Mouse Injection Sheet

Objective:

Virus/Chemical Info=

Ketamine @ 75 mg/kg/hr = Xylazine @ 10mg/kg = (or DEX @ 0.25 mg/kg)

Atropine @ 0.4 mg/kg =

Dexamethasone @ 0.2 mg/kg =

Dextrose @ 10% solutions

OTHER CHEMICALS:

SURGICAL:

Induce

Shave

Betadine and alcohol

Cut skin

Separate membranes and setup area

Antibiotic spray

Vetbond area to setup

Craniotomy outline to include cover slip

Add 0.8ul of SR-101 to virus solution

Inject virus, use 10-15um pipette

Rinse and place agarose 1%

Cement cover slip

Finalize well

Take picture of injected locations

Antibiotic

Pain reliever

Lactated ringers (0.5ml subq)

Recover under warming heat

POST-OP CARE:

Anti-biotic ointment

Anti-biotic spray

Baytril (5 mg/kg) =

Carprofen/Rimadyl (5-10 mg/kg) =

Anesthesia Notes:

Date=

Start Time=

Recovery Time=

ID=

Strain=

Sex=

Weight=

DOB=

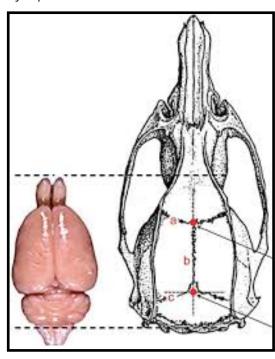
Injection Location and Amount

Injections=

Inj Locations=

Inj Volume=

Inj Depths=



Procedure Notes:

Infusion/Injections Log

Time	Drug/Conc	Dose/Route
:		
:		
:		
:		
:		
:		

Instruments for Survival Surgeries and Auto-clave

BEFORE STARTING

Check that mouse is in the correct protocol for virus injection (eg. 15127334)

Make pipettes (>10um tip diameter for virus injection)

Make cover slips (two round 4mm cover slips over one round 5mm cover slip)

Have propper head plate

AUTO-CLAVE

Scissors

Bone tool

Forceps fine

Forceps large

Hemostat

Hemostat

Tissue separator small

Qtips

Gauze

Triangles

Cover slips

Bone screws

Pipette glass tubes (pipettes > 10um in tip diameter for virus injections)

Ear bars

Drill bit

Drape for instrments

Sterile saline in syringe

Suture

Gel foam

Betadine

Bucket or beaker with ice

Alcohol wipes

Glue

POST-OP CARE

Anti-biotic ointment
Anti-biotic spray
Baytril (5 mg/kg) =
Carprofen/Rimadyl (5-10 mg/kg) =

Remember to

Add session number Add mouse ID Description of previous procedure Lactated ringers 0.5ml subq