

# Overview

## Cells

| Cell  | Total Surface Area     | Sections | Segments | Active Channels (id,[Name]) |
|-------|------------------------|----------|----------|-----------------------------|
| Cell1 | 1.25663706144e-09 m**2 | 1        | 5        | HULL12_DIN_LK_ID [LkChl]    |

## Current Clamps

| Name  | Location | Delay | Amplitude | Duration |
|-------|----------|-------|-----------|----------|
| Stim1 | Cell1    | 0.1 s | 2e-10 A   | 0.1 s    |

# Cells Details

## Cell1

### Overview

| Name       | value                  |
|------------|------------------------|
| Total Area | 1.25663706144e-09 m**2 |
| Regions    | NoRegionGiven          |
| idTags     | soma                   |

### MorphologyTree

| Region        | n_segments | Area          |
|---------------|------------|---------------|
| NoRegionGiven | 1          | 1256.63706144 |

| Mechanism | Targettor     | Applicator   |
|-----------|---------------|--|
| LkChl     | MM-Everywhere | Uniform [eLk:-0.051 kg*m**2/(s**3*A), gLk:2.5 s**3*A**2/(kg*m**4), gScale:1.0 dimensionless] |

### Sections

| Section | Parent | Region        | ID   | Radius (Proximal) | Radius (Distal) | Length | Area          | n_segments |
|---------|--------|---------------|------|-------------------|-----------------|--------|---------------|------------|
| 0       | [NA]   | NoRegionGiven | soma | 10.00             | 10.00           | 20.00  | 1256.63706144 | 5          |

# Gap Junctions

| Cell1 | Cell2 | Resistance | Distance Soma1 | Distance Soma2 | PrePostDist |
|-------|-------|------------|----------------|----------------|-------------|
|-------|-------|------------|----------------|----------------|-------------|

# Synapses

# Key-Traces

# Membrane Definitions

LkChI

LkChI

## Parameters

| Parameter Name | Default   |
|----------------|---|
| gLk            | $2.5 \text{ s}^3\text{A}^2/(\text{kg}\cdot\text{m}^4)$  |
| eLk            | $-0.051 \text{ kg}\cdot\text{m}^2/(\text{s}^3\text{A})$ |
| gScale         | 1.0 dimensionless                                       |

## Overview

|                    |   |
|--------------------|---|
| Conductance        | $2.5 \text{ s}^3\text{A}^2/(\text{kg}\cdot\text{m}^4)$  |
| Reversal Potential | $-0.051 \text{ kg}\cdot\text{m}^2/(\text{s}^3\text{A})$ |