Re: SPAN: Heads up about MRI data

From: Karisma A Nagarkatti I nagarkat@usc.edu

Friday, Jul 16, 8:31 AM

To: Ryan Cabeen | Ryan.Cabeen@loni.usc.edu

Hi Ryan,

I hope you are doing well. I wanted to just give you a heads up that I will be asking if you have any MRI data from the pipeline for Stage 2 MRI images so that stats can run the control charts. Our hope is to show these control charts before the 7/28 Steering Meeting. Please let me know if you need anything from me. Thank you for your help with this!

Thanks, Karisma

From: Ryan Cabeen | ryan.cabeen@loni.usc.edu

Friday, Jul 16, 3:12 PM

To: Karisma A Nagarkatti I nagarkat@usc.edu

Hi Karisma.

Sure thing, I'll work on that. We can definitely have the mouse results soon, and I'll try to get the rat pipeline up and running in time for that meeting.

Cheers,

Ryan

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

Keck School of Medicine of USC

University of Southern California

2025 Zonal Ave.

Los Angeles, CA 90033

Tel: (323) 44-BRAIN

Email: rcabeen@loni.usc.edu

Web: <u>cabeen.io</u> <u>www.ini.usc.edu</u> From: Karisma A Nagarkatti I nagarkat@usc.edu

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From: Karisma A Nagarkatti I nagarkat@usc.edu

Friday, Jul 16, 3:27 PM

To: Ryan Cabeen | Ryan.Cabeen@loni.usc.edu

Hi Ryan,

Thanks so much, we appreciate all you have taken on for this project. Please let us know if you need anything from us and we will get it to you as soon as possible,

Thanks again,

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Saturday, Jul 17, 11:16 PM

To: Karisma A Nagarkatti I nagarkat@usc.edu

Hi Karisma,

Glad to help — just following up on this, I only see one case on the IDA for stage 2, subject KX0658. Is that right?

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Thanks.

Karisma

From: Karisma A Nagarkatti I nagarkat@usc.edu

Monday, Jul 19, 9:33 AM

To: Ryan Cabeen | Ryan.Cabeen@loni.usc.edu

Hi ryan,

We should definitely have more cases in IDA. Each site was responsible for 24 mice or Rats in the 1st block which is ending this week. We had some mortality in the aged mice and SHR. Let me check this out and get back to you.

Thanks, Karisma

From: Ryan Cabeen | Ryan.Cabeen@loni.usc.edu To: Karisma A Nagarkatti | nagarkat@usc.edu Saturday, Jul 17, 11:16 PM

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Thanks, Karisma

From: Karisma A Nagarkatti I nagarkat@usc.edu

Monday, Jul 19, 1:32 PM

To: Ryan Cabeen | Ryan.Cabeen@loni.usc.edu

Hi Ryan,

When I look up MRI listings, I have this list below. I have asked Karen to create a list of just Stage 2 MRI's. I will ask her what the issue could be and why you are unable to find them on your end.

Thanks,

Karisma

| SITE | ANIMALID | VISIT | SEQUENCE | SCANDATE U | JPLOADDT |
|------|------------|-------|---------------------|------------|----------|
| MGH | QC3165 | 2D2 | MRI scan | 02:02.0 | 7/16/21 |
| MGH | QC3165 | 2D2 | MRI scan | 08:44.0 | 7/16/21 |
| MGH | AM4774 | 2D2 | MRI scan | 25:35.0 | 7/16/21 |
| MGH | AM4774 | 2D2 | MRI scan | 32:17.0 | 7/16/21 |
| MGH | KX0215 | 2D2 | MRI scan | 47:06.0 | 7/16/21 |
| MGH | KX0215 | 2D2 | MRI scan | 53:49.0 | 7/16/21 |
| MGH | VH2195 | 2D2 | MRI scan | 08:27.0 | 7/16/21 |
| MGH | VH2195 | 2D2 | MRI scan | 15:09.0 | 7/16/21 |
| MGH | AM4773 | 2D2 | MRI scan | 34:48.0 | 7/16/21 |
| MGH | AM4773 | 2D2 | MRI scan | 41:30.0 | 7/16/21 |
| MGH | QC3164 | 2D2 | MRI scan | 59:15.0 | 7/16/21 |
| MGH | QC3164 | 2D2 | MRI scan | 05:57.0 | 7/16/21 |
| MGH | VH2196 | 2D2 | MRI scan | 21:36.0 | 7/16/21 |
| MGH | VH2196 | 2D2 | MRI scan | 28:18.0 | 7/16/21 |
| MGH | KX0216 | 2D2 | MRI scan | 47:31.0 | 7/16/21 |
| MGH | KX0216 | 2D2 | MRI scan | 54:13.0 | 7/16/21 |
| UTH | AM4846D2OB | 2D2 | MRI scan | 09:02.0 | 7/16/21 |
| UTH | AM4846D2OB | 2D2 | MRI scan | 19:24.0 | 7/16/21 |
| UTH | KX0297D2OB | 2D2 | MRI scan | 36:01.0 | 7/16/21 |
| UTH | KX0297D2OB | 2D2 | MRI scan | 46:23.0 | 7/16/21 |
| Yale | FR4869 | 2D2 | MRI scan | 25:43.0 | 7/15/21 |
| Yale | FR4869 | 2D2 | MRI scan | 33:12.0 | 7/15/21 |
| Yale | AM5305 | 2D2 | MRI scan | 44:51.0 | 7/15/21 |
| Yale | AM5305 | 2D2 | MRI scan | 52:19.0 | 7/15/21 |
| Yale | QC3692 | 2D2 | MRI scan | 19:51.0 | 7/15/21 |
| Yale | QC3692 | 2D2 | MRI scan | 35:15.0 | 7/15/21 |
| Yale | KX0621 | 2D2 | MRI scan | 02:48.0 | 7/15/21 |
| Yale | KX0621 | 2D2 | MRI scan | 10:17.0 | 7/15/21 |
| | | | VH2732-D2- Aged- | | |
| JHU | VH2732 | 2D2 | 15months | 00:30.0 | 7/15/21 |
| | | | VH2732-D2- Aged- | | |

| JHU | VH2732 | 2D2 | 15months | 50:28.0 | 7/15/21 |
|---------|--------|-----|---------------------------------|---------|---------|
| | | | VH2732-D2- Aged- | | |
| JHU | VH2732 | 2D2 | 15months | 39:32.0 | 7/15/21 |
| | | | KX0640-D2- Aged- | | |
| JHU | KX0640 | 2D2 | 15months | 34:48.0 | 7/15/21 |
| JHU | KX0640 | 2D2 | KX0640-D2- Aged- 15months | 21:01.0 | 7/15/21 |
| JHU | KX0640 | 2D2 | KX0640-D2- Aged- 15months | 10:04.0 | 7/15/21 |
| JHU | QC3700 | 2D2 | QC3700-D2- Aged- 15months | 07:48.0 | 7/15/21 |
| JHU | QC3700 | 2D2 | QC3700-D2- Aged- 15months | 57:45.0 | 7/15/21 |
| | | | QC3700-D2- Aged- | | |
| JHU | QC3700 | 2D2 | 15months | 47:05.0 | 7/15/21 |
| Yale | FR4870 | 2D2 | MRI scan | 38:08.0 | 7/15/21 |
| Yale | FR4870 | 2D2 | MRI scan | 54:15.0 | 7/15/21 |
| Yale | AM5306 | 2D2 | MRI scan | 27:12.0 | 7/15/21 |
| Yale | AM5306 | 2D2 | MRI scan | 34:42.0 | 7/15/21 |
| Yale | QC3689 | 2D2 | MRI scan | 02:05.0 | 7/15/21 |
| Yale | QC3689 | 2D2 | MRI scan | 09:34.0 | 7/15/21 |
| Yale | VH2715 | 2D2 | MRI scan | 36:36.0 | 7/15/21 |
| Yale | VH2715 | 2D2 | MRI scan | 44:04.0 | 7/15/21 |
| Yale | FR4873 | 2D2 | MRI scan | 12:47.0 | 7/15/21 |
| Yale | FR4873 | 2D2 | MRI scan | 20:47.0 | 7/15/21 |
| | | | Cage#433634- | | |
| Augusta | AM3288 | 2D2 | Yellow Tag | 22:18.0 | 7/15/21 |

| | | | Cage#433634- | | |
|---------|--------|-----|---------------------------------|---------|---------|
| Augusta | AM3288 | 2D2 | 3 Yellow Tag | 15:03.0 | 7/15/21 |
| | | | Cage#433620- | | |
| Augusta | FR8346 | 2D2 | White Tag | 11:38.0 | 7/15/21 |
| | | | Cage#433620- | | |
| Augusta | FR8346 | 2D2 | White Tag | 07:02.0 | 7/15/21 |
| | | | Cage#433634- | | |
| Augusta | FR4347 | 2D2 | White Tag | 45:17.0 | 7/15/21 |
| | | | Cage#433634- | | |
| Augusta | FR4347 | 2D2 | White Tag | 31:54.0 | 7/15/21 |
| | | | Cage#433634- | | |
| Augusta | VH5305 | 2D2 | Green Tag | 06:40.0 | 7/15/21 |
| | | | Cage#433634- | | |
| Augusta | VH5305 | 2D2 | Green Tag | 59:18.0 | 7/15/21 |
| JHU | QC3719 | 2D2 | Qc3719-D2- Aged- 15months | 55:27.0 | 7/14/21 |
| 0110 | Q00713 | 202 | Qc3719-D2- Aged- | 33.27.0 | 1117/21 |
| JHU | QC3719 | 2D2 | 15months | 34:27.0 | 7/14/21 |
| | | | Qc3719-D2- Aged- | | |
| JHU | QC3719 | 2D2 | 15months | 45:24.0 | 7/14/21 |
| | | | VH2730-D2- Aged- | | |
| JHU | VH2730 | 2D2 | 15months | 20:14.0 | 7/14/21 |
| | | | VH2730-D2- Aged- | | |
| JHU | VH2730 | 2D2 | 15months | 40:43.0 | 7/14/21 |

| | | | VH2730-D2- | | |
|---------|----------|-----|-------------------|---------|---------|
| JHU | VH2730 | 2D2 | Aged- 15months | 30:39.0 | 7/14/21 |
| | 11.27.00 | | KX0658-D2- | 30.00.0 | .,.,,_1 |
| | | | Aged- | | |
| JHU | KX0658 | 2D2 | 15months | 54:11.0 | 7/14/21 |
| | | | KX0658-D2- | | |
| | | | Aged- | | |
| JHU | KX0658 | 2D2 | 15months | 05:09.0 | 7/14/21 |
| | | | KX0658-D2- | | |
| | | | Aged- | | |
| JHU | KX0658 | 2D2 | 15months | 15:13.0 | 7/14/21 |
| Yale | KW9450 | 2D2 | MRI scan | 13:24.0 | 7/14/21 |
| Yale | KW9450 | 2D2 | MRI scan | 28:44.0 | 7/14/21 |
| Yale | FR8149 | 2D2 | MRI scan | 42:30.0 | 7/14/21 |
| Yale | FR8149 | 2D2 | MRI scan | 50:30.0 | 7/14/21 |
| Yale | QC2430 | 2D2 | MRI scan | 18:29.0 | 7/14/21 |
| Yale | QC2430 | 2D2 | MRI scan | 34:06.0 | 7/14/21 |
| Yale | AM5303 | 2D2 | MRI scan | 00:48.0 | 7/14/21 |
| Yale | AM5303 | 2D2 | MRI scan | 08:16.0 | 7/14/21 |
| Yale | VH22717 | 2D2 | MRI scan | 35:03.0 | 7/14/21 |
| Yale | VH22717 | 2D2 | MRI scan | 42:30.0 | 7/14/21 |
| Yale | QC2429 | 2D2 | MRI scan | 10:26.0 | 7/14/21 |
| Yale | QC2429 | 2D2 | MRI scan | 17:55.0 | 7/14/21 |
| | | | Cage#433619- | | |
| Augusta | KW8754 | 2D2 | OrangeTag | 35:40.0 | 7/14/21 |
| | | | Cage#433619- | | |
| Augusta | KW8754 | 2D2 | OrangeTag | 28:21.0 | 7/14/21 |
| Yale | KX0639 | 2D2 | MRI scan | 44:47.0 | 7/14/21 |
| Yale | KX0639 | 2D2 | MRI scan | 00:27.0 | 7/14/21 |
| | | | Cage#419683- | | |
| Augusta | KW8759 | 2D2 | Orange Tag | 19:33.0 | 7/14/21 |

| | | | Cage#419683- | | |
|---------|--------|-----|------------------|---------|---------------------|
| Augusta | KW8759 | 2D2 | 2 Orange Tag | 12:43.0 | 7/14/2 |
| | | | Cage#419683- | | |
| Augusta | QC1687 | 2D2 | Blue Tag | 45:23.0 | 7/14/2 |
| | | | Cage#419683- | | |
| Augusta | QC1687 | 2D2 | Blue Tag | 38:26.0 | 7/14/2 |
| | | | Cage#433619- | | |
| Augusta | QC1688 | 2D2 | Blue Tag | 02:13.0 | 7/14/2 |
| | | | Cage#433619- | | |
| Augusta | QC1688 | 2D2 | Blue Tag | 54:50.0 | 7/14/2 |
| | | | Cage#433619- | | |
| Augusta | VH5301 | 2D2 | Green Tag | 07:37.0 | 7/14/2 |
| | | | Cage#433619- | | |
| Augusta | VH5301 | 2D2 | Green Tag | 00:25.0 | 7/14/2 |
| UIOWA | QC2962 | 2D2 | ADC_map b = 500 | 23:17.0 | 7/12/2 |
| UIOWA | QC2962 | 2D2 | T2_map TE = 75 | 58:13.0 | 7/12/2 |
| UIOWA | QC2962 | 2D2 | ADC_map b = 1000 | 19:16.0 | 7/12/2 ⁻ |
| UIOWA | QC2962 | 2D2 | ADC_map b = 0 | 27:09.0 | 7/12/2 ⁻ |
| UIOWA | QC2962 | 2D2 | T2_map TE = 15 | 12:22.0 | 7/12/2 ⁻ |
| UIOWA | QC2962 | 2D2 | T2_map TE = 45 | 06:01.0 | 7/12/2 ⁻ |
| UIOWA | VH1102 | 2D2 | ADC_map b = 500 | 57:22.0 | 7/12/2 ⁻ |
| | | | T2_map TE = | | |

| UIOWA | VH1102 | 2D2 | 45 | 11:07.0 | 7/12/21 |
|-------|--------|-----|------------------|---------|---------|
| UIOWA | VH1102 | 2D2 | T2_map TE = 15 | 17:28.0 | 7/12/21 |
| UIOWA | VH1102 | 2D2 | ADC_map b = 0 | 01:07.0 | 7/12/21 |
| UIOWA | VH1102 | 2D2 | T2_map TE = 75 | 31:20.0 | 7/12/21 |
| UIOWA | VH1102 | 2D2 | ADC_map b = 1000 | 51:44.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | ADC_map b = 1000 | 49:00.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | ADC_map b = 500 | 54:31.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | ADC_map b = 0 | 58:17.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | T2_map TE = 45 | 08:24.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | T2_map TE = 15 | 14:47.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | T2_map TE = 75 | 01:58.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | T2_map TE = 45 | 18:39.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | ADC_map b = 1000 | 52:49.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | ADC_map b = 0 | 02:12.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | T2_map TE = 15 | 12:13.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | ADC_map b = 500 | 58:11.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | T2_map TE = 75 | 05:52.0 | 7/12/21 |
| UIOWA | QC2963 | 2D2 | T2_map TE = 15 | 11:47.0 | 7/12/21 |

| | | 75 | 58:00.0 | 7/12/21 |
|--------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| QC2963 | 2D2 | T2_map TE = 45 | 05:03.0 | 7/12/21 |
| QC2963 | 2D2 | ADC_map b = 1000 | 45:29.0 | 7/12/21 |
| QC2963 | 2D2 | ADC_map b = 500 | 50:33.0 | 7/12/21 |
| QC2963 | 2D2 | ADC_map b = 0 | 54:21.0 | 7/12/21 |
| VH1103 | 2D2 | ADC_map b = 0 | 43:11.0 | 7/12/21 |
| VH1103 | 2D2 | T2_map TE = 15 | 00:12.0 | 7/12/21 |
| VH1103 | 2D2 | T2_map TE = 75 | 47:08.0 | 7/12/21 |
| VH1103 | 2D2 | T2_map TE = 45 | 53:31.0 | 7/12/21 |
| VH1103 | 2D2 | ADC_map b = 1000 | 34:22.0 | 7/12/21 |
| VH1103 | 2D2 | ADC_map b = 500 | 39:23.0 | 7/12/21 |
| KW9123 | 2D2 | ADC_map b = 500 | 37:51.0 | 7/12/21 |
| KW9123 | 2D2 | T2_map TE = 15 | 01:43.0 | 7/12/21 |
| KW9123 | 2D2 | T2_map TE = 75 | 48:59.0 | 7/12/21 |
| KW9123 | 2D2 | ADC_map b = 0 | 41:39.0 | 7/12/21 |
| KW9123 | 2D2 | T2_map TE = 45 | 55:22.0 | 7/12/21 |
| KW9123 | 2D2 | ADC_map b = 1000 | 45:19.0 | 7/12/21 |
| | QC2963 QC2963 VH1103 VH1103 VH1103 VH1103 VH1103 KW9123 KW9123 KW9123 KW9123 KW9123 | QC2963 2D2 QC2963 2D2 VH1103 2D2 VH1103 2D2 VH1103 2D2 VH1103 2D2 VH1103 2D2 KW9123 2D2 | QC2963 | QC2963 |

| JHU | KX0659 | 2D2 | Aged- 15months | 10:34.0 | 7/12/21 |
|---------|--------|-----|-------------------|---------|---------|
| | | | KX0659-D2- | | |
| | | | Aged- | | |
| JHU | KX0659 | 2D2 | 15months | 21:56.0 | 7/12/21 |
| | | | KX0659-D2- | | |
| | | | Aged- | | |
| JHU | KX0659 | 2D2 | 15months | 31:58.0 | 7/12/21 |
| | | | Cage#438146- | | |
| Augusta | AM3287 | 2D2 | Yellow Tag | 02:29.0 | 7/12/21 |
| | | | Cage#438146- | | |
| Augusta | AM3287 | 2D2 | Yellow Tag | 54:57.0 | 7/12/21 |
| | | | Cage#438146- | | |
| Augusta | VH5300 | 2D2 | Yellow Tag | 56:40.0 | 7/12/21 |
| | | | Cage#438146- | | |
| Augusta | VH5300 | 2D2 | Yellow Tag | 49:45.0 | 7/12/21 |
| | | | Cage#438146- | | |
| Augusta | KW8752 | 2D2 | Orange Tag | 19:20.0 | 7/12/21 |
| | | | Cage#438146- | | |
| Augusta | KW8752 | 2D2 | Orange Tag | 11:57.0 | 7/12/21 |
| | | | Cage#438146- 2 | | |
| Augusta | FR8345 | 2D2 | White Tag | 11:05.0 | 7/12/21 |
| | | | Cage#438146- 2 | | |
| Augusta | FR8345 | 2D2 | White Tag | 04:11.0 | 7/12/21 |
| | | | Cage#433635- | | |
| Augusta | FR8349 | 2D2 | White Tag | 57:58.0 | 7/12/21 |
| | | | Cage#433635- | | |

| Augusta | FR8349 | 2D2 | 1 White Tag | 50:41.0 | 7/12/21 |
|---------|--------|-----|----------------|---------|---------|
| | | | Cage#433618- | | |
| Augusta | QC1685 | 2D2 | Blue Tag | 43:10.0 | 7/12/21 |
| | | | Cage#433618- | | |
| Augusta | QC1685 | 2D2 | Blue Tag | 27:44.0 | 7/12/21 |
| | | | Cage#438080- | | |
| Augusta | KW8755 | 2D2 | Orange Tag | 02:59.0 | 7/12/21 |
| | | | Cage#438080- | | |
| Augusta | KW8755 | 2D2 | Orange Tag | 55:31.0 | 7/12/21 |
| | | | Cage#433635- | | |
| Augusta | KW8754 | 2D2 | Orange Tag | 38:40.0 | 7/12/21 |
| | | | Cage#433635- | | |
| Augusta | KW8754 | 2D2 | Orange Tag | 31:46.0 | 7/12/21 |
| MGH | VH2192 | 2D2 | MRI scan | 04:13.0 | 7/8/21 |
| MGH | VH2192 | 2D2 | MRI scan | 10:32.0 | 7/8/21 |
| MGH | QC3161 | 2D2 | MRI scan | 36:35.0 | 7/8/21 |
| MGH | QC3161 | 2D2 | MRI scan | 30:15.0 | 7/8/21 |
| MGH | KX0212 | 2D2 | MRI scan | 02:11.0 | 7/8/21 |
| MGH | KX0212 | 2D2 | MRI scan | 55:52.0 | 7/8/21 |
| MGH | QC3160 | 2D2 | MRI scan | 34:35.0 | 7/8/21 |
| MGH | QC3160 | 2D2 | MRI scan | 28:16.0 | 7/8/21 |
| MGH | VH2191 | 2D2 | MRI scan | 38:28.0 | 7/8/21 |
| MGH | VH2191 | 2D2 | MRI scan | 31:46.0 | 7/8/21 |
| MGH | AM4772 | 2D2 | MRI scan | 54:31.0 | 7/8/21 |
| MGH | AM4772 | 2D2 | MRI scan | 01:13.0 | 7/8/21 |
| MGH | KX0211 | 2D2 | MRI scan | 16:51.0 | 7/8/21 |
| MGH | KX0211 | 2D2 | MRI scan | 23:33.0 | 7/8/21 |

| UTH | KX0150D2OB | 2D2 | MRI scan | 49:50.0 | 7/7/21 |
|-------|------------|------|-----------------------|---------|--------|
| UTH | KX0150D2OB | 2D2 | MRI scan | 00:26.0 | 7/7/21 |
| UTH | KX0151D2OB | 2D2 | MRI scan | 17:58.0 | 7/7/21 |
| UTH | KX0151D2OB | 2D2 | MRI scan | 33:59.0 | 7/7/21 |
| UTH | QC3080D2OB | 2D2 | MRI scan | 15:44.0 | 7/7/21 |
| UTH | QC3080D2OB | 2D2 | MRI scan | 25:55.0 | 7/7/21 |
| UTH | AM4691D2OB | 2D2 | MRI scan | 49:04.0 | 7/6/21 |
| UTH | AM4691D2OB | 2D2 | MRI scan | 41:50.0 | 7/6/21 |
| UTH | AM4691D2OB | 2D2 | MRI scan | 59:18.0 | 7/6/21 |
| UTH | FR5221D2OB | 2D2 | MRI scan | 47:13.0 | 7/6/21 |
| UTH | FR5221D2OB | 2D2 | MRI scan | 40:09.0 | 7/6/21 |
| UTH | FR5221D2OB | 2D2 | MRI scan | 57:31.0 | 7/6/21 |
| UTH | PS0000D2OB | 2PD2 | MRI scan | 59:19.0 | 7/2/21 |
| UTH | PS0000D2OB | 2PD2 | MRI scan | 52:13.0 | 7/2/21 |
| UTH | PS0000D2OB | 2PD2 | MRI scan | 09:28.0 | 7/2/21 |
| UTH | PS0001D2OB | 2PD2 | MRI scan | 21:47.0 | 7/2/21 |
| UTH | PS0001D2OB | 2PD2 | MRI scan | 13:19.0 | 7/2/21 |
| UTH | PS0001D2OB | 2PD2 | MRI scan | 32:11.0 | 7/2/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 75 F21 | 31:05.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 75 | 39:30.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 1000 | 10:59.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 500 F21 | 23:01.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 0 F21 | 26:58.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 1000 F21 | 18:46.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 45 F21 | 37:29.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | RARE_anatomy F21 | 50:12.0 | 7/1/21 |

| UIOWA | IB0001 | 2PD2 | RARE_anatomy | 30:46.0 | 7/1/21 |
|-------|--------|------|----------------------|---------|--------|
| UIOWA | IB0001 | 2PD2 | T2_map TE = 15 F21 | 43:50.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 15 | 52:50.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 0 | 07:13.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 45 | 46:30.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 500 | 14:58.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 75 F21 | 56:22.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 15 | 24:45.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 1000 F21 | 44:25.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 45 | 18:27.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 45 F21 | 02:40.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 500 F21 | 48:31.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 75 | 12:05.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | RARE_anatomy F21 | 15:38.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | RARE_anatomy | 04:39.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 500 | 36:31.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 1000 | 32:05.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 0 F21 | 52:35.0 | 7/1/21 |
| | | | ADC_map b = | | |

| UIOWA | IB0002 | 2PD2 | 0 | 40:26.0 | 7/1/21 |
|-------|--------|------|---------------------|---------|---------|
| UIOWA | IB0002 | 2PD2 | T2_map TE = 15 F21 | 09:16.0 | 7/1/21 |
| UIOWA | IB0003 | 2D2 | T2_map TE = 75 | 58:41.0 | 6/30/21 |
| UIOWA | IB0003 | 2D2 | T2_map TE = 75 F21 | 46:38.0 | 6/30/21 |
| UIOWA | IB0003 | 2D2 | ADC_map b = 500 F21 | 38:55.0 | 6/30/21 |

From: Karisma A Nagarkatti |

To: Ryan.Cabeen@loni.usc.edu

Monday, Jul 19, 9:33

nagarkat@usc.edu

Ryan.Cabeen@loni.usc.edu

AM

Hi ryan,

We should definitely have more cases in IDA. Each site was responsible for 24 mice or Rats in the 1st block which is ending this week. We had some mortality in the aged mice and SHR. Let me check this out and get back to you.

Thanks, Karisma

From: Ryan Cabeen |

To: Karisma A Nagarkatti

Saturday, Jul 17, 11:16

Ryan.Cabeen@loni.usc.edu

nagarkat@usc.edu

PM

Hi Karisma,

Glad to help — just following up on this, I only see one case on the IDA for stage 2, subject KX0658. Is that right?

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

Keck School of Medicine of USC

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From: Karisma A Nagarkatti I nagarkat@usc.edu

Friday, Jul 16, 3:27 PM

Hi Ryan,

Thanks so much, we appreciate all you have taken on for this project. Please let us know if you need anything from us and we will get it to you as soon as possible,

Thanks again,

Karisma

From: Ryan Cabeen |

To: Karisma A Nagarkatti |

Friday, Jul 16, 3:12

Ryan.Cabeen@loni.usc.edu

nagarkat@usc.edu

PM

Hi Karisma,

Sure thing, I'll work on that. We can definitely have the mouse results soon, and I'll try to get the rat pipeline up and running in time for that meeting.

Cheers,

Ryan

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

Keck School of Medicine of USC

University of Southern California

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Los Angeles, CA 90033

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From: Karisma A Nagarkatti I nagarkat@usc.edu

Friday, Jul 16, 8:31 AM

Hi Ryan,

I hope you are doing well. I wanted to just give you a heads up that I will be asking if you have any MRI data from the pipeline for Stage 2 MRI images so that stats can run the control charts. Our hope is to show these control charts before the 7/28 Steering Meeting.

| Please let me know if you need anything from me. Thank you for your help with this! |
|-------------------------------------------------------------------------------------------------------|
| Please let me know if you need anything from me. Thank you for your help with this! Thanks, Karisma |

From: Ryan Cabeen | ryan.cabeen@loni.usc.edu

Monday, Jul 19, 1:36 PM

To: Karisma A Nagarkatti I nagarkat@usc.edu

Hi Karisma,

Thanks, so I just tried again and was able to find this list, but only if I leave the species tags unchecked. So there might be some missing Mouse/Rat tags in those uploads, maybe something to mention when you write to Karen.

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

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From: Karisma A Nagarkatti I nagarkat@usc.edu

Monday, Jul 19, 1:32 PM

Hi Ryan,

When I look up MRI listings, I have this list below. I have asked Karen to create a list of just Stage 2 MRI's. I will ask her what the issue could be and why you are unable to find them on your end.

Thanks,

Karisma

| SITE | ANIMALID | VISIT | SEQUENCE | SCANDATE | UPLOADDT |
|------|----------|-------|----------|----------|----------|
| MGH | QC3165 | 2D2 | MRI scan | 02:02.0 | 7/16/21 |
| MGH | QC3165 | 2D2 | MRI scan | 08:44.0 | 7/16/21 |
| MGH | AM4774 | 2D2 | MRI scan | 25:35.0 | 7/16/21 |

| MGH | AM4774 | 2D2 | MRI scan | 32:17.0 | 7/16/21 |
|------|------------------|-----|------------|---------|-----------|
| MGH | KX0215 | 2D2 | MRI scan | 47:06.0 | 7/16/21 |
| MGH | KX0215 | 2D2 | MRI scan | 53:49.0 | 7/16/21 |
| MGH | VH2195 | 2D2 | MRI scan | 08:27.0 | 7/16/21 |
| MGH | VH2195 | 2D2 | MRI scan | 15:09.0 | 7/16/21 |
| MGH | AM4773 | 2D2 | MRI scan | 34:48.0 | 7/16/21 |
| MGH | AM4773 | 2D2 | MRI scan | 41:30.0 | 7/16/21 |
| MGH | QC3164 | 2D2 | MRI scan | 59:15.0 | 7/16/21 |
| MGH | QC3164 | 2D2 | MRI scan | 05:57.0 | 7/16/21 |
| MGH | VH2196 | 2D2 | MRI scan | 21:36.0 | 7/16/21 |
| MGH | VH2196 | 2D2 | MRI scan | 28:18.0 | 7/16/21 |
| MGH | KX0216 | 2D2 | MRI scan | 47:31.0 | 7/16/21 |
| MGH | KX0216 | 2D2 | MRI scan | 54:13.0 | 7/16/21 |
| UTH | AM4846D2OB | 2D2 | MRI scan | 09:02.0 | 7/16/21 |
| UTH | AM4846D2OB | 2D2 | MRI scan | 19:24.0 | 7/16/21 |
| UTH | KX0297D2OB | 2D2 | MRI scan | 36:01.0 | 7/16/21 |
| UTH | KX0297D2OB | 2D2 | MRI scan | 46:23.0 | 7/16/21 |
| Yale | FR4869 | 2D2 | MRI scan | 25:43.0 | 7/15/21 |
| Yale | FR4869 | 2D2 | MRI scan | 33:12.0 | 7/15/21 |
| Yale | AM5305 | 2D2 | MRI scan | 44:51.0 | 7/15/21 |
| Yale | AM5305 | 2D2 | MRI scan | 52:19.0 | 7/15/21 |
| Yale | QC3692 | 2D2 | MRI scan | 19:51.0 | 7/15/21 |
| Yale | QC3692 | 2D2 | MRI scan | 35:15.0 | 7/15/21 |
| Yale | KX0621 | 2D2 | MRI scan | 02:48.0 | 7/15/21 |
| Yale | KX0621 | 2D2 | MRI scan | 10:17.0 | 7/15/21 |
| | | | VH2732-D2- | | |
| | | | Aged- | | |
| JHU | VH2732 | 2D2 | 15months | 00:30.0 | 7/15/21 |
| | | | VH2732-D2- | | |
| | | | Aged- | | |
| JHU | VH2732 | 2D2 | 15months | 50:28.0 | 7/15/21 |
| | | | VH2732-D2- | | |
| ши | \/ L 0720 | aDa | Aged- | 20.20 0 | 7/4 5 /04 |
| JHU | VH2732 | 2D2 | 15months | 39:32.0 | 7/15/21 |

| | | | KX0640-D2- Aged- | | |
|---------|-----------|-----|---------------------|---------|------------|
| JHU | KX0640 | 2D2 | 15months | 34:48.0 | 7/15/21 |
| | | | KX0640-D2- | | |
| | | | Aged- | | |
| JHU | KX0640 | 2D2 | 15months | 21:01.0 | 7/15/21 |
| | | | KX0640-D2- | | |
| | | | Aged- | | |
| JHU | KX0640 | 2D2 | 15months | 10:04.0 | 7/15/21 |
| | | | QC3700-D2- | | |
| | 000700 | 000 | Aged- | 07.40.0 | 7/45/04 |
| JHU | QC3700 | 2D2 | 15months | 07:48.0 | 7/15/21 |
| | | | QC3700-D2- Aged- | | |
| JHU | QC3700 | 2D2 | 15months | 57:45.0 | 7/15/21 |
| 0110 | 430700 | | QC3700-D2- | 07.10.0 | 7710721 |
| | | | Aged- | | |
| JHU | QC3700 | 2D2 | 15months | 47:05.0 | 7/15/21 |
| Yale | FR4870 | 2D2 | MRI scan | 38:08.0 | 7/15/21 |
| Yale | FR4870 | 2D2 | MRI scan | 54:15.0 | 7/15/21 |
| Yale | AM5306 | 2D2 | MRI scan | 27:12.0 | 7/15/21 |
| Yale | AM5306 | 2D2 | MRI scan | 34:42.0 | 7/15/21 |
| Yale | QC3689 | 2D2 | MRI scan | 02:05.0 | 7/15/21 |
| Yale | QC3689 | 2D2 | MRI scan | 09:34.0 | 7/15/21 |
| Yale | VH2715 | 2D2 | MRI scan | 36:36.0 | 7/15/21 |
| Yale | VH2715 | 2D2 | MRI scan | 44:04.0 | 7/15/21 |
| Yale | FR4873 | 2D2 | MRI scan | 12:47.0 | 7/15/21 |
| Yale | FR4873 | 2D2 | MRI scan | 20:47.0 | 7/15/21 |
| | | | Cage#433634- | | |
| | | | 3 | | |
| Augusta | AM3288 | 2D2 | Yellow Tag | 22:18.0 | 7/15/21 |
| | | | Cage#433634- | | |
| Δ | A N 40000 | 000 | 3 | 45.00.0 | 7/4 5 /0 / |
| Augusta | AM3288 | 2D2 | Yellow Tag | 15:03.0 | 7/15/21 |
| | | | Cage#433620- | | |

| Augusta | FR8346 | 2D2 | 1 White Tag | 11:38.0 | 7/15/21 |
|---------|---------|-----|---------------------------------|---------|-----------|
| | | | Cage#433620- | | |
| Augusta | FR8346 | 2D2 | White Tag | 07:02.0 | 7/15/21 |
| | | | Cage#433634- 2 | | |
| Augusta | FR4347 | 2D2 | White Tag | 45:17.0 | 7/15/21 |
| | | | Cage#433634- 2 | | |
| Augusta | FR4347 | 2D2 | White Tag | 31:54.0 | 7/15/21 |
| Δυσμετα | VH5305 | 2D2 | Cage#433634- 1 Green Tag | 06:40.0 | 7/15/21 |
| Augusta | V113303 | 202 | Cage#433634- | 00.40.0 | 7/13/21 |
| Augusts | VHEQOE | 2D2 | 1 | 59:18.0 | 7/15/21 |
| Augusta | VH5305 | 202 | Green Tag Qc3719-D2- | 39.16.0 | 7/13/21 |
| JHU | QC3719 | 2D2 | Aged- | 55:27.0 | 7/14/21 |
| 0110 | Q00710 | LUL | Qc3719-D2- Aged- | 00.27.0 | 7717721 |
| JHU | QC3719 | 2D2 | 15months | 34:27.0 | 7/14/21 |
| JHU | QC3719 | 2D2 | Qc3719-D2- Aged- 15months | 45:24.0 | 7/14/21 |
| JHU | VH2730 | 2D2 | VH2730-D2- Aged- 15months | 20:14.0 | 7/14/21 |
| JHU | VH2730 | 2D2 | VH2730-D2- Aged- 15months | 40:43.0 | 7/14/21 |
| | 7.12700 | | VH2730-D2- | 10.10.0 | ,,, T/L I |
| | VH2730 | 2D2 | Aged- | 30:39.0 | 7/14/21 |
| JHU | | ZU2 | 101110111115 | JU.33.U | 1/14/21 |

| JHU | KX0658 | 2D2 | Aged- 15months | 54:11.0 | 7/14/21 |
|---------|---------|-----|---------------------------------|---------|---------|
| | | | KX0658-D2- Aged- | | |
| JHU | KX0658 | 2D2 | 15months | 05:09.0 | 7/14/21 |
| JHU | KX0658 | 2D2 | KX0658-D2- Aged- 15months | 15:13.0 | 7/14/21 |
| Yale | KW9450 | 2D2 | MRI scan | 13:24.0 | 7/14/21 |
| Yale | KW9450 | 2D2 | MRI scan | 28:44.0 | 7/14/21 |
| Yale | FR8149 | 2D2 | MRI scan | 42:30.0 | 7/14/21 |
| Yale | FR8149 | 2D2 | MRI scan | 50:30.0 | 7/14/21 |
| Yale | QC2430 | 2D2 | MRI scan | 18:29.0 | 7/14/21 |
| Yale | QC2430 | 2D2 | MRI scan | 34:06.0 | 7/14/21 |
| Yale | AM5303 | 2D2 | MRI scan | 00:48.0 | 7/14/21 |
| Yale | AM5303 | 2D2 | MRI scan | 08:16.0 | 7/14/21 |
| Yale | VH22717 | 2D2 | MRI scan | 35:03.0 | 7/14/21 |
| Yale | VH22717 | 2D2 | MRI scan | 42:30.0 | 7/14/21 |
| Yale | QC2429 | 2D2 | MRI scan | 10:26.0 | 7/14/21 |
| Yale | QC2429 | 2D2 | MRI scan | 17:55.0 | 7/14/21 |
| Augusta | KW8754 | 2D2 | Cage#433619- 2 OrangeTag | 35:40.0 | 7/14/21 |
| | | | Cage#433619- | | .,,,,,_ |
| | KW8754 | 2D2 | OrangeTag | 28:21.0 | 7/14/21 |
| Yale | KX0639 | 2D2 | MRI scan | 44:47.0 | 7/14/21 |
| Yale | KX0639 | 2D2 | MRI scan | 00:27.0 | 7/14/21 |
| Augusta | KW8759 | 2D2 | Cage#419683- 2 Orange Tag | 19:33.0 | 7/14/21 |
| | | | Cage#419683- 2 | | |
| Augusta | KW8759 | 2D2 | Orange Tag | 12:43.0 | 7/14/21 |
| | | | Cage#419683- | | |

| Augusta | QC1687 | 2D2 | 1 Blue Tag | 45:23.0 | 7/14/21 |
|---------|--------|-----|--------------------------------|---------|----------|
| | | | Cage#419683- | | |
| Augusta | QC1687 | 2D2 | Blue Tag | 38:26.0 | 7/14/21 |
| | | | Cage#433619- | | |
| Augusta | QC1688 | 2D2 | Blue Tag | 02:13.0 | 7/14/21 |
| Augusta | QC1688 | 2D2 | Cage#433619- 1 Blue Tag | 54:50.0 | 7/14/21 |
| A | VIII. | 000 | Cage#433619- | 07.07.0 | 7/4 4/04 |
| Augusta | VH5301 | 2D2 | Green Tag | 07:37.0 | 7/14/21 |
| Augusta | VH5301 | 2D2 | Cage#433619- 3 Green Tag | 00:25.0 | 7/14/21 |
| UIOWA | QC2962 | 2D2 | ADC_map b = 500 | 23:17.0 | 7/12/21 |
| UIOWA | QC2962 | 2D2 | T2_map TE = 75 | 58:13.0 | 7/12/21 |
| UIOWA | QC2962 | 2D2 | ADC_map b = 1000 | 19:16.0 | 7/12/21 |
| UIOWA | QC2962 | 2D2 | ADC_map b = 0 | 27:09.0 | 7/12/21 |
| UIOWA | QC2962 | 2D2 | T2_map TE = 15 | 12:22.0 | 7/12/21 |
| UIOWA | QC2962 | 2D2 | T2_map TE = 45 | 06:01.0 | 7/12/21 |
| UIOWA | VH1102 | 2D2 | ADC_map b = 500 | 57:22.0 | 7/12/21 |
| UIOWA | VH1102 | 2D2 | T2_map TE = 45 | 11:07.0 | 7/12/21 |
| UIOWA | VH1102 | 2D2 | T2_map TE = 15 | 17:28.0 | 7/12/21 |

| UIOWA | VH1102 | 2D2 | ADC_map b = 0 | 01:07.0 | 7/12/21 |
|-------|--------|-----|------------------|---------|---------|
| UIOWA | VH1102 | 2D2 | T2_map TE = 75 | 31:20.0 | 7/12/21 |
| UIOWA | VH1102 | 2D2 | ADC_map b = 1000 | 51:44.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | ADC_map b = 1000 | 49:00.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | ADC_map b = 500 | 54:31.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | ADC_map b = 0 | 58:17.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | T2_map TE = 45 | 08:24.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | T2_map TE = 15 | 14:47.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | T2_map TE = 75 | 01:58.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | T2_map TE = 45 | 18:39.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | ADC_map b = 1000 | 52:49.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | ADC_map b = 0 | 02:12.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | T2_map TE = 15 | 12:13.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | ADC_map b = 500 | 58:11.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | T2_map TE = 75 | 05:52.0 | 7/12/21 |
| UIOWA | QC2963 | 2D2 | T2_map TE = 15 | 11:47.0 | 7/12/21 |
| UIOWA | QC2963 | 2D2 | T2_map TE = 75 | 58:00.0 | 7/12/21 |
| | | | T2_map TE = | | |

| UIOWA | QC2963 | 2D2 | 45 | 05:03.0 | 7/12/21 |
|-------|--------|-----|---------------------------------|---------|---------|
| UIOWA | QC2963 | 2D2 | ADC_map b = 1000 | 45:29.0 | 7/12/21 |
| UIOWA | QC2963 | 2D2 | ADC_map b = 500 | 50:33.0 | 7/12/21 |
| UIOWA | QC2963 | 2D2 | ADC_map b = 0 | 54:21.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | ADC_map b = 0 | 43:11.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | T2_map TE = 15 | 00:12.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | T2_map TE = 75 | 47:08.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | T2_map TE = 45 | 53:31.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | ADC_map b = 1000 | 34:22.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | ADC_map b = 500 | 39:23.0 | 7/12/21 |
| UIOWA | KW9123 | 2D2 | ADC_map b = 500 | 37:51.0 | 7/12/21 |
| UIOWA | KW9123 | 2D2 | T2_map TE = 15 | 01:43.0 | 7/12/21 |
| UIOWA | KW9123 | 2D2 | T2_map TE = 75 | 48:59.0 | 7/12/21 |
| UIOWA | KW9123 | 2D2 | ADC_map b = 0 | 41:39.0 | 7/12/21 |
| UIOWA | KW9123 | 2D2 | T2_map TE = 45 | 55:22.0 | 7/12/21 |
| UIOWA | KW9123 | 2D2 | ADC_map b = 1000 | 45:19.0 | 7/12/21 |
| JHU | KX0659 | 2D2 | KX0659-D2- Aged- 15months | 10:34.0 | 7/12/21 |
| | | | KX0659-D2- | | |

| JHU | KX0659 | 2D2 | Aged- 15months | 21:56.0 | 7/12/2 |
|---------|--------|-----|---------------------------------|---------|--------|
| | | | KX0659-D2- Aged- | | |
| JHU | KX0659 | 2D2 | 15months | 31:58.0 | 7/12/2 |
| | | | Cage#438146- 2 Yellow Tag | | |
| Augusta | AM3287 | 2D2 | Tellow rag | 02:29.0 | 7/12/2 |
| | | | Cage#438146- 2 | | |
| Augusta | AM3287 | 2D2 | Yellow Tag | 54:57.0 | 7/12/2 |
| | | | Cage#438146- | | |
| Augusta | VH5300 | 2D2 | Yellow Tag | 56:40.0 | 7/12/2 |
| | | | Cage#438146- | | |
| Augusta | VH5300 | 2D2 | Yellow Tag | 49:45.0 | 7/12/2 |
| | | | Cage#438146- | | |
| Augusta | KW8752 | 2D2 | Orange Tag | 19:20.0 | 7/12/2 |
| | | | Cage#438146- | | |
| Augusta | KW8752 | 2D2 | Orange Tag | 11:57.0 | 7/12/2 |
| | | | Cage#438146- 2 | | |
| Augusta | FR8345 | 2D2 | White Tag | 11:05.0 | 7/12/2 |
| | | | Cage#438146- 2 | | |
| Augusta | FR8345 | 2D2 | White Tag | 04:11.0 | 7/12/2 |
| | | | Cage#433635- | | |
| Augusta | FR8349 | 2D2 | White Tag | 57:58.0 | 7/12/2 |
| | | | Cage#433635- | | |
| Augusta | FR8349 | 2D2 | White Tag | 50:41.0 | 7/12/2 |

| | | | Cage#433618- | | |
|---------|------------|-----|-------------------|---------|---------|
| Augusta | QC1685 | 2D2 | 1 | 43:10.0 | 7/12/21 |
| | | | Blue Tag | | |
| | | | Cage#433618- | | |
| | | | 1 | | |
| Augusta | QC1685 | 2D2 | Blue Tag | 27:44.0 | 7/12/21 |
| | | | Cage#438080- | | |
| | | | 1 Over 22 Te 2 | | |
| Augusta | KW8755 | 2D2 | Orange Tag | 02:59.0 | 7/12/21 |
| | | | Cage#438080- | | |
| | | | 1 - | | |
| Augusta | KW8755 | 2D2 | Orange Tag | 55:31.0 | 7/12/21 |
| | | | Cage#433635- | | |
| Augusta | KW8754 | 2D2 | 2 Orange Tag | 38:40.0 | 7/12/21 |
| Augusia | 100754 | 202 | Cage#433635- | 36.40.0 | 7/12/21 |
| | | | 2 | | |
| Augusta | KW8754 | 2D2 | - Orange Tag | 31:46.0 | 7/12/21 |
| MGH | VH2192 | 2D2 | MRI scan | 04:13.0 | 7/8/21 |
| MGH | VH2192 | 2D2 | MRI scan | 10:32.0 | 7/8/21 |
| MGH | QC3161 | 2D2 | MRI scan | 36:35.0 | 7/8/21 |
| MGH | QC3161 | 2D2 | MRI scan | 30:15.0 | 7/8/21 |
| MGH | KX0212 | 2D2 | MRI scan | 02:11.0 | 7/8/21 |
| MGH | KX0212 | 2D2 | MRI scan | 55:52.0 | 7/8/21 |
| MGH | QC3160 | 2D2 | MRI scan | 34:35.0 | 7/8/21 |
| MGH | QC3160 | 2D2 | MRI scan | 28:16.0 | 7/8/21 |
| MGH | VH2191 | 2D2 | MRI scan | 38:28.0 | 7/8/21 |
| MGH | VH2191 | 2D2 | MRI scan | 31:46.0 | 7/8/21 |
| MGH | AM4772 | 2D2 | MRI scan | 54:31.0 | 7/8/21 |
| MGH | AM4772 | 2D2 | MRI scan | 01:13.0 | 7/8/21 |
| MGH | KX0211 | 2D2 | MRI scan | 16:51.0 | 7/8/21 |
| MGH | KX0211 | 2D2 | MRI scan | 23:33.0 | 7/8/21 |
| UTH | KX0150D2OB | 2D2 | MRI scan | 49:50.0 | 7/7/21 |
| UTH | KX0150D2OB | 2D2 | MRI scan | 00:26.0 | 7/7/21 |
| UTH | KX0151D2OB | 2D2 | MRI scan | 17:58.0 | 7/7/21 |

| UTH | KX0151D2OB | 2D2 | MRI scan | 33:59.0 | 7/7/21 |
|-------|------------|------|----------------------|---------|--------|
| UTH | QC3080D2OB | 2D2 | MRI scan | 15:44.0 | 7/7/21 |
| UTH | QC3080D2OB | 2D2 | MRI scan | 25:55.0 | 7/7/21 |
| UTH | AM4691D2OB | 2D2 | MRI scan | 49:04.0 | 7/6/21 |
| UTH | AM4691D2OB | 2D2 | MRI scan | 41:50.0 | 7/6/21 |
| UTH | AM4691D2OB | 2D2 | MRI scan | 59:18.0 | 7/6/21 |
| UTH | FR5221D2OB | 2D2 | MRI scan | 47:13.0 | 7/6/21 |
| UTH | FR5221D2OB | 2D2 | MRI scan | 40:09.0 | 7/6/21 |
| UTH | FR5221D2OB | 2D2 | MRI scan | 57:31.0 | 7/6/21 |
| UTH | PS0000D2OB | 2PD2 | MRI scan | 59:19.0 | 7/2/21 |
| UTH | PS0000D2OB | 2PD2 | MRI scan | 52:13.0 | 7/2/21 |
| UTH | PS0000D2OB | 2PD2 | MRI scan | 09:28.0 | 7/2/21 |
| UTH | PS0001D2OB | 2PD2 | MRI scan | 21:47.0 | 7/2/21 |
| UTH | PS0001D2OB | 2PD2 | MRI scan | 13:19.0 | 7/2/21 |
| UTH | PS0001D2OB | 2PD2 | MRI scan | 32:11.0 | 7/2/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 75 F21 | 31:05.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 75 | 39:30.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 1000 | 10:59.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 500 F21 | 23:01.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 0 F21 | 26:58.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 1000 F21 | 18:46.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 45 F21 | 37:29.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | RARE_anatomy F21 | 50:12.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | RARE_anatomy | 30:46.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = | 43:50.0 | 7/1/21 |

| UIOWA | IB0001 | 2PD2 | T2_map TE = 15 | 52:50.0 | 7/1/21 |
|-------|--------|------|----------------------|---------|--------|
| | | | ADC_map b = | | |
| UIOWA | IB0001 | 2PD2 | 0 | 07:13.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 45 | 46:30.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 500 | 14:58.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 75 F21 | 56:22.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 15 | 24:45.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 1000 F21 | 44:25.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 45 | 18:27.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 45 F21 | 02:40.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 500 F21 | 48:31.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 75 | 12:05.0 | 7/1/21 |
| | | | RARE_anatomy | | |
| UIOWA | IB0002 | 2PD2 | F21 | 15:38.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | RARE_anatomy | 04:39.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 500 | 36:31.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 1000 | 32:05.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 0 F21 | 52:35.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 0 | 40:26.0 | 7/1/21 |
| UIOWA | | 2PD2 | T2_map TE = | 09:16.0 | 7/1/21 |

| UIOWA | IB0003 | 2D2 | T2_map TE = 75 | 58:41.0 | 6/30/21 |
|-------|--------|-----|---------------------|---------|---------|
| UIOWA | IB0003 | 2D2 | T2_map TE = 75 F21 | 46:38.0 | 6/30/21 |
| UIOWA | IB0003 | 2D2 | ADC_map b = 500 F21 | 38:55.0 | 6/30/21 |

From: Karisma A Nagarkatti | To: Ryan.Cabeen@loni.usc.edu | Monday, Jul 19, 9:33

nagarkat@usc.edu Ryan.Cabeen@loni.usc.edu

AM

Hi ryan,

We should definitely have more cases in IDA. Each site was responsible for 24 mice or Rats in the 1st block which is ending this week. We had some mortality in the aged mice and SHR. Let me check this out and get back to you.

Thanks,

Karisma

From: Ryan Cabeen | To: Karisma A Nagarkatti | Saturday, Jul 17, 11:16

Ryan.Cabeen@loni.usc.edu nagarkat@usc.edu PM

Hi Karisma,

Glad to help — just following up on this, I only see one case on the IDA for stage 2, subject KX0658. Is that right?

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

Keck School of Medicine of USC

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Los Angeles, CA 90033

Tel: (323) 44-BRAIN

Email: rcabeen@loni.usc.edu

Web: <u>cabeen.io</u> www.ini.usc.edu

From: Karisma A Nagarkatti I nagarkat@usc.edu Friday, Jul 16, 3:27 PM

Hi Ryan,

Thanks so much, we appreciate all you have taken on for this project. Please let us know if you need anything from us and we will get it to you as soon as possible,

Thanks again,

Karisma

From: Ryan Cabeen |

To: Karisma A Nagarkatti |

Friday, Jul 16, 3:12

Ryan.Cabeen@loni.usc.edu

nagarkat@usc.edu

Hi Karisma,

Sure thing, I'll work on that. We can definitely have the mouse results soon, and I'll try to get the rat pipeline up and running in time for that meeting.

Cheers,

Ryan

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

Keck School of Medicine of USC

University of Southern California

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Los Angeles, CA 90033

Tel: (323) 44-BRAIN

Email: rcabeen@loni.usc.edu

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From: Karisma A Nagarkatti I nagarkat@usc.edu

Friday, Jul 16, 8:31 AM

Hi Ryan,

I hope you are doing well. I wanted to just give you a heads up that I will be asking if you have any MRI data from the pipeline for Stage 2 MRI images so that stats can run the control charts. Our hope is to show these control charts before the 7/28 Steering Meeting. Please let me know if you need anything from me. Thank you for your help with this!

Thanks,

Karisma

From: Karisma A Nagarkatti I nagarkat@usc.edu Monday, Jul 19, 4:16 PM

To: Ryan Cabeen | Ryan.Cabeen@loni.usc.edu

Hi Ryan,

Thanks for letting me know. I think Karen made this Mouse/Rat designation available to sites in the past two weeks so there are probably a few scans missing this designation. Let me check with her to see if this can be fixed.

Thanks for your help Ryan, Karisma

From: Ryan Cabeen | Ryan.Cabeen@loni.usc.edu To: Karisma A Nagarkatti | nagarkat@usc.edu Monday, Jul 19, 1:36 PM

Hi Karisma,

Thanks, so I just tried again and was able to find this list, but only if I leave the species tags unchecked. So there might be some missing Mouse/Rat tags in those uploads, maybe something to mention when you write to Karen.

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

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From: Karisma A Nagarkatti I nagarkat@usc.edu

Monday, Jul 19, 1:32 PM

Hi Ryan,

When I look up MRI listings, I have this list below. I have asked Karen to create a list of just Stage 2 MRI's. I will ask her what the issue could be and why you are unable to find them on your end.

| SITE | ANIMALID | VISIT | SEQUENCE | SCANDATE | UPLOADDT |
|------|------------|-------|---------------------|----------|----------|
| MGH | QC3165 | 2D2 | MRI scan | 02:02.0 | 7/16/21 |
| MGH | QC3165 | 2D2 | MRI scan | 08:44.0 | 7/16/21 |
| MGH | AM4774 | 2D2 | MRI scan | 25:35.0 | 7/16/21 |
| MGH | AM4774 | 2D2 | MRI scan | 32:17.0 | 7/16/21 |
| MGH | KX0215 | 2D2 | MRI scan | 47:06.0 | 7/16/21 |
| MGH | KX0215 | 2D2 | MRI scan | 53:49.0 | 7/16/21 |
| MGH | VH2195 | 2D2 | MRI scan | 08:27.0 | 7/16/21 |
| MGH | VH2195 | 2D2 | MRI scan | 15:09.0 | 7/16/21 |
| MGH | AM4773 | 2D2 | MRI scan | 34:48.0 | 7/16/21 |
| MGH | AM4773 | 2D2 | MRI scan | 41:30.0 | 7/16/21 |
| MGH | QC3164 | 2D2 | MRI scan | 59:15.0 | 7/16/21 |
| MGH | QC3164 | 2D2 | MRI scan | 05:57.0 | 7/16/21 |
| MGH | VH2196 | 2D2 | MRI scan | 21:36.0 | 7/16/21 |
| MGH | VH2196 | 2D2 | MRI scan | 28:18.0 | 7/16/21 |
| MGH | KX0216 | 2D2 | MRI scan | 47:31.0 | 7/16/21 |
| MGH | KX0216 | 2D2 | MRI scan | 54:13.0 | 7/16/21 |
| UTH | AM4846D2OB | 2D2 | MRI scan | 09:02.0 | 7/16/21 |
| UTH | AM4846D2OB | 2D2 | MRI scan | 19:24.0 | 7/16/21 |
| UTH | KX0297D2OB | 2D2 | MRI scan | 36:01.0 | 7/16/21 |
| UTH | KX0297D2OB | 2D2 | MRI scan | 46:23.0 | 7/16/21 |
| Yale | FR4869 | 2D2 | MRI scan | 25:43.0 | 7/15/21 |
| Yale | FR4869 | 2D2 | MRI scan | 33:12.0 | 7/15/21 |
| Yale | AM5305 | 2D2 | MRI scan | 44:51.0 | 7/15/21 |
| Yale | AM5305 | 2D2 | MRI scan | 52:19.0 | 7/15/21 |
| Yale | QC3692 | 2D2 | MRI scan | 19:51.0 | 7/15/21 |
| Yale | QC3692 | 2D2 | MRI scan | 35:15.0 | 7/15/21 |
| Yale | KX0621 | 2D2 | MRI scan | 02:48.0 | 7/15/21 |
| Yale | KX0621 | 2D2 | MRI scan | 10:17.0 | 7/15/21 |
| | | | VH2732-D2- Aged- | | |

| JHU | VH2732 | 2D2 | 15months | 00:30.0 | 7/15/21 |
|------|---------|-----|---------------------|---------|---------|
| | | | VH2732-D2- | | |
| | | | Aged- | | |
| JHU | VH2732 | 2D2 | 15months | 50:28.0 | 7/15/21 |
| | | | VH2732-D2- | | |
| | | | Aged- | | |
| JHU | VH2732 | 2D2 | 15months | 39:32.0 | 7/15/21 |
| | | | KX0640-D2- | | |
| | KX0640 | 2D2 | Aged- 15months | 24:49.0 | 7/15/01 |
| JHU | KX0640 | 202 | | 34:48.0 | 7/15/21 |
| | | | KX0640-D2- Aged- | | |
| JHU | KX0640 | 2D2 | 15months | 21:01.0 | 7/15/21 |
| | 1010010 | | KX0640-D2- | 2110110 | .,,,,,, |
| | | | Aged- | | |
| JHU | KX0640 | 2D2 | 15months | 10:04.0 | 7/15/21 |
| | | | QC3700-D2- | | |
| | | | Aged- | | |
| JHU | QC3700 | 2D2 | 15months | 07:48.0 | 7/15/21 |
| | | | QC3700-D2- | | |
| | | | Aged- | | |
| JHU | QC3700 | 2D2 | 15months | 57:45.0 | 7/15/21 |
| | | | QC3700-D2- | | |
| | | | Aged- | | |
| JHU | QC3700 | 2D2 | 15months | 47:05.0 | 7/15/21 |
| Yale | FR4870 | 2D2 | MRI scan | 38:08.0 | 7/15/21 |
| Yale | FR4870 | 2D2 | MRI scan | 54:15.0 | 7/15/21 |
| Yale | AM5306 | 2D2 | MRI scan | 27:12.0 | 7/15/21 |
| Yale | AM5306 | 2D2 | MRI scan | 34:42.0 | 7/15/21 |
| Yale | QC3689 | 2D2 | MRI scan | 02:05.0 | 7/15/21 |
| Yale | QC3689 | 2D2 | MRI scan | 09:34.0 | 7/15/21 |
| Yale | VH2715 | 2D2 | MRI scan | 36:36.0 | 7/15/21 |
| Yale | VH2715 | 2D2 | MRI scan | 44:04.0 | 7/15/21 |
| Yale | FR4873 | 2D2 | MRI scan | 12:47.0 | 7/15/21 |
| Yale | FR4873 | 2D2 | MRI scan | 20:47.0 | 7/15/21 |

| AM3288 | 2D2 | 3 Yellow Tag | 22:18.0 | 7/15/21 |
|-----------|----------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A.N.40000 | 000 | Cage#433634- | 45.00.0 | 7/4/5/04 |
| AIVI3288 | 202 | - | 15:03.0 | 7/15/21 |
| - | | 1 | | 7/15/04 |
| FR8346 | 202 | - | 11:38.0 | 7/15/21 |
| | | 1 | | |
| FR8346 | 2D2 | White Tag | 07:02.0 | 7/15/21 |
| | | Cage#433634- 2 | | |
| FR4347 | 2D2 | White Tag | 45:17.0 | 7/15/21 |
| | | Cage#433634- | | |
| FR4347 | 2D2 | White Tag | 31:54.0 | 7/15/21 |
| | | Cage#433634- | | |
| VH5305 | 2D2 | Green Tag | 06:40.0 | 7/15/21 |
| | | Cage#433634- | | |
| VH5305 | 2D2 | Green Tag | 59:18.0 | 7/15/21 |
| | | Qc3719-D2- Aged- | | |
| QC3719 | 2D2 | | 55:27.0 | 7/14/21 |
| 000=10 | | Aged- | | -/ |
| QC3719 | 202 | | 34:27.0 | 7/14/21 |
| | | | | |
| OC3710 | 202 | | 45.24.0 | 7/14/21 |
| QUU/ 18 | حالا | | +5.24.0 | 1/14/21 |
| | | | | |
| VH2730 | 2D2 | 15months | 20:14.0 | 7/14/21 |
| | AM3288 FR8346 FR8347 FR4347 VH5305 VH5305 QC3719 QC3719 VH2730 | AM3288 2D2 FR8346 2D2 FR4347 2D2 VH5305 2D2 VH5305 2D2 QC3719 2D2 QC3719 2D2 | Cage#433634- 3 AM3288 2D2 Yellow Tag Cage#433620- 1 FR8346 2D2 White Tag Cage#433634- 2 FR4347 2D2 White Tag Cage#433634- 2 FR4347 2D2 White Tag Cage#433634- 1 Cage#433634- 1 VH5305 2D2 Green Tag Cage#433634- 1 VH5305 2D2 Green Tag Cage#433634- 1 VH5305 2D2 Green Tag Cage#433634- 1 VH5305 2D2 Green Tag Cage#433634- 1 VH5305 2D2 FR433634- 2 Cage#433634- 2 Cage#433634- 2 Cage#433634- 2 Cage#433634- 2 FR4347 2D2 FR43 | Cage#433634- 3 AM3288 2D2 Yellow Tag 15:03.0 Cage#433620- 1 FR8346 2D2 White Tag 11:38.0 Cage#433620- 1 FR8346 2D2 White Tag 07:02.0 Cage#433634- 2 FR4347 2D2 White Tag 45:17.0 Cage#433634- 2 FR4347 2D2 White Tag 31:54.0 Cage#433634- 1 VH5305 2D2 Green Tag 06:40.0 Cage#433634- 1 VH5305 2D2 Green Tag 59:18.0 Qc3719-D2- Aged- QC3719 2D2 15months 55:27.0 Qc3719-D2- Aged- QC3719 2D2 15months 34:27.0 Qc3719-D2- Aged- QC3719 2D2 15months 34:27.0 Qc3719-D2- Aged- QC3719 2D2 15months 34:27.0 Qc3719-D2- Aged- QC3719 2D2 15months 45:24.0 VH2730-D2- Aged- QC3719 2D2 15months 45:24.0 VH2730-D2- Aged- |

| | | | VH2730-D2- | | |
|---------|---------|-----|-------------------|---------|----------|
| JHU | VH2730 | 2D2 | Aged- 15months | 40:43.0 | 7/14/21 |
| | | | VH2730-D2- | | |
| | | | Aged- | | |
| JHU | VH2730 | 2D2 | 15months | 30:39.0 | 7/14/21 |
| | | | KX0658-D2- | | |
| | | | Aged- | | |
| JHU | KX0658 | 2D2 | 15months | 54:11.0 | 7/14/21 |
| | | | KX0658-D2- | | |
| | | | Aged- | | |
| JHU | KX0658 | 2D2 | 15months | 05:09.0 | 7/14/21 |
| | | | KX0658-D2- | | |
| JHU | KYOSEO | 2D2 | Aged- 15months | 15:10.0 | 7/1/1/01 |
| | KX0658 | | | 15:13.0 | 7/14/21 |
| Yale | KW9450 | 2D2 | MRI scan | 13:24.0 | 7/14/21 |
| Yale | KW9450 | 2D2 | MRI scan | 28:44.0 | 7/14/21 |
| Yale | FR8149 | 2D2 | MRI scan | 42:30.0 | 7/14/21 |
| Yale | FR8149 | 2D2 | MRI scan | 50:30.0 | 7/14/21 |
| Yale | QC2430 | 2D2 | MRI scan | 18:29.0 | 7/14/21 |
| Yale | QC2430 | 2D2 | MRI scan | 34:06.0 | 7/14/21 |
| Yale | AM5303 | 2D2 | MRI scan | 00:48.0 | 7/14/21 |
| Yale | AM5303 | 2D2 | MRI scan | 08:16.0 | 7/14/21 |
| Yale | VH22717 | 2D2 | MRI scan | 35:03.0 | 7/14/21 |
| Yale | VH22717 | 2D2 | MRI scan | 42:30.0 | 7/14/21 |
| Yale | QC2429 | 2D2 | MRI scan | 10:26.0 | 7/14/21 |
| Yale | QC2429 | 2D2 | MRI scan | 17:55.0 | 7/14/21 |
| | | | Cage#433619- | | |
| | | | 2 | | |
| Augusta | KW8754 | 2D2 | OrangeTag | 35:40.0 | 7/14/21 |
| | | | Cage#433619- | | |
| Augusta | KW8754 | 2D2 | OrangeTag | 28:21.0 | 7/14/21 |
| Yale | KX0639 | 2D2 | MRI scan | 44:47.0 | 7/14/21 |
| Yale | KX0639 | 2D2 | MRI scan | 00:27.0 | 7/14/21 |

| | | | Cage#419683- | | |
|---------|--------|-----|------------------|---------|---------|
| Augusta | KW8759 | 2D2 | 2 Orange Tag | 19:33.0 | 7/14/21 |
| | | | Cage#419683- | | |
| | | | 2 | | |
| Augusta | KW8759 | 2D2 | Orange Tag | 12:43.0 | 7/14/21 |
| | | | Cage#419683- | | |
| Augusta | QC1687 | 2D2 | Blue Tag | 45:23.0 | 7/14/21 |
| | | | Cage#419683- | | |
| | | | 1 | | |
| Augusta | QC1687 | 2D2 | Blue Tag | 38:26.0 | 7/14/21 |
| | | | Cage#433619- | | |
| Augusta | QC1688 | 2D2 | Blue Tag | 02:13.0 | 7/14/21 |
| | | | Cage#433619- | | |
| Augusta | QC1688 | 2D2 | Blue Tag | 54:50.0 | 7/14/21 |
| | | | Cage#433619- | | |
| Augusta | VH5301 | 2D2 | Green Tag | 07:37.0 | 7/14/21 |
| | | | Cage#433619- | | |
| Augusta | VH5301 | 2D2 | Green Tag | 00:25.0 | 7/14/21 |
| UIOWA | QC2962 | 2D2 | ADC_map b = 500 | 23:17.0 | 7/12/21 |
| | | | T2_map TE = | | |
| UIOWA | QC2962 | 2D2 | 75 | 58:13.0 | 7/12/21 |
| UIOWA | QC2962 | 2D2 | ADC_map b = 1000 | 19:16.0 | 7/12/21 |
| | | | ADC_map b = | | |
| UIOWA | QC2962 | 2D2 | 0 | 27:09.0 | 7/12/21 |
| UIOWA | QC2962 | 2D2 | T2_map TE = 15 | 12:22.0 | 7/12/21 |
| UIOWA | QC2962 | 2D2 | T2_map TE = 45 | 06:01.0 | 7/12/21 |

| UIOWA | VH1102 | 2D2 | ADC_map b = 500 | 57:22.0 | 7/12/21 |
|-------|--------|-----|------------------|---------|---------|
| UIOWA | VH1102 | 2D2 | T2_map TE = 45 | 11:07.0 | 7/12/21 |
| UIOWA | VH1102 | 2D2 | T2_map TE = 15 | 17:28.0 | 7/12/21 |
| UIOWA | VH1102 | 2D2 | ADC_map b = 0 | 01:07.0 | 7/12/21 |
| UIOWA | VH1102 | 2D2 | T2_map TE = 75 | 31:20.0 | 7/12/21 |
| UIOWA | VH1102 | 2D2 | ADC_map b = 1000 | 51:44.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | ADC_map b = 1000 | 49:00.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | ADC_map b = 500 | 54:31.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | ADC_map b = 0 | 58:17.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | T2_map TE = 45 | 08:24.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | T2_map TE = 15 | 14:47.0 | 7/12/21 |
| UIOWA | KW9122 | 2D2 | T2_map TE = 75 | 01:58.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | T2_map TE = 45 | 18:39.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | ADC_map b = 1000 | 52:49.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | ADC_map b = 0 | 02:12.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | T2_map TE = 15 | 12:13.0 | 7/12/21 |
| UIOWA | AM4022 | 2D2 | ADC_map b = 500 | 58:11.0 | 7/12/21 |
| | | | T2_map TE = | | |

| UIOWA | AM4022 | 2D2 | 75 | 05:52.0 | 7/12/21 |
|-------|--------|-----|------------------|---------|---------|
| UIOWA | QC2963 | 2D2 | T2_map TE = 15 | 11:47.0 | 7/12/21 |
| UIOWA | QC2963 | 2D2 | T2_map TE = 75 | 58:00.0 | 7/12/21 |
| UIOWA | QC2963 | 2D2 | T2_map TE = 45 | 05:03.0 | 7/12/21 |
| UIOWA | QC2963 | 2D2 | ADC_map b = 1000 | 45:29.0 | 7/12/21 |
| UIOWA | QC2963 | 2D2 | ADC_map b = 500 | 50:33.0 | 7/12/21 |
| UIOWA | QC2963 | 2D2 | ADC_map b = 0 | 54:21.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | ADC_map b = 0 | 43:11.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | T2_map TE = 15 | 00:12.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | T2_map TE = 75 | 47:08.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | T2_map TE = 45 | 53:31.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | ADC_map b = 1000 | 34:22.0 | 7/12/21 |
| UIOWA | VH1103 | 2D2 | ADC_map b = 500 | 39:23.0 | 7/12/21 |
| UIOWA | KW9123 | 2D2 | ADC_map b = 500 | 37:51.0 | 7/12/21 |
| UIOWA | KW9123 | 2D2 | T2_map TE = 15 | 01:43.0 | 7/12/21 |
| UIOWA | KW9123 | 2D2 | T2_map TE = 75 | 48:59.0 | 7/12/21 |
| UIOWA | KW9123 | 2D2 | ADC_map b = 0 | 41:39.0 | 7/12/21 |
| UIOWA | KW9123 | 2D2 | T2_map TE = 45 | 55:22.0 | 7/12/21 |

| UIOWA | KW9123 | 2D2 | ADC_map b = | 45:19.0 | 7/12/21 |
|----------|-----------|------|-------------------|---------|---------------|
| UIOVVA | NVV9123 | 202 | 1000 | 45.19.0 | 1/12/21 |
| | | | KX0659-D2- | | |
| JHU | KX0659 | 2D2 | Aged- 15months | 10:34.0 | 7/12/21 |
| JHU | KAU009 | 202 | Tomontis | 10.34.0 | 1/12/21 |
| | | | KX0659-D2- | | |
| | | | Aged- | | |
| JHU | KX0659 | 2D2 | 15months | 21:56.0 | 7/12/21 |
| | | | KX0659-D2- | | |
| | | | Aged- | | |
| JHU | KX0659 | 2D2 | 15months | 31:58.0 | 7/12/21 |
| | | | Cage#438146- | | |
| A | A N 40007 | 000 | 2 | 00.00.0 | 7/4 0/04 |
| Augusta | AM3287 | 2D2 | Yellow Tag | 02:29.0 | 7/12/21 |
| | | | Cage#438146- | | |
| Διιαμετα | AM3287 | 2D2 | 2 Yellow Tag | 54:57.0 | 7/12/21 |
| Augusta | AIVIOZOT | 202 | Cage#438146- | 34.37.0 | 1/12/21 |
| | | | 1 | | |
| Augusta | VH5300 | 2D2 | Yellow Tag | 56:40.0 | 7/12/21 |
| | | | Cage#438146- | | |
| | | | 1 | | |
| Augusta | VH5300 | 2D2 | Yellow Tag | 49:45.0 | 7/12/21 |
| | | | Cage#438146- | | |
| | | | 1 | | |
| Augusta | KW8752 | 2D2 | Orange Tag | 19:20.0 | 7/12/21 |
| | | | Cage#438146- | | |
| | | | 1 | | |
| Augusta | KW8752 | 2D2 | Orange Tag | 11:57.0 | 7/12/21 |
| | | | Cage#438146- | | |
| | | | 2 | | |
| Augusta | FR8345 | 2D2 | White Tag | 11:05.0 | 7/12/21 |
| | | | Cage#438146- | | |
| | ED00:- | 25.5 | 2 | | - 4.5. |
| Augusta | FR8345 | 2D2 | White Tag | 04:11.0 | 7/12/21 |

| | | | Cage#433635- | | |
|---------|---------|-----|----------------------|---------|---------------------|
| Augusta | FR8349 | 2D2 | 1 | 57:58.0 | 7/12/21 |
| | | | White Tag | | |
| | | | Cage#433635- | | |
| | | | 1 | | |
| Augusta | FR8349 | 2D2 | White Tag | 50:41.0 | 7/12/2 |
| | | | Cage#433618- | | |
| | | | 1 | | |
| Augusta | QC1685 | 2D2 | Blue Tag | 43:10.0 | 7/12/2 |
| | | | Cage#433618- | | |
| | | | 1 | | |
| Augusta | QC1685 | 2D2 | Blue Tag | 27:44.0 | 7/12/2 |
| | | | Cage#438080- | | |
| A | L/MOZEE | 000 | 1 Over 10 a Te 10 | 00.50.0 | 7/4.0/0 |
| Augusta | KW8755 | 2D2 | Orange Tag | 02:59.0 | 7/12/2 |
| | | | Cage#438080- | | |
| Augusta | KW8755 | 2D2 | 1 Orange Tag | 55:31.0 | 7/12/2 ⁻ |
| ragasta | 100755 | 202 | Cage#433635- | 33.01.0 | 771272 |
| | | | 2 | | |
| Augusta | KW8754 | 2D2 | Orange Tag | 38:40.0 | 7/12/2 |
| | | | Cage#433635- | | |
| | | | 2 | | |
| Augusta | KW8754 | 2D2 | Orange Tag | 31:46.0 | 7/12/2 |
| MGH | VH2192 | 2D2 | MRI scan | 04:13.0 | 7/8/2 |
| MGH | VH2192 | 2D2 | MRI scan | 10:32.0 | 7/8/2 |
| MGH | QC3161 | 2D2 | MRI scan | 36:35.0 | 7/8/2 |
| MGH | QC3161 | 2D2 | MRI scan | 30:15.0 | 7/8/2 |
| MGH | KX0212 | 2D2 | MRI scan | 02:11.0 | 7/8/2 |
| MGH | KX0212 | 2D2 | MRI scan | 55:52.0 | 7/8/2 |
| MGH | QC3160 | 2D2 | MRI scan | 34:35.0 | 7/8/2 |
| MGH | QC3160 | 2D2 | MRI scan | 28:16.0 | 7/8/2 |
| MGH | VH2191 | 2D2 | MRI scan | 38:28.0 | 7/8/2 |
| MGH | VH2191 | 2D2 | MRI scan | 31:46.0 | 7/8/2 |
| MGH | AM4772 | 2D2 | MRI scan | 54:31.0 | 7/8/2 |

| MGH | AM4772 | 2D2 | MRI scan | 01:13.0 | 7/8/21 |
|-------|------------|------|----------------------|---------|--------|
| MGH | KX0211 | 2D2 | MRI scan | 16:51.0 | 7/8/21 |
| MGH | KX0211 | 2D2 | MRI scan | 23:33.0 | 7/8/21 |
| UTH | KX0150D2OB | 2D2 | MRI scan | 49:50.0 | 7/7/21 |
| UTH | KX0150D2OB | 2D2 | MRI scan | 00:26.0 | 7/7/21 |
| UTH | KX0151D2OB | 2D2 | MRI scan | 17:58.0 | 7/7/21 |
| UTH | KX0151D2OB | 2D2 | MRI scan | 33:59.0 | 7/7/21 |
| UTH | QC3080D2OB | 2D2 | MRI scan | 15:44.0 | 7/7/21 |
| UTH | QC3080D2OB | 2D2 | MRI scan | 25:55.0 | 7/7/21 |
| UTH | AM4691D2OB | 2D2 | MRI scan | 49:04.0 | 7/6/21 |
| UTH | AM4691D2OB | 2D2 | MRI scan | 41:50.0 | 7/6/21 |
| UTH | AM4691D2OB | 2D2 | MRI scan | 59:18.0 | 7/6/21 |
| UTH | FR5221D2OB | 2D2 | MRI scan | 47:13.0 | 7/6/21 |
| UTH | FR5221D2OB | 2D2 | MRI scan | 40:09.0 | 7/6/21 |
| UTH | FR5221D2OB | 2D2 | MRI scan | 57:31.0 | 7/6/21 |
| UTH | PS0000D2OB | 2PD2 | MRI scan | 59:19.0 | 7/2/21 |
| UTH | PS0000D2OB | 2PD2 | MRI scan | 52:13.0 | 7/2/21 |
| UTH | PS0000D2OB | 2PD2 | MRI scan | 09:28.0 | 7/2/21 |
| UTH | PS0001D2OB | 2PD2 | MRI scan | 21:47.0 | 7/2/21 |
| UTH | PS0001D2OB | 2PD2 | MRI scan | 13:19.0 | 7/2/21 |
| UTH | PS0001D2OB | 2PD2 | MRI scan | 32:11.0 | 7/2/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 75 F21 | 31:05.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 75 | 39:30.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 1000 | 10:59.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 500 F21 | 23:01.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 0 F21 | 26:58.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 1000 F21 | 18:46.0 | 7/1/21 |
| | | | T2_map TE = | | |

| UIOWA | IB0001 | 2PD2 | 45 F21 | 37:29.0 | 7/1/21 |
|-------|--------|------|----------------------|---------|--------|
| UIOWA | IB0001 | 2PD2 | RARE_anatomy F21 | 50:12.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | RARE_anatomy | 30:46.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 15 F21 | 43:50.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 15 | 52:50.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 0 | 07:13.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | T2_map TE = 45 | 46:30.0 | 7/1/21 |
| UIOWA | IB0001 | 2PD2 | ADC_map b = 500 | 14:58.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 75 F21 | 56:22.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 15 | 24:45.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 1000 F21 | 44:25.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 45 | 18:27.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 45 F21 | 02:40.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 500 F21 | 48:31.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | T2_map TE = 75 | 12:05.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | RARE_anatomy F21 | 15:38.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | RARE_anatomy | 04:39.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 500 | 36:31.0 | 7/1/21 |
| UIOWA | IB0002 | 2PD2 | ADC_map b = 1000 | 32:05.0 | 7/1/21 |

| UIOWA | IB0002 | 2PD2 | ADC_map b = 0 F21 | 52:35.0 | 7/1/21 |
|-------|--------|------|----------------------|---------|---------|
| | | | ADC_map b = | | |
| UIOWA | IB0002 | 2PD2 | 0 | 40:26.0 | 7/1/21 |
| | | | T2_map TE = | | |
| UIOWA | IB0002 | 2PD2 | 15 F21 | 09:16.0 | 7/1/21 |
| | | | T2_map TE = | | |
| UIOWA | IB0003 | 2D2 | 75 | 58:41.0 | 6/30/21 |
| | | | T2_map TE = | | |
| UIOWA | IB0003 | 2D2 | 75 F21 | 46:38.0 | 6/30/21 |
| | | | ADC_map b = | | |
| UIOWA | IB0003 | 2D2 | 500 F21 | 38:55.0 | 6/30/21 |

From: **Karisma A Nagarkatti** l

To: Ryan.Cabeen@Ioni.usc.edu |

Monday, Jul 19, 9:33

nagarkat@usc.edu

Ryan.Cabeen@loni.usc.edu

ΔΜ

Hi ryan,

We should definitely have more cases in IDA. Each site was responsible for 24 mice or Rats in the 1st block which is ending this week. We had some mortality in the aged mice and SHR. Let me check this out and get back to you.

Thanks, Karisma

From: Ryan Cabeen |

To: Karisma A Nagarkatti

Saturday, Jul 17, 11:16

Ryan.Cabeen@loni.usc.edu

nagarkat@usc.edu

PM

Hi Karisma,

Glad to help — just following up on this, I only see one case on the IDA for stage 2, subject KX0658. Is that right?

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

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2025 Zonal Ave.

Los Angeles, CA 90033

Tel: (323) 44-BRAIN

Email: rcabeen@loni.usc.edu

Web: <u>cabeen.io</u> <u>www.ini.usc.edu</u>

From: Karisma A Nagarkatti I nagarkat@usc.edu

Friday, Jul 16, 3:27 PM

Hi Ryan,

Thanks so much, we appreciate all you have taken on for this project. Please let us know if you need anything from us and we will get it to you as soon as possible,

Thanks again,

Karisma

From: Ryan Cabeen |

To: Karisma A Nagarkatti

Friday, Jul 16, 3:12

Ryan.Cabeen@loni.usc.edu

nagarkat@usc.edu

PIV

Hi Karisma,

Sure thing, I'll work on that. We can definitely have the mouse results soon, and I'll try to get the rat pipeline up and running in time for that meeting.

Cheers,

Ryan

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

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Email: rcabeen@loni.usc.edu

Web: <u>cabeen.io</u> www.ini.usc.edu

From: Karisma A Nagarkatti I nagarkat@usc.edu

Friday, Jul 16, 8:31 AM

Hi Ryan,

| I hope you are doing well. I wanted to just give you a heads up that I will be asking if you have any MRI data from the pipeline for Stage 2 MRI images so that stats can run the central charte. Our hope is to show those central charte before the 7/29 Steering. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| the control charts. Our hope is to show these control charts before the 7/28 Steering Meeting. Please let me know if you need anything from me. Thank you for your help with this! |
| Thanks, Karisma |