

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](#)

 One snp per line:
 rs11637681
 rs7169431
 rs11636802
 rs7176508
 rs783540
 rs11631963
 rs305061
 rs391525
 rs2292982
 rs4368253
 rs7231647
 rs4987855
 rs4987852
 rs11083846
 rs4802322

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)

☐ 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)

- ☐ 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)

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 | |

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