

# Trichuris TRC\_TRC\_001

## Purpose

*Trichuris* challenge

## Experimental Design

Mutant mice and wild-type controls (6 females/group)

## Procedure

Mutant mice and wild-type controls (6 females/group) are infected with *Trichuris muris* eggs by oral gavage.

Weights are recorded daily and any mice that have lost greater than 20% or that exhibit clinical signs are culled.

At day 33 post challenge the mice are sacrificed with the caecum collected and assessed for the presence or absence of worms. In addition blood is collected by cardiac puncture and serum isolated for confirmation of productive infection.

## Parameters and Metadata

### Pre day 32 death TRC\_TRC\_001\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: pre\_day\_32\_death

Options: No, Yes,

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### Presence of worms in caecum TRC\_TRC\_002\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: presence\_of\_worms\_in\_caecum

Options: Yes - high, Yes - rare, None,

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## Necropsy comment TRC\_TRC\_003\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: necropsy\_comment

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## Trichuris serum IgG1 TRC\_TRC\_004\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## Trichuris serum IgG2a TRC\_TRC\_005\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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**Trichuris serum IgE** TRC\_TRC\_006\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Trichuris weight curve** TRC\_TRC\_007\_001 | v1.0

seriesParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** % weight difference

**Increments:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32,