**Date: 3/7/2024**

**Goal: stim/recording IN HEADPOST MOUSE**

**Mouse: R16**

**Condition:anes**

**Probe: 12186 (A2x16)**

**Recording time: 4-5pM**

LEFT craniotomy

Shank1- Shank1- (250,- 400um,), shank2 - (-250,- 400um) TO 5300 um with undiluted DiI

Ephys 4 - Video 004

Time:30 s

Depth: 5300 um

Active channel:

Stim: shank 1-all, 2uA, 10000 us,single

Respond channel: A7,11,6,12

Behavior: whisker, ear,eye

Ephys 6 - Video 006

Time:30 s

Depth: 5300 um

Active channel:

Stim: shank 2-lower half, 2uA, 10000 us,single

Respond channel:

Behavior: whisker a little

Ephys 7 - Video 007

Time:60 s

Depth: 5300 um

Active channel:

Stim: shank 2-upper half, 2uA, 10000 us,single

Respond channel: A24,23,27,28,21

Behavior: whisker, ear eye

Ephys 8 - Video 008

Time:60 s

Depth: 5300 um

Active channel:

Stim: shank 2-upper half, 2uA, 1000 us,train(10), 25 Hz,1000 us

Respond channel:

Behavior: whisker, ear (a little)

Ephys 9 - Video 009

Time:80 s

Depth: 5300 um

Active channel:

Stim: shank 2-all, 2uA, 1000 us, single

Respond channel: A25,27,29

Behavior: whisker, ear , eye

Ephys 10 - Video 010

Time:60 s

Depth: 5300 um

Active channel:

Stim: shank 2-all, 2uA, 1000 us,train(20), 40 Hz,1000 us

Respond channel:

Behavior: whisker, ear , eye( one big move)

Ephys 11 - Video 011 x

Ephys 12 - Video 012

Time:30 s

Depth: 5300 um

Active channel:

Stim: shank 2-all, 2uA, 1000 us,train(20), 10 Hz,1000 us

Respond channel:

Behavior: whisker, ear(shake) , eye(very slight shake)

Ephys 13 - Video 013

Time:30 s

Depth: 5300 um

Active channel:

Stim: shank 2-all, 2uA, 1000 us,train(20), 20 Hz,1000 us

Respond channel:

Behavior: whisker, ear , eye(shake)

Ephys 14 - Video 014

Time:30 s

Depth: 5300 um

Active channel:

Stim: shank 2-all, 2uA, 1000 us,train(20), 30 Hz,1000 us

Respond channel:

Behavior: whisker, ear(shake) , eye(very little move)

Ephys 15 - Video 015

Time:30 s

Depth: 5300 um

Active channel:

Stim: shank 2-all, 2uA, 1000 us,train(20), 40 Hz,1000 us

Respond channel:

Behavior: whisker, ear(shake) , eye(one, big move)

Ephys 16 - Video 016

Time:50 s

Depth: 5300 um

Active channel:

Stim: shank 2-all, 2uA, 1000 us,train(20), 50 Hz,1000 us

Respond channel:

Behavior: whisker(shake?), ear , eye(one, big move)

Ephys 17 - Video 017x

Ephys 18 - Video 018

Time:10 s

Depth: 5300 um

Active channel:

Stim: shank 2-A31,18,22,17, 2uA, 10000 us,single

Respond channel:

Behavior: NONE

Note: