rs34251364;Source=dbsnp
NC_000014.9 104714566 rs3803311 C T . . RS=rs3803311;Source=dbsnp
NC_000014.9 104715336 rs149939482 G A . . RS=rs149939482;Source=dbsnp
NC_000014.9 104719329 rs1128880 G T . . RS=rs1128880;Source=dbsnp
NC_000014.9 104722885 rs11160818 A G . . RS=rs11160818;Source=dbsnp
NC_000014.9 104723167 rs4983382 G A . . RS=rs4983382;Source=dbsnp
NC_000014.9 104728984 rs35590716 G A . . RS=rs35590716;Source=dbsnp
```

```
NC_000014.9 104729898 rs34672588 G A,C,T . . RS=rs34672588;Source=dbsnp
NC_000014.9 104739038 rs3803309 G A . . RS=rs3803309;Source=dbsnp
NC_000014.9 104741231 rs140614802 G A . . RS=rs140614802;Source=dbsnp
NC_000014.9 104741973 rs559454746 CA C . . RS=rs559454746;Source=dbsnp
NC_000014.9 104742230 rs4983540 G A . . RS=rs4983540;Source=dbsnp
NC_000014.9 104745924 rs10623258 C CTT . . RS=rs10623258;Source=dbsnp
NC_000014.9 104747006 rs6644 A G . . RS=rs6644;Source=dbsnp
NC_000014.9 104752732 rs3809454 A C . . RS=rs3809454;Source=dbsnp
NC_000014.9 104755700 rs1132975 C G,T . . RS=rs1132975;Source=dbsnp
NC_000014.9 104764258 rs73362602 T C,G . . RS=rs73362602;Source=dbsnp
NC_000014.9 104766758 rs2498804 C A,G,T . . RS=rs2498804;Source=dbsnp
NC_000014.9 104769221 rs2498801 T C . . RS=rs2498801;Source=dbsnp
NC_000014.9 104769487 rs58565216 G C . . RS=rs58565216;Source=dbsnp
NC_000014.9 104769950 rs35416681 A C . . RS=rs35416681;Source=dbsnp
NC_000014.9 104770403 rs11555435 C A . . RS=rs11555435;Source=dbsnp
NC_000014.9 104770411 rs587778018 A G,T . . RS=rs587778018;Source=dbsnp
NC_000014.9 104770805 rs397514645 T G . . RS=rs397514645;Source=dbsnp
NC_000014.9 104771064 rs7140735 A G . . RS=rs7140735;Source=dbsnp
NC_000014.9 104771343 rs2494731 G A,C . . RS=rs2494731;Source=dbsnp
NC_000014.9 104772267 rs2498800 C A,G,T . . RS=rs2498800;Source=dbsnp
NC_000014.9 104772374 rs139297659 G A . . RS=rs139297659;Source=dbsnp
NC_000014.9 104772809 rs3803304 C G . . RS=rs3803304;Source=dbsnp
NC_000014.9 104772855 rs2494732 T C,G . . RS=rs2494732;Source=dbsnp
NC_000014.9 104772888 rs11555431 G T . . RS=rs11555431;Source=dbsnp
NC_000014.9 104772980 rs11555432 A G . . RS=rs11555432;Source=dbsnp
NC_000014.9 104773252 rs12881616 T C . . RS=rs12881616;Source=dbsnp
NC_000014.9 104773557 rs1130233 C T . . RS=rs1130233;Source=dbsnp
NC_000014.9 104773603 rs3730329 C T . . RS=rs3730329;Source=dbsnp
NC_000014.9 104773879 rs3730361 G A,T . . RS=rs3730361;Source=dbsnp
NC_000014.9 104774548 rs2494734 C A,G,T . . RS=rs2494734;Source=dbsnp
NC_000014.9 104774967 rs2230506 G A . . RS=rs2230506;Source=dbsnp
NC_000014.9 104775041 rs3730346 C A,T . . RS=rs3730346;Source=dbsnp
NC_000014.9 104775085 rs34670300 G A . . RS=rs34670300;Source=dbsnp
NC_000014.9 104775143 rs11555433 A G . . RS=rs11555433;Source=dbsnp
NC_000014.9 104775239 rs3730344 G A . . RS=rs3730344;Source=dbsnp
NC_000014.9 104776494 rs3001371 C T . . RS=rs3001371;Source=dbsnp
NC_000014.9 104776588 rs34664585 C G,T . . RS=rs34664585;Source=dbsnp
NC_000014.9 104776589 rs17846822 G A . . RS=rs17846822;Source=dbsnp
NC_000014.9 104776629 rs2494735 T A,C . . RS=rs2494735;Source=dbsnp
NC_000014.9 104776711 rs1057519804 G T . . RS=rs1057519804;Source=dbsnp
NC_000014.9 104776721 rs587778019 G C,T . . RS=rs587778019;Source=dbsnp
NC_000014.9 104776883 rs2498796 G A . . RS=rs2498796;Source=dbsnp
NC_000014.9 104778914 rs2498794 A C,G,T . . RS=rs2498794;Source=dbsnp
NC_000014.9 104779988 rs2494737 T A,G . . RS=rs2494737;Source=dbsnp
NC_000014.9 104780070 rs3730358 G A,C . . RS=rs3730358;Source=dbsnp
NC_000014.9 104780125 rs146875699 G T . . RS=rs146875699;Source=dbsnp
NC_000014.9 104780136 rs11555436 G A . . RS=rs11555436;Source=dbsnp
NC_000014.9 104780190 rs397514644 G A . . RS=rs397514644;Source=dbsnp
```

```
NC_000014.9 104780214 rs34409589 CCCC CCC . . RS=rs34409589;Source=dbsnp
NC_000014.9 104780214 rs121434592 C T . . RS=rs121434592;Source=dbsnp
NC_000014.9 104780292 rs3730368 G A . . RS=rs3730368;Source=dbsnp
NC_000014.9 104780349 rs2494738 G A . . RS=rs2494738;Source=dbsnp
NC_000014.9 104781544 rs2494740 A C,T . . RS=rs2494740;Source=dbsnp
NC_000014.9 104783708 rs2498789 A G . . RS=rs2498789;Source=dbsnp
NC_000014.9 104784749 rs10149779 G A . . RS=rs10149779;Source=dbsnp
NC_000014.9 104785383 rs2494743 T A,C . . RS=rs2494743;Source=dbsnp
NC_000014.9 104786672 rs2498788 A G . . RS=rs2498788;Source=dbsnp
NC_000014.9 104788868 rs11847866 G A . . RS=rs11847866;Source=dbsnp
NC_000014.9 104789477 rs2494744 A C,G . . RS=rs2494744;Source=dbsnp
NC_000014.9 104791382 rs2494746 C G . . RS=rs2494746;Source=dbsnp
NC_000014.9 104793369 rs10138227 C T . . RS=rs10138227;Source=dbsnp
NC_000014.9 104793397 rs1130214 C A . . RS=rs1130214;Source=dbsnp
NC_000014.9 104793964 rs28634999 C T . . RS=rs28634999;Source=dbsnp
NC_000014.9 104796031 rs2498786 C G . . RS=rs2498786;Source=dbsnp
NC_000014.9 104796444 rs74090038 C T . . RS=rs74090038;Source=dbsnp
NC_000014.9 104796575 rs2494750 G C . . RS=rs2494750;Source=dbsnp
NC_000014.9 104796624 rs2494751 G A . . RS=rs2494751;Source=dbsnp
NC_000014.9 104797011 rs5811155 C CT . . RS=rs5811155;Source=dbsnp
NC_000014.9 104797210 rs72715985 C T . . RS=rs72715985;Source=dbsnp
NC_000014.9 104797271 rs2494752 A G,T . . RS=rs2494752;Source=dbsnp
NC_000014.9 104798626 rs2498784 A C,G,T . . RS=rs2498784;Source=dbsnp
NC_000014.9 104801597 rs34284721 G A . . RS=rs34284721;Source=dbsnp
NC_000014.9 104801767 rs10141867 G A,C . . RS=rs10141867;Source=dbsnp
NC_000014.9 104801891 rs4983387 G A,C . . RS=rs4983387;Source=dbsnp
NC_000014.9 104802387 rs730882163 G A . . RS=rs730882163;Source=dbsnp
NC_000014.9 104803442 rs3803300 T A,C . . RS=rs3803300;Source=dbsnp
NC_000014.9 104805499 rs33925946 G T . . RS=rs33925946;Source=dbsnp
NC_000014.9 104810872 rs4983559 G A,C . . RS=rs4983559;Source=dbsnp
NC_000014.9 104818675 rs2498806 A G . . RS=rs2498806;Source=dbsnp
NC_000014.9 104818822 rs10139525 A G . . RS=rs10139525;Source=dbsnp
NC_000014.9 104835853 rs8010024 G T . . RS=rs8010024;Source=dbsnp
NC_000014.9 104845730 rs2582520 T C . . RS=rs2582520;Source=dbsnp
NC_000014.9 104846256 rs2582519 T A,C,G . . RS=rs2582519;Source=dbsnp
NC_000014.9 104924668 rs2841277 C A,T . . RS=rs2841277;Source=dbsnp
NC_000014.9 104927219 rs2841280 G A,C . . RS=rs2841280;Source=dbsnp
NC_000014.9 104938047 rs1048257 T C,G . . RS=rs1048257;Source=dbsnp
NC_000014.9 104945672 rs28714612 A C,G . . RS=rs28714612;Source=dbsnp
NC_000014.9 104945801 rs200384326 A C,G,T . . RS=rs200384326;Source=dbsnp
NC_000014.9 104946366 rs192951700 C G . . RS=rs192951700;Source=dbsnp
NC_000014.9 104948453 rs2582513 A G,T . . RS=rs2582513;Source=dbsnp
NC_000014.9 104948892 rs10134675 T C,G . . RS=rs10134675;Source=dbsnp
NC_000014.9 104948942 rs201127689 T C . . RS=rs201127689;Source=dbsnp
NC_000014.9 104949673 rs2582511 T C . . RS=rs2582511;Source=dbsnp
NC_000014.9 104980738 rs2033932 C T . . RS=rs2033932;Source=dbsnp
NC_000014.9 105010321 rs3204173 T C . . RS=rs3204173;Source=dbsnp
NC_000014.9 105049889 rs12890396 C G,T . . RS=rs12890396;Source=dbsnp
```

```
NC_000014.9 105141642 rs741859 C T . . RS=rs741859;Source=dbsnp
NC_000014.9 105149311 rs9972231 C A,G,T . . RS=rs9972231;Source=dbsnp
NC_000014.9 105150705 rs1057744 C T . . RS=rs1057744;Source=dbsnp
NC_000014.9 105162423 rs11621316 A G . . RS=rs11621316;Source=dbsnp
NC_000014.9 105226674 rs606231450 G C,T . . RS=rs606231450;Source=dbsnp
NC_000014.9 105228832 rs373957300 G A . . RS=rs373957300;Source=dbsnp
NC_000014.9 105241282 rs606231416 G A . . RS=rs606231416;Source=dbsnp
NC_000014.9 105241292 rs370270828 G A . . RS=rs370270828;Source=dbsnp
NC_000014.9 105255266 rs2735816 G C . . RS=rs2735816;Source=dbsnp
NC_000014.9 105256375 rs754629781 C A,T . . RS=rs754629781;Source=dbsnp
NC_000014.9 105256389 rs1008628 T C . . RS=rs1008628;Source=dbsnp
NC_000014.9 105263455 rs3000073 G A . . RS=rs3000073;Source=dbsnp
NC_000014.9 105450083 rs4983409 C A,G,T . . RS=rs4983409;Source=dbsnp
NC_000014.9 105496322 rs7492357 G A,T . . RS=rs7492357;Source=dbsnp
NC_000014.9 105529713 rs10569304 GCCGCCGCCGCCGCCGCCGC GCCGCCGC,GCCGCCGCCGC,GCCGCCGCCGCCGC,GCC
. . RS=rs10569304;Source=dbsnp
NC_000014.9 105537986 rs12100587 T A,G . . RS=rs12100587;Source=dbsnp
NC_000014.9 105557979 rs4983346 T A,C . . RS=rs4983346;Source=dbsnp
NC_000014.9 105601135 rs61737468 C A,T . . RS=rs61737468;Source=dbsnp
NC_000014.9 105643800 rs8009156 C T . . RS=rs8009156;Source=dbsnp
NC_000014.9 105644577 rs11627594 G A,T . . RS=rs11627594;Source=dbsnp
NC_000014.9 105699884 rs35216181 T C . . RS=rs35216181;Source=dbsnp
NC_000014.9 105702719 rs34398108 A G . . RS=rs34398108;Source=dbsnp
NC_000014.9 105706543 rs11621145 G A . . RS=rs11621145;Source=dbsnp
NC_000014.9 105721893 rs1134590 C T . . RS=rs1134590;Source=dbsnp
NC_000014.9 105741745 rs11621259 G A,C,T . . RS=rs11621259;Source=dbsnp
NC_000014.9 105741749 rs1045853 A C,G,T . . RS=rs1045853;Source=dbsnp
NC_000014.9 105742188 rs1042248 G C . . RS=rs1042248;Source=dbsnp
NC_000014.9 105742782 rs1071803 T A,C,G . . RS=rs1071803;Source=dbsnp
NC_000014.9 105745936 rs11160868 C T . . RS=rs11160868;Source=dbsnp
NC_000014.9 105766248 rs10136766 A G . . RS=rs10136766;Source=dbsnp
NC_000014.9 105766769 rs34295723 G A . . RS=rs34295723;Source=dbsnp
NC_000014.9 105767411 rs12897751 G C . . RS=rs12897751;Source=dbsnp
NC_000014.9 105769274 rs1051112 A C,G,T . . RS=rs1051112;Source=dbsnp
NC_000014.9 105769277 rs4042056 C T . . RS=rs4042056;Source=dbsnp
NC_000014.9 105769317 rs79545032 T C . . RS=rs79545032;Source=dbsnp
NC_000014.9 105769430 rs77307099 C T . . RS=rs77307099;Source=dbsnp
NC_000014.9 105769804 rs60746425 G A . . RS=rs60746425;Source=dbsnp
NC_000014.9 105769806 rs74093865 G A,C . . RS=rs74093865;Source=dbsnp
NC_000014.9 105777786 rs12884389 C A,T . . RS=rs12884389;Source=dbsnp
NC_000014.9 105782836 rs2725142 C A,G,T . . RS=rs2725142;Source=dbsnp
NC_000014.9 105786362 rs2753571 C A,G,T . . RS=rs2753571;Source=dbsnp
NC_000014.9 105855107 rs281865422 C T . . RS=rs281865422;Source=dbsnp
NC_000014.9 105861856 rs1950942 A C,G,T . . RS=rs1950942;Source=dbsnp
NC_000014.9 106189185 rs1981496 A G,T . . RS=rs1981496;Source=dbsnp
NC_000014.9 106349484 rs61995642 C A,T . . RS=rs61995642;Source=dbsnp
NC_000014.9 106486643 rs34614900 T C . . RS=rs34614900;Source=dbsnp
NC_000014.9 106514189 rs9324088 G A . . RS=rs9324088;Source=dbsnp
```

```
NC_000014.9 106520947 rs4562969 C A,T . . RS=rs4562969;Source=dbsnp
NC_000014.9 106537943 rs7148607 C A,G,T . . RS=rs7148607;Source=dbsnp
NC_000014.9 106539448 rs10151262 C A,T . . RS=rs10151262;Source=dbsnp
NC_000014.9 106582055 rs8011590 G A,C . . RS=rs8011590;Source=dbsnp
NC_000014.9 106680831 rs2011167 A G . . RS=rs2011167;Source=dbsnp
NC_000014.9 106680856 rs1961901 G T . . RS=rs1961901;Source=dbsnp
NC_000014.9 106684476 rs17113284 T C . . RS=rs17113284;Source=dbsnp
NC_000014.9 106685105 rs1024350 C A,G,T . . RS=rs1024350;Source=dbsnp
NC_000014.9 106686431 rs8005468 G A . . RS=rs8005468;Source=dbsnp
NC_000014.9 106767970 rs10129255 C T . . RS=rs10129255;Source=dbsnp
NC_000014.9 106771605 rs2007467 C T . . RS=rs2007467;Source=dbsnp
NC_000014.9 106772332 rs2337406 C A,G,T . . RS=rs2337406;Source=dbsnp
NC_000014.9 106775945 rs10150241 T A . . RS=rs10150241;Source=dbsnp
NC_000014.9 106776833 rs988131 T C . . RS=rs988131;Source=dbsnp
NC_000014.9 106779223 rs12590667 C T . . RS=rs12590667;Source=dbsnp
NC_000014.9 106823737 rs17112078 A G . . RS=rs17112078;Source=dbsnp
NC_000014.9 106825769 rs7140253 A G . . RS=rs7140253;Source=dbsnp
NC_000014.9 106865837 rs885883 T C,G . . RS=rs885883;Source=dbsnp
```

This is a good start, but I would like to see some sort of chip measure all these snips and only these snip DNA for individuals for a large sample of individuals. I'd like to see this for a low price of \$0.2-\$0.5 for use across the world as soon as possible. I have many ideas of what we can do with the data.

References

[1] https://ftp.ncbi.nih.gov/snp/latest_release/JSON/JSON_README.txt