

Proxy Search

Pairwise LD

Plots

Map SNP IDs

ReACH

SNAP finds proxy SNPs based on linkage disequilibrium, physical distance and/or membership in selected commercial genotyping arrays. Pair-wise linkage disequilibrium is pre-calculated based on phased genotype data from the [International HapMap Project](#) and the [1000 Genomes Project](#). Information about the genotyping arrays is based on data published by the vendors.

### Query SNPs

 Input SNPs:  [Example](#)

 File:  get\_freq.txt

 SNP column:  Header line: 

### Search Options

 SNP data set: 
 $r^2$  threshold: 

 Population panel: 

 Distance limit: 

### Output Options

 Download to: 

- ☒ Include each query snp as a proxy for itself  
☒ Suppress warning messages in output

### Filter By Array 0 Illumina array(s) and 0 Affymetrix array(s) selected

 Limit search results to only SNPs on the selected arrays ([select all](#))

#### ☐ Select All Illumina

- ☐ Illumina Human-1 (I1)
- ☐ Illumina HumanHap240S (I2)
- ☐ Illumina HumanHap300 (I3)
- ☐ Illumina Human370CNV single (IC)
- ☐ Illumina Human370CNV quad (ICQ)
- ☐ Illumina HumanHap550 (I5)
- ☐ Illumina HumanHap650 (I6)
- ☐ Illumina HumanHap610 quad (I6Q)
- ☐ Illumina Human1M single (IM)
- ☐ Illumina Human1M dual (IMD)
- ☐ Illumina CArE iSelect (IBC)
- ☐ Illumina Cyto12 (CYT)
- ☐ Illumina OmniQuad (OQ)
- ☐ Cardio-Metabochip (CM)
- ☐ Illumina 660W-Quad (IWQ)
- ☐ Illumina OmniExpress (OE)
- ☐ Human Exome 12v1 (E1)
- ☐ Human Exome 12v1.1 (E11)
- ☐ OmniChip 2.5M 4 sam (O24)
- ☐ OmniChip 2.5M 8 sam (O28)
- ☐ OmniChip 5M 4 sam (O54)
- ☐ Omni 5 Exome (O5E)
- ☐ Omni Express Exome (OEE)
- ☐ Immuno BeadChip A (ICA)
- ☐ Immuno BeadChip B (ICB)

#### ☐ Select All Affymetrix

- ☐ Affymetrix 50K Mapping XbaI (AX)
- ☐ Affymetrix 50K Mapping HindIII (AH)
- ☐ Affymetrix 50K Human Gene Focused chip (AG)
- ☐ Affymetrix 250K Mapping NspI (AN)
- ☐ Affymetrix 250K Mapping StyI (AS)
- ☐ Affymetrix 5.0 (A5)
- ☐ Affymetrix 6.0 (A6)
- ☐ Affymetrix Axiom GW\_Hu\_SNP (AxM)
- ☐ Affymetrix DMET plus (AD)
- ☐ Affymetrix 10K Mapping Array bld2 (A10)
- ☐ Affymetrix Axiom Exome Plus Array (AAE)
- ☐ Affymetrix Axiom GW Hu Origins 1 (AAH)

 Apply array filter to:

### **Output Columns**

Optional columns to include in the search results

- |   |   |
|---|---|
| <input type="checkbox"/> D' (D prime)   | <input type="checkbox"/> Recombination Rate (cM/Mb) |
| <input type="checkbox"/> Genome Coordinates   | <input type="checkbox"/> Genetic Distance (cM)      |
| <input type="checkbox"/> Array Membership   | <input type="checkbox"/> Genetic Map Position (cM)  |
| <input type="checkbox"/> Associated Gene Annotations from GeneCruiser (decreases performance) |   |
| <input checked="" type="checkbox"/> Include Minor Allele Frequency                            |   |

search

reset