

**Alcohol QTL PDF set of three documents:**

- 1. AlcoholQTLsDescriptions**
- \*2. AlcoholQTLsByChromosome**
- 3. AlcoholQTLsByPhenotype**

**This document is 2 of 3, \* AlcoholQTLsByChromosome**

Each following page provides a graphic summary of QTLs associated with an individual mouse chromosome:

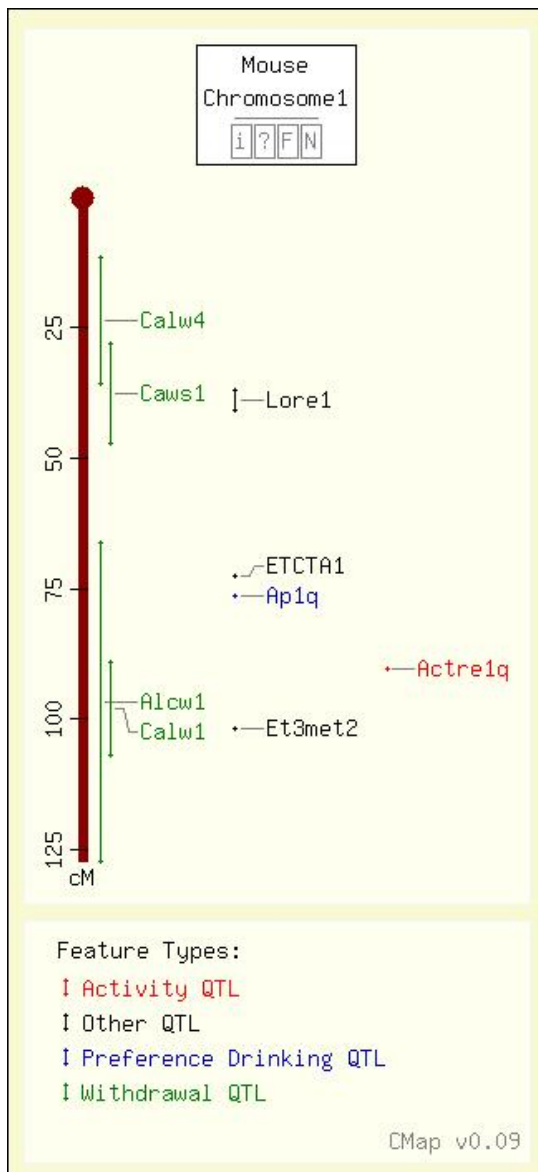
Chromosome 1  
Chromosome 2  
Chromosome 3  
Chromosome 4  
Chromosome 5  
Chromosome 6  
Chromosome 7  
Chromosome 8  
Chromosome 9  
Chromosome 10  
Chromosome 11  
Chromosome 12  
Chromosome 13  
Chromosome 14  
Chromosome 15  
Chromosome 17  
Chromosome 19

For additional information, contact Mark Rutledge-Gorman ([rutledgm@ohsu.edu](mailto:rutledgm@ohsu.edu)).

# Mouse Chromosome 1

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

### qtl\_code

Calw4

Caws1

Lore1

Etcta1

Ap1q

Actre1q

Alcw1

Calw1

Et3met2

### phenotype

Chronic Alcohol Withdrawal

Chronic Alcohol Withdrawal

Alcohol-induced Loss of Righting Reflex

Alcohol Conditioned Taste Aversion

Alcohol Preference Drinking

Alcohol Stimulated Activity

Acute Alcohol Withdrawal

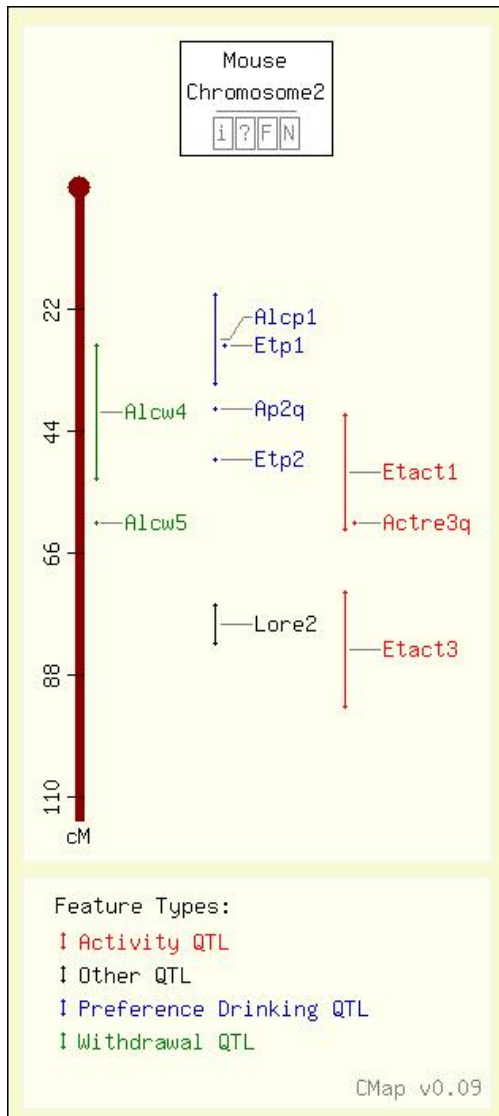
Chronic Alcohol Withdrawal

Acute Ethanol Metabolism

# Mouse Chromosome 2

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

### qtl\_code

Alcw4

Alcw5

Alcp1

Etp1

Ap2q

Etp2

Etact1

Lore2

Actre3q

Etact3

### phenotype

Acute Alcohol Withdrawal

Acute Alcohol Withdrawal

Alcohol Preference Drinking

Alcohol Preference Drinking

Alcohol Preference Drinking

Alcohol Preference Drinking

Alcohol Stimulated Activity

Alcohol-induced Loss of Righting Reflex

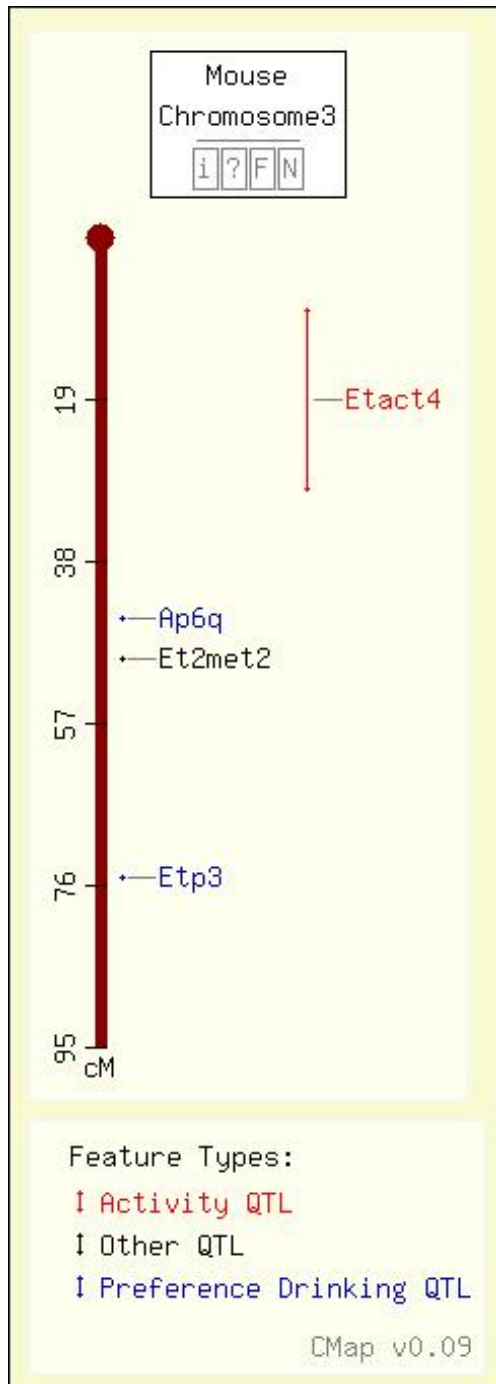
Alcohol Stimulated Activity

Alcohol Stimulated Activity

# Mouse Chromosome 3

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

### qtl\_code

Ap6q

Et2met2

Etp3

Etcta4

### phenotype

Alcohol Preference Drinking

Acute Ethanol Metabolism

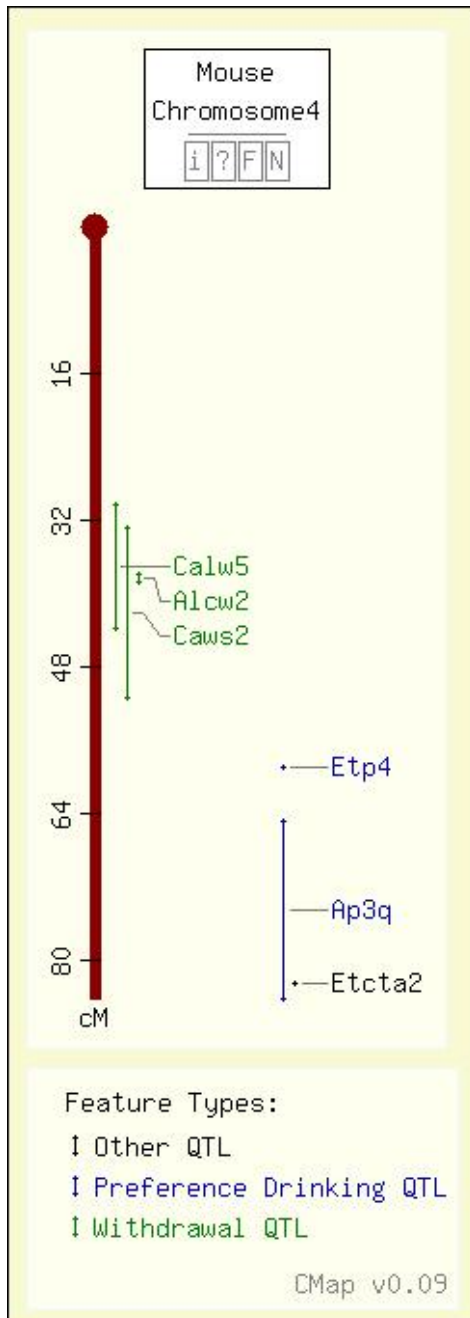
Alcohol Preference Drinking

Alcohol Stimulated Activity

# Mouse Chromosome 4

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

### qtl\_code

Calw5

Alcw2

Caws2

Etp4

Ap3q

Etcta2

### phenotype

Chronic Alcohol Withdrawal

Acute Alcohol Withdrawal

Chronic Alcohol Withdrawal

Alcohol Preference Drinking

Alcohol Preference Drinking

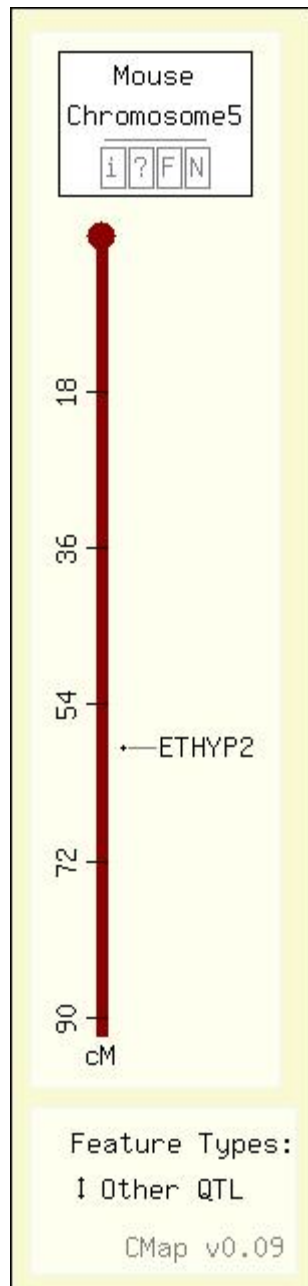
Alcohol Conditioned Taste Aversion

# Mouse Chromosome 5

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

Map

Loci



qtl\_code

Ethyp2

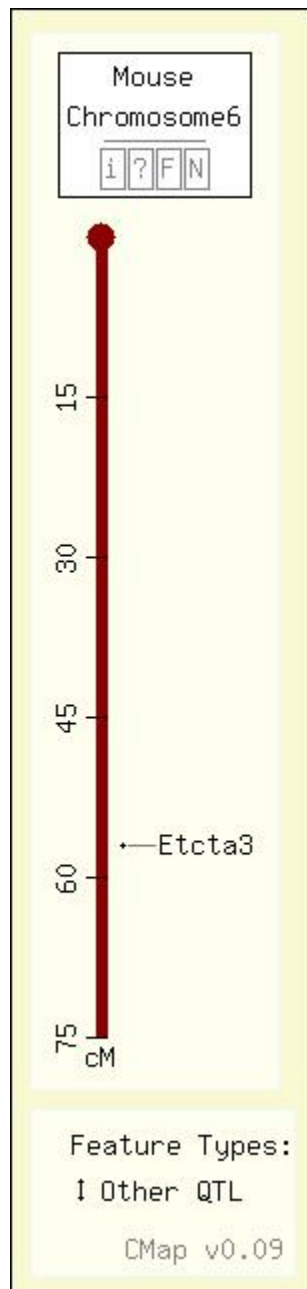
phenotype

Hypothermic Sensitivity

# Mouse Chromosome 6

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

Map



Loci

qtl\_code

Etcta3

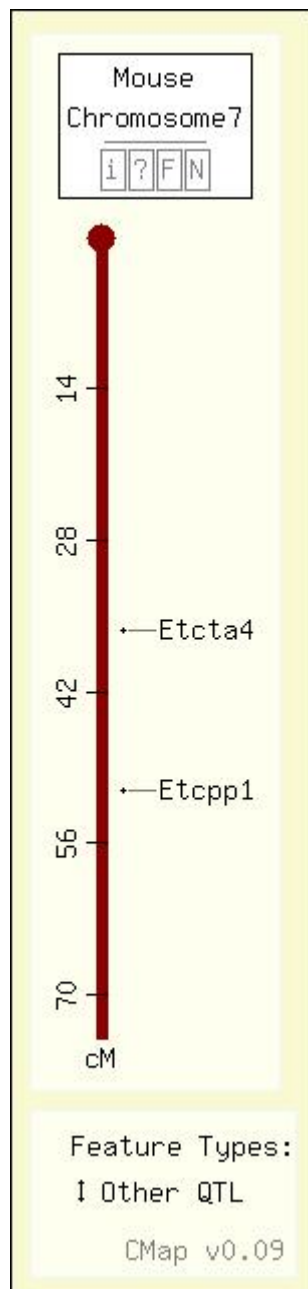
phenotype

Alcohol Conditioned Taste Aversion

# Mouse Chromosome 7

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

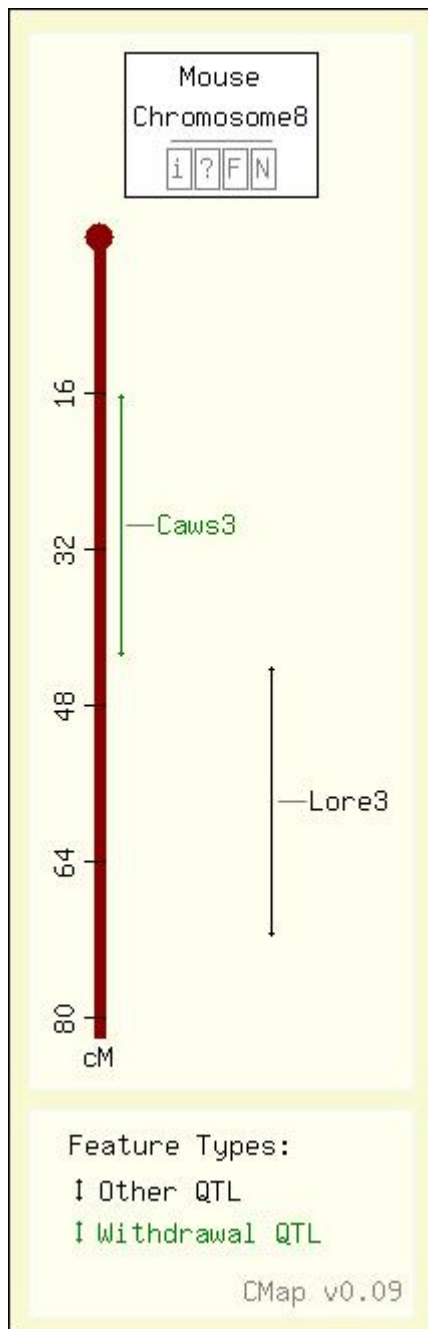
<u>qtl_code</u>	<u>phenotype</u>
Etcta4	Alcohol Conditioned Taste Aversion
Etcpp1	Alcohol Conditioned Place Preference



# Mouse Chromosome 8

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

### qtl\_code

Caws3

Lore3

### phenotype

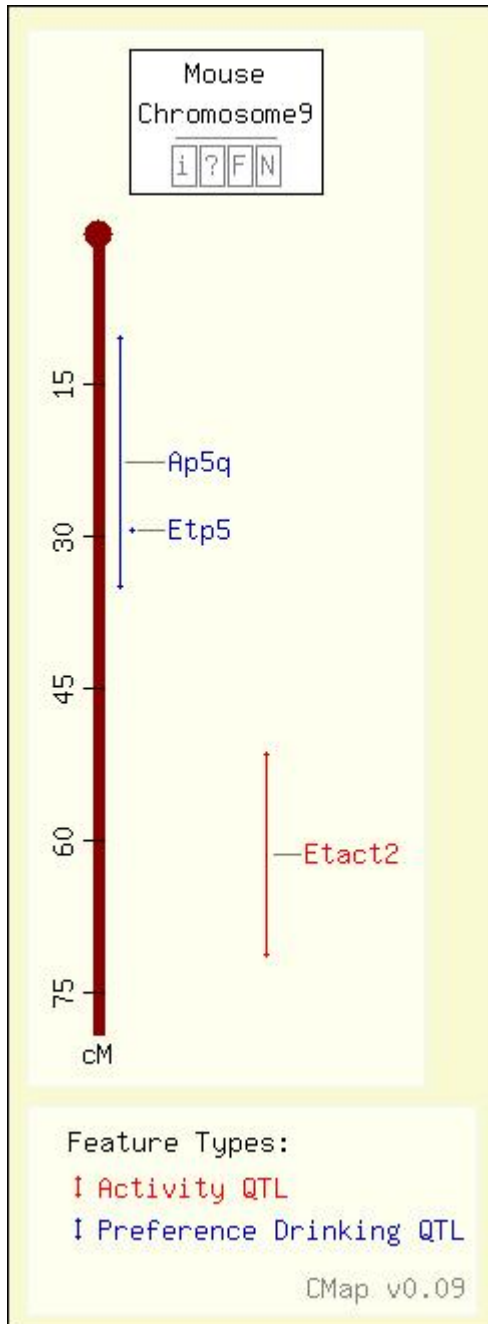
Chronic Alcohol Withdrawal

Alcohol-induced Loss of Righting Reflex

# Mouse Chromosome 9

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

### qtl\_code

Ap5q

Etp5

Etact2

### phenotype

Alcohol Preference Drinking

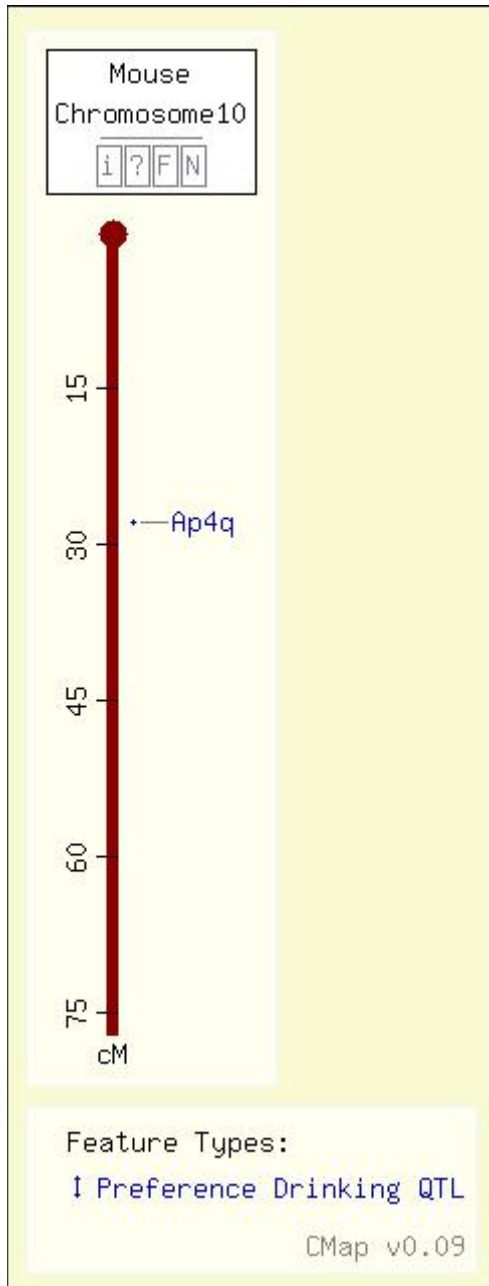
Alcohol Preference Drinking

Alcohol Stimulated Activity

# Mouse Chromosome 10

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

### qtl\_code

Ap4q

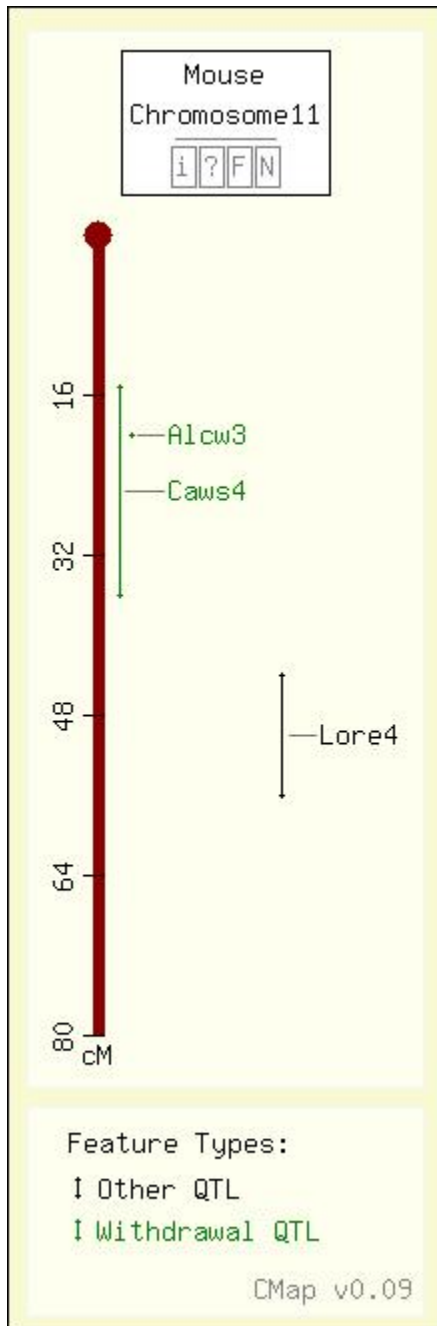
### phenotype

Alcohol Preference Drinking

# Mouse Chromosome 11

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

### qtl\_code

Alcw3

Caws4

Lore4

### phenotype

Acute Alcohol Withdrawal

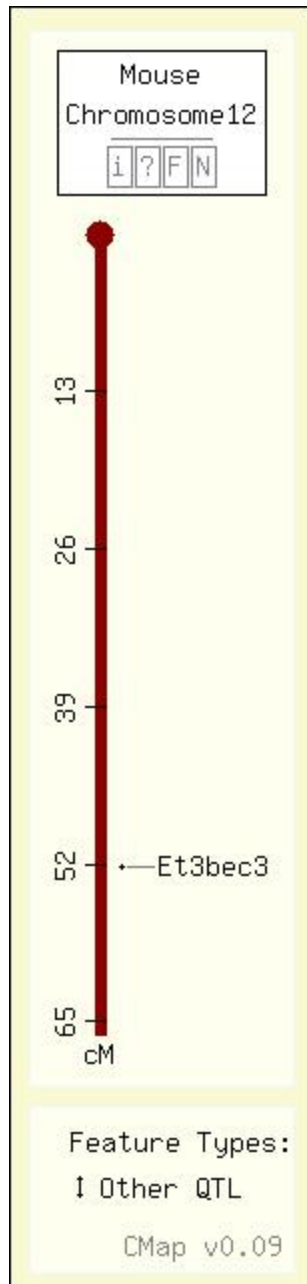
Chronic Alcohol Withdrawal

Alcohol-induced Loss of Righting Reflex

# Mouse Chromosome 12

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

Map



Loci

qtl\_code

Et3bec3

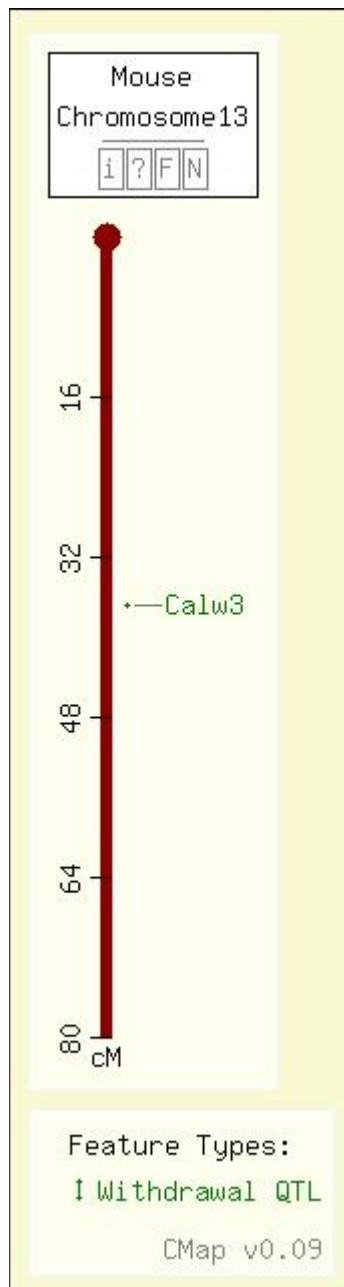
phenotype

Acute Ethanol Metabolism

# Mouse Chromosome 13

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

### qtl\_code

Calw3

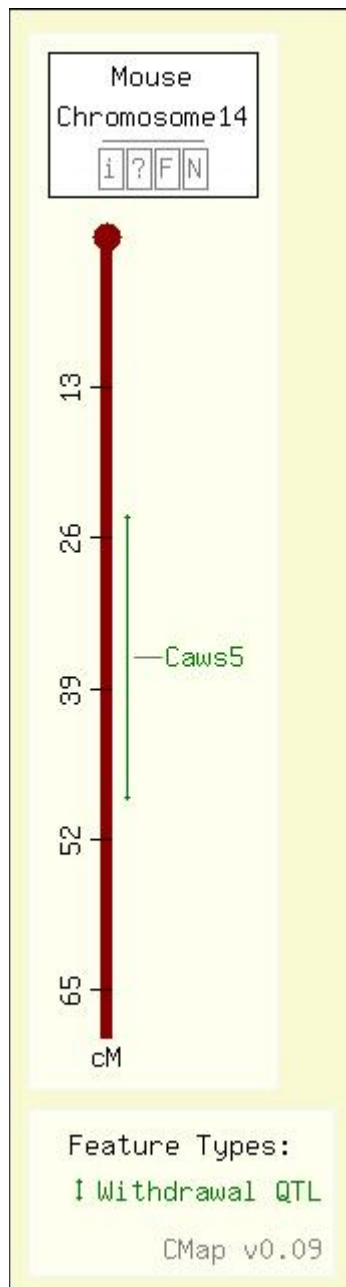
### phenotype

Chronic Alcohol Withdrawal

# Mouse Chromosome 14

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

### qtl\_code

Calw5

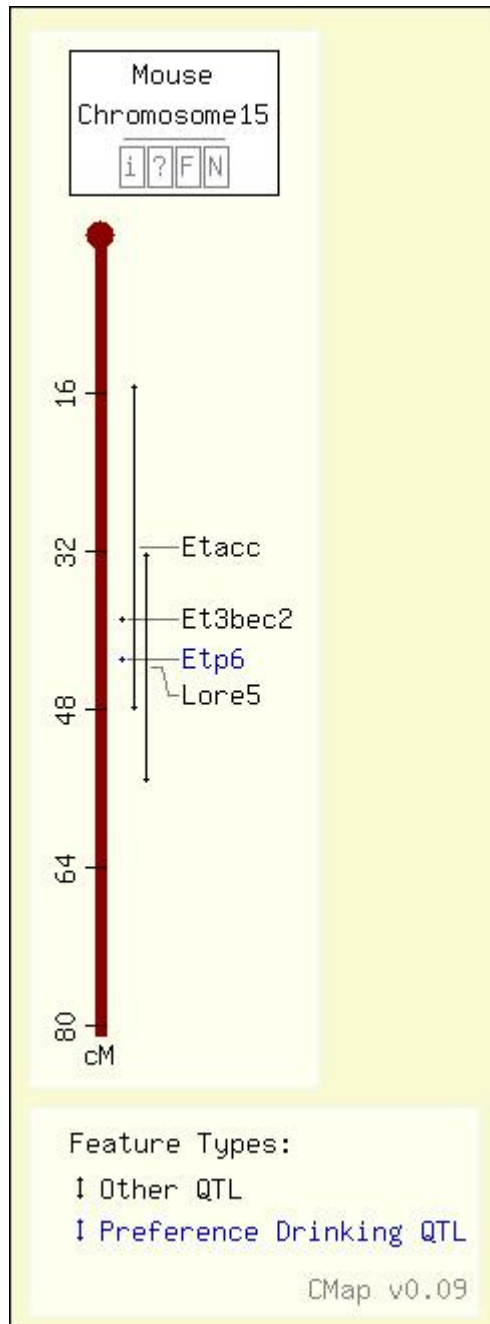
### phenotype

Chronic Alcohol Withdrawal

# Mouse Chromosome 15

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

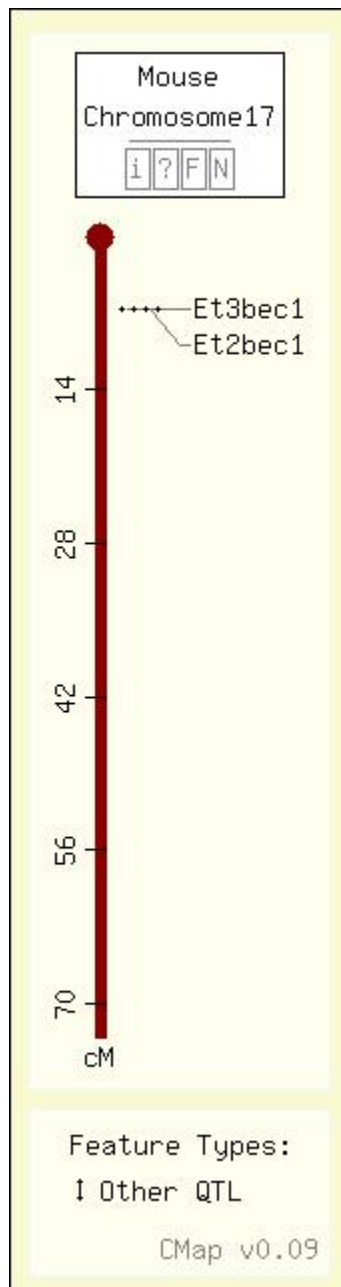
<u>qtl_code</u>	<u>phenotype</u>
Et3bec2	Acute Ethanol Metabolism
Etp6	Alcohol Preference Drinking
Etacc	Alcohol Acceptance
Lore5	Alcohol-induced Loss of Righting Reflex



# Mouse Chromosome 17

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



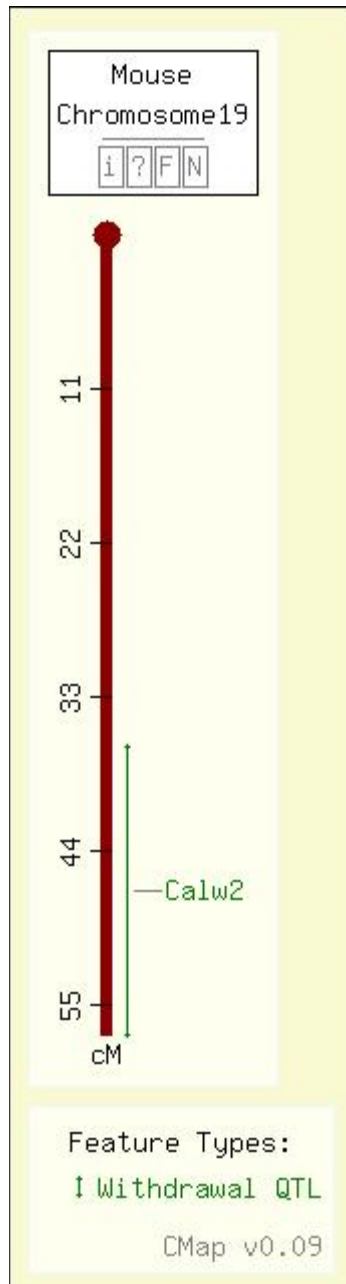
## Loci

<u>qtl_code</u>	<u>phenotype</u>
Et2met1	Acute Ethanol Metabolism
Et3met1	Acute Ethanol Metabolism
Et2bec1	Acute Ethanol Metabolism
Et3bec1	Acute Ethanol Metabolism

# Mouse Chromosome 19

Using the CMAP program, we have developed a set of figures representing each mouse chromosome and all of the QTLs mapped to that chromosome with 'significant' or 'suggestive' status. Clicking on the link for each locus displays additional details about the QTL.

## Map



## Loci

### qtl\_code

Calw2

### phenotype

Chronic Alcohol Withdrawal