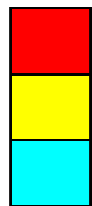


Body weight at 1 day of age

| | 1-337 | 14-11 |
|-------|-------|-------|
| 1-337 | | S |
| 14-11 | E | |



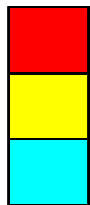
Significant using 5% genome-wide threshold
 Significant using 10% genome-wide threshold
 Significant using 20% genome-wide threshold

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| F |
| S |
| FS |
| E |

Significant using forward selection
 Significant using SIM
 Significant using forward selection and SIM
 Epistatic model selected for QTL pair

Body weight at 8 days of age

| | 1-63 | 1-417 | 1-475 | 2-168 | 3-30 | 3-117 | 3-167 | 3-219 | 4-125 | 7-11 | 8-61 | 11-93 | 12-60 | 18-21 | |
|-------|------|-------|-------|-------|------|-------|-------|-------|-------|------|------|-------|-------|-------|--|
| 1-63 | F | S | | | FS | S | | S | | | FS | FS | | | |
| 1-417 | | F | | | | | | | | | S | S | | | |
| 1-475 | | | | | | | | | | | | | S | | |
| 2-168 | | | | | | S | | | | S | | | | | |
| 3-30 | | | | | F | S | | | | | FS | FS | | | |
| 3-117 | | | | E | | | | | | | S | S | | S | |
| 3-167 | | | | | | | | | | | S | | | | |
| 3-219 | E | | | | | | | | | | | | | | |
| 4-125 | | | | | | | | | | | | | | | |
| 7-11 | | | | E | | | | | | | | | | | |
| 8-61 | | | | | | E | E | | | | F | FS | S | | |
| 11-93 | E | | | | E | E | | | | | | F | | | |
| 12-60 | | | E | | | | | | | | E | | | | |
| 18-21 | | | | | | E | | | | | | | | | |



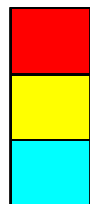
Significant using 5% genome-wide threshold
 Significant using 10% genome-wide threshold
 Significant using 20% genome-wide threshold

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| F |
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| FS |
| E |

Significant using forward selection
 Significant using SIM
 Significant using forward selection and SIM
 Epistatic model selected for QTL pair

Body weight at 46 days of age

| | 1-63 | 1-417 | 2-255 | 2-411 | 3-117 | 3-167 | 6-82 | 8-61 | 11-57 | 11-93 | 12-60 | 13-7 | 15-32 | E47W24-0 |
|----------|------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|------|-------|----------|
| 1-63 | F | FS | | | FS | | | | S | FS | FS | | | |
| 1-417 | | F | | | FS | | | | S | FS | S | | | |
| 2-255 | | | | | S | | | | S | | | | | |
| 2-411 | | | | | S | | | | | S | | | | |
| 3-117 | | | E | E | F | S | | | S | S | S | | S | S |
| 3-167 | | | | | | | | | S | | | | | |
| 6-82 | | | | | | | | | S | | | | | |
| 8-61 | | | | | | | | | S | | | | | |
| 11-57 | | | E | | | | | | | S | S | S | | |
| 11-93 | | | | | | | | | E | F | S | S | | |
| 12-60 | | | | | | | | | E | | F | S | | S |
| 13-7 | | | | | | | | | | E | | | | S |
| 15-32 | | | | | E | | | | | | | | | |
| E47W24-0 | | | | | E | | | | | | E | | | |



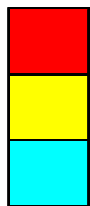
Significant using 5% genome-wide threshold
Significant using 10% genome-wide threshold
Significant using 20% genome-wide threshold

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| S |
| FS |
| E |

Significant using forward selection
Significant using SIM
Significant using forward selection and SIM
Epistatic model selected for QTL pair

Body weight at 112 days of age

| | 1-63 | 1-417 | 2-29 | 2-255 | 3-117 | 3-167 | 3-219 | 4-125 | 5-28 | 6-82 | 7-128 | 8-61 | 11-57 | 12-60 | E47W24-0 | 27-14 |
|----------|------|-------|------|-------|-------|-------|-------|-------|------|------|-------|------|-------|-------|----------|-------|
| 1-63 | F | FS | | | S | S | FS | FS | | | FS | | | FS | | FS |
| 1-417 | | F | S | | S | S | FS | FS | | | FS | | | FS | | FS |
| 2-29 | | E | | | | | | | | | | | | S | | |
| 2-255 | | | | | | | | | | | | | | | | S |
| 3-117 | | | | | | | | | | | S | | | | S | S |
| 3-167 | | | | | | | | S | | | S | | | S | | S |
| 3-219 | | | | | | | F | | | | | | | FS | S | FS |
| 4-125 | | | | | | | | F | | | FS | | S | S | | FS |
| 5-28 | | | | | | | | | | S | | | | S | | S |
| 6-82 | | | | | | | | | E | | | | | S | | |
| 7-128 | | | | | | | | | | | F | | | FS | | |
| 8-61 | | | | | | | | | | | | | | | | S |
| 11-57 | | | | | | | | E | | | | | | | | S |
| 12-60 | | | | | | | | E | | | | | | F | S | S |
| E47W24-0 | | | | | E | | | | | | | | | E | | |
| 27-11 | | | | E | | | | | | | | E | | E | | F |



Significant using 5% genome-wide threshold
 Significant using 10% genome-wide threshold
 Significant using 20% genome-wide threshold

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|----|
| F |
| S |
| FS |
| E |

Significant using forward selection
 Significant using SIM
 Significant using forward selection and SIM
 Epistatic model selected for QTL pair

Body weight at 200 days of age

| | 1-63 | 1-417 | 2-411 | 3-167 | 3-219 | 5-28 | 7-128 | 9-36 | 12-60 | 27-14 |
|-------|------|-------|-------|-------|-------|------|-------|------|-------|-------|
| 1-63 | F | FS | FS | S | FS | FS | | | | FS |
| 1-417 | | F | FS | S | FS | FS | | S | | FS |
| 2-411 | | | F | S | | FS | | | | FS |
| 3-167 | | | | | | S | S | | S | S |
| 3-219 | | | | | F | FS | | | | FS |
| 5-28 | E | | | E | | F | | | | FS |
| 7-128 | | | | | | | | | | |
| 9-36 | | E | | | | | | | | |
| 12-60 | | | | | | | | | | |
| 27-15 | E | | | | | | | | | F |

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|--|---|
| | Significant using 5% genome-wide threshold |
| | Significant using 10% genome-wide threshold |
| | Significant using 20% genome-wide threshold |

| | |
|----|---|
| F | Significant using forward selection |
| S | Significant using SIM |
| FS | Significant using forward selection and SIM |
| E | Epistatic model selected for QTL pair |

Growth from 1 to 8 days of age

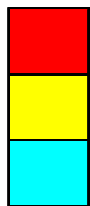
| | 1-63 | 1-417 | 2-168 | 3-30 | 3-117 | 3-219 | 5-89 | 6-82 | 8-61 | 13-7 | 18-21 |
|-------|------|-------|-------|------|-------|-------|------|------|------|------|-------|
| 1-63 | F | | | | FS | S | | | FS | | |
| 1-417 | | F | S | | | | | | S | S | |
| 2-168 | | E | | | | | | | | | |
| 3-30 | | | | | S | | S | | | | |
| 3-117 | E | | | E | F | FS | | | FS | S | S |
| 3-219 | E | | | | | | | | FS | | |
| 5-89 | | | | E | | | | | | | |
| 6-82 | | | | | | | | | | S | |
| 8-61 | E | E | | | E | E | | | F | | |
| 13-7 | | E | | | | | | E | | | |
| 18-21 | | | | | E | | | | | | |

| | |
|--|---|
| | Significant using 5% genome-wide threshold |
| | Significant using 10% genome-wide threshold |
| | Significant using 20% genome-wide threshold |

| | |
|----|---|
| F | Significant using forward selection |
| S | Significant using SIM |
| FS | Significant using forward selection and SIM |
| E | Epistatic model selected for QTL pair |

Growth from 8 to 46 days of age

| | 1-63 | 1-417 | 2-280 | 2-468 | 3-117 | 3-167 | 6-82 | 8-61 | E22C19W28-13 | 11-57 | 11-93 | 12-60 | 15-32 | E47W24-0 |
|--------------|------|-------|-------|-------|-------|-------|------|------|--------------|-------|-------|-------|-------|----------|
| 1-63 | F | FS | | | S | | | | | FS | S | | | |
| 1-417 | | F | | | | | | | | FS | S | | | |
| 2-280 | | | | | | | | | | S | | | | |
| 2-468 | | | | | S | | | | | | | | | |
| 3-117 | E | | | E | | S | | | | | S | S | S | S |
| 3-167 | | | | | | | | S | | | | | | |
| 6-82 | | | | | | | | | | S | | | | |
| 8-61 | | | | | | | | | | S | | | | |
| E22C19W28-13 | | | | | | | | | | | | S | | |
| 11-57 | | | E | | | | E | E | | F | | S | | |
| 11-93 | | | | | | | | | | | | | | |
| 12-60 | | | | | | | | | E | E | | | | S |
| 15-32 | | | | | E | | | | | | | | | |
| E47W24-0 | | | | | E | | | | | | | E | | |



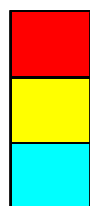
Significant using 5% genome-wide threshold
 Significant using 10% genome-wide threshold
 Significant using 20% genome-wide threshold

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| F |
| S |
| FS |
| E |

Significant using forward selection
 Significant using SIM
 Significant using forward selection and SIM
 Epistatic model selected for QTL pair

Growth from 46 to 112 days of age

| | 1-63 | 1-417 | 3-167 | 4-125 | 5-28 | 6-82 | 8-61 | 9-36 | 12-60 | E47W24-0 | 27-14 |
|----------|------|-------|-------|-------|------|------|------|------|-------|----------|-------|
| 1-63 | F | FS | | | S | | | | | | FS |
| 1-417 | | F | | | S | | | S | | | FS |
| 3-167 | | | | | S | | | | | | S |
| 4-125 | | | | F | | | | | | | |
| 5-28 | E | | | | | S | | | S | | S |
| 6-82 | | | | | E | | | | | | |
| 8-61 | | | | | | | | | | | S |
| 9-36 | | E | | | | | | | | | |
| 12-60 | | | | | E | | | | | S | S |
| E47W24-0 | | | | | | | | | E | | |
| 27-15 | | | | | E | | E | | | | F |



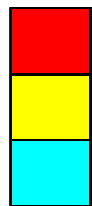
Significant using 5% genome-wide threshold
 Significant using 10% genome-wide threshold
 Significant using 20% genome-wide threshold

| |
|----|
| F |
| S |
| FS |
| E |

Significant using forward selection
 Significant using SIM
 Significant using forward selection and SIM
 Epistatic model selected for QTL pair

Growth from 112 to 200 days of age

| | 1-63 | 1-417 |
|-------|------|-------|
| 1-63 | F | FS |
| 1-417 | | F |



Significant using 5% genome-wide threshold
 Significant using 10% genome-wide threshold
 Significant using 20% genome-wide threshold

| |
|----|
| F |
| S |
| FS |
| E |

Significant using forward selection
 Significant using SIM
 Significant using forward selection and SIM
 Epistatic model selected for QTL pair