**CL8 CeA(Dyn+) Session Notes – Cohort 1, Final Data Set**

**Ethanol Sessions – 15 Sessions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Session** | **Channel** | **Mouse** | **Mean 470/405** | **Comments** |
| 20201026CL8A1B8 | A | 1 | 522/460 | Looks normal. **Can’t verify bouts with DEG because turned light off. Manually coded %C.** |
| 20201026CL8A1B8 | B | 8 | 352/542 | Weird drop-off in the 405 at the beginning. **Can’t verify bouts with DEG because turned light off. Manually coded %C.** |
| 20201028CL8A4B10 | B | 10 | 456/606 | Steep 405 at beginning. **Can’t verify bouts with DEG because turned light off. Manually coded %C.** |
| 20201030CL8A6B8 | A | 6 | 397/329 | Small upward shift in both signals in the middle, **Can’t verify bouts with DEG because turned light off. Couldn’t verify manually because too dark. Verified a single bout manually before light turned off.** Single bout!!!! |
| 20201030CL8A6B8 | B | 8 | 406/616 | **Can’t verify bouts with DEG because turned light off. Couldn’t verify manually because too dark. Verified two bouts manually before light turned off.** |
| 20201102CL8A1B8 | A | 1 | 507/391 | Weird activity toward end makes normalization weird. Believe this is the result of intoxication – huge burst in licks. **Can’t verify bouts with DEG because turned light off. Manually coded %C.** |
| 20201102CL8A1B8 | B | 8 | 408/629 | **Can’t verify bouts with DEG because turned light off. Manually coded %C.** |
| 20201104CL8A4B10 | B | 10 | 275/352 |  |
| 20201105CL8A13B5 | B | 5 | 384/537 |  |
| 20201106CL8A6B10 | A | 6 | 409/335 | Lil shift in middle |
| 20201109CL8A1B8 | B | 8 | 417/641 |  |
| 20201110CL8A9B3 | A | 9 | 301/233 |  |
| 20201111CL8A4B10 | B | 10 | 273/314 | Weird shifts caused by artifacts in the 405 |
| 20201113CL8A6B5 | B | 5 | 321/410 | Movement artifacts? Single bout! |
| 20201113CL8A6B5 | A | 6 | 388/311 | Lil shift in middle |

**Water Sessions – 13 sessions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Session** | **Channel** | **Mouse** | **Mean 470/405** | **Comments** |
| 20201116CL8A1B8Water | A | 1 | 451/354 | Looks fine. Lots of peaks. |
| 20201116CL8A1B8Water | B | 8 | 335/525 |  |
| 20201117CL8A9B3Water | A | 9 | 342/213 |  |
| 20201118CL8A4B10Water | B | 10 | 243/301 | Artifacts and peaks look very busy compared to prev. traces. |
| 20201120CL8A6B5Water | B | 5 | 247/311 | Movement artifacts? |
| 20201120CL8A6B5Water | A | 6 | 304/322 | The signals swapped who was highest. Lil weird but likely not a big problem. Single bout! |
| 20201124CL8A1B8Water | A | 1 | 518/552 | The signals swapped and large drop-off of the 405. Makes lil rainbow. Peaks look different. |
| 20201124CL8A1B8Water | B | 8 | 354/517 |  |
| 20201125CL8A9B3Water | A | 9 | 301/233 |  |
| 20201126CL8A4B10Water | B | 10 | 222/270 | The raw is very diff than the normalized. |
| 20201127CL8A13B5Water | B | 5 | 294/383 | Movement artifacts? |
| 20201128CL8A6B10Water | A | 6 | 392/339 |  |
| 20201128CL8A6B10Water | B | 10 | 219/245 | The raw is very diff than the normalized. |

**Sucrose Sessions – 20 sessions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Session** | **Channel** | **Mouse** | **Mean 470/405** | **Comments** |
| 20201130CL8A1B8Sucrose | A | 1 | 465/418 |  |
| 20201130CL8A1B8Sucrose | B | 8 | 366/535 |  |
| 20201201CL8A9B3Sucrose | A | 9 | 294/229 |  |
| 20201202CL8A4B10Sucrose | B | 10 | 222/243 |  |
| 20201203CL8A13B5Sucrose | B | 5 | 295/381 | Big ass artifact example |
| 20201204CL8A6B5Sucrose | B | 5 | 289/345 | Don’t see any artifacts this time. |
| 20201204CL8A6B5Sucrose | A | 6 | 367/303 |  |
| 20201207CL8A1B8Sucrose | B | 8 | 362/518 |  |
| 20201208CL8A9B3Sucrose | A | 9 | 286/213 |  |
| 20201209CL8A4B10Sucrose | B | 10 | 218/268 |  |
| 20201210CL8A13B5Sucrose | B | 5 | 281/373 | See some small artifacts |
| 20201211CL8A1B6Sucrose | A | 1 | 433/280 |  |
| 20201211CL8A1B6Sucrose | **B** | 6 | 365/421 | Swapped highest signal & stations. |
| 20201214CL8A1B8Sucrose | A | 1 | 446/360 |  |
| 20201214CL8A1B8Sucrose | B | 8 | 337/433 |  |
| 20201215CL8A9B3Sucrose | A | 9 | 266/183 | Peaks look a little muted |
| 20201216CL8A4B10Sucrose | B | 10 | 200/219 |  |
| 20201217CL8A13B5Sucrose | B | 5 | 261/304 | See some small artifacts |
| 20201218CL8A6B9Sucrose | A | 6 | 358/265 |  |
| 20201218CL8A6B9Sucrose | **B** | 9 | 253/265 | Swapped stations. |

Final Session Total = 15+13+20 = 48

**Dropped Sessions – Incorrect Virus and/or Placement, No Bouts, or No Verifiable Bouts (latter two categories were not used to exclude sessions from the normalization method analysis)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Session** | **Channel** | **Mouse** | **Mean 470/405** | **Comments** |
| 20201027CL8A9B3 | B | 3 |  | Dropped #3 – wrong placement |
| 20201027CL8A9B3 | A | 9 | 306/243 | No bouts |
| 20201028CL8A4B10 | A | 4 |  | Dropped #4 – wrong placement |
| 20201029CL8A13B5 | B | 5 | 351/498 | **Can’t verify bouts with DEG because turned light off. Too dark for manual coding. Also, the video is only 1 hr so can’t verify manually either.** |
| 20201029CL8A13B5 | A | 13 |  | Dropped #13 – wrong placement, Also, the video is only 1 hr. |
| 20201103CL8A9B3 | A | 9 | 316/251 | **Can’t verify bouts with DEG because turned light off. Manually coded %C. TrueBout filter eliminated all bouts.** |
| 20201103CL8A9B3 | B | 3 |  | Dropped #3 – wrong placement |
| 20201104CL8A4B10 | A | 4 |  | Dropped #4 – wrong placement |
| 20201105CL8A13B5 | A | 13 |  | Dropped #13 – wrong placement |
| 20201106CL8A6B10 | B | 10 | 244/301 | No bouts; Artifact in mid405 and shift in end 470 |
| 20201109CL8A1B8 | A | 1 | 473/354 | **No bouts** but looks normalish (many peaks) |
| 20201110CL8A9B3 | B | 3 |  | Dropped #3 – wrong placement |
| 20201111CL8A4B10 | A | 4 |  | Dropped #4 – wrong placement |
| 20201112CL8A13B5 | A | 13 |  | Dropped #13 – wrong placement |
| 20201112CL8A13B5 | B | 5 | 351/482 | No bouts. Movement artifacts? |
| 20201117CL8A9B3Water | B | 3 |  | Dropped #3 – wrong placement |
| 20201118CL8A4B10Water | A | 4 |  | Dropped #4 – wrong placement |
| 20201119CL8A13B5Water | A | 13 |  | Dropped #13 – wrong placement |
| 20201119CL8A13B5Water | B | 5 | 328/423 | No bouts |
| 20201125CL8A9B3Water | B | 3 |  | Dropped #3 – wrong placement |
| 20201126CL8A4B10Water | A | 4 |  | Dropped #4 – wrong placement |
| 20201127CL8A13B5Water | A | 13 |  | Dropped #13 – wrong placement |
| 20201201CL8A9B3Sucrose | B | 3 |  | Dropped #3 – wrong placement |
| 20201202CL8A4B10Sucrose | A | 4 |  | Dropped #4 – wrong placement |
| 20201203CL8A13B5Sucrose | A | 13 |  | Dropped #13 – wrong placement |
| 20201207CL8A1B8Sucrose | A | 1 | 468/397 | No bouts |
| 20201208CL8A9B3Sucrose | B | 3 |  | Dropped #3 – wrong placement |
| 20201209CL8A4B10Sucrose | A | 4 |  | Dropped #4 – wrong placement |
| 20201210CL8A13B5Sucrose | A | 13 |  | Dropped #13 – wrong placement |
| 20201215CL8A9B3Sucrose | B | 3 |  | Dropped #3 – wrong placement |
| 20201216CL8A4B10Sucrose | A | 4 |  | Dropped #4 – wrong placement |
| 20201217CL8A13B5Sucrose | A | 13 |  | Dropped #13 – wrong placement |