## *University of Iowa Data Upload Templates*

### Day 2 scans

### 2020-OCT-21 and 2020-OCT-22

#### General Comments

For these scans, I did *not* do any additional sequences. I no longer acquired the multi-echo T2 mapping sequence.

## QC3804

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments: RARE\_anatomy scan was repeated as the initial scan had significant motion artifact. The included RARE\_anatomy scan was better though still had some artifact.

## VH1914

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments:

## KX0574

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments:

## FR4974

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments:

## AM5394

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments: Intial RARE\_anatomy scan was prescribed incorrectly so was repeated. The respiratory monitoring signal was lost during the first T2\_map scan so the mouse had to be pulled out an repositioned, which required repeating the RARE\_anatomy and T2\_map\_TE=75 scan to make sure all scans were in alignment.

## VH1913

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments: The ADC\_map\_b=500 scan was incorrectly run as part of the same series as the b=1000 scan, so was repeated to properly generate a separate series.

## KX0573

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments:

## FR4973

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments:

## AM5392

1. RARE\_anatomy

• T2\_map

2. T2\_map\_TE=75

3. T2\_map\_TE=45

4. T2\_map\_TE=15

• ADC\_map

5. ADC\_map\_b=1000

6. ADC\_map\_b=500

7. ADC\_map\_b=0

Additional comments: ADC\_map\_b=1000 and ADC\_map\_b=500 scans were both repeated to reduce motion artifact. Both were improved though artifact was not completely eliminated.