

CpG Query

Genome Version

hg19

Phenotype

- ☐ AD Biomarkers
- ☐ AD Neuropathology
- ☒ Aging
- ☒ Dementia Clinical Diagnosis
- ☐ Mild Cognitive Impairment (MCI)
- ☐ Sex

CpGs

Input Method

- ☒ Provide a list of CpGs
- ☐ Upload a file

Paste a list of comma or space-separated CpGs

cg16966520

Example Input

Datasets

Display Data

Display Plot

Download Tables

Annotations

Show 10 entries

Search:

CpG	chr	pos	Illumina	Relation_to_Island	RefGene_Group
cg16966520	chr1	206786174	LGTM	S_Shore	TSS1500

Showing 1 to 1 of 1 entries

Previous 1 Next

Multi-omics and Multi-tissue Resources

Show 10 entries

Search:

cpg	Gene	mQTL	Blood-Brain comparison	GWAS	AD Genomics	Gene Expression
cg16966520	LGTM	mQTL	Blood-Brain	GWAS	GenomicsDB	Agora

Showing 1 to 1 of 1 entries

Previous 1 Next

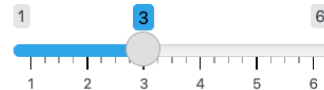
CpG Query

Datasets

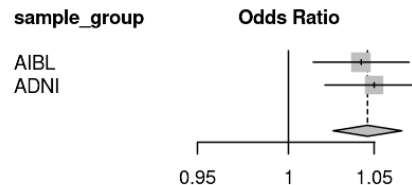
Display Data

Display Plot

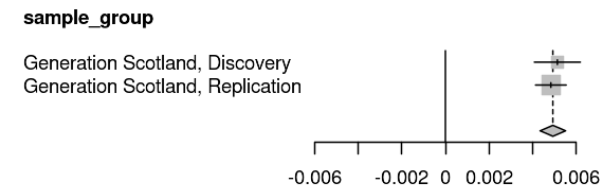
Plots per row



cg16966520 SIC (association with AD)



cg16966520 MCA (association with age)



- 1 User inputs CpG ID
- 2 Display Data includes annotations for the CpG
- 3 Multi-omics and Multi-tissue Resources include links to mQTL information, brain-blood correlations, GWAS, NIAGADS GenomicsCB, and Agora Gene expression database
- 4 Display Plot shows forest plot

Figure 3 Workflow of CpG Query tool.