**Supplementary Data 2**

*** CT Acquisition Parameters:

CT Mode: Standard-One Mouse

Exposure (ms): 20

Total projections: 720

Voltage: 50

Current: 1

Binning: 4

XRay Filter: 440 Al

Reconstructed Width-Depth Dimension: 800

Reconstructed Height Dimension: 200

Center Column: 391

Center Row: 193

Minimum Z: -2.4731

Maximum Z: 0.5269

Voxel size Z: 0.015

Voxel size XY: 0.015

Rotation Axis Tilt: -0.108471

Noise Floor Percent: 0

Center To Source: 30.66

Center To Screen: 25.47

Angle Increment: 0.5

Pixel Size: 0.03

X Pixel Dimension: 768

Y Pixel Dimension: 216

X Pixel Start: 0

Y Pixel Start: 0

Projection Width: 23.04

Projection Height: 6.48

CT Scaling Factor: 1

Target Volume Width: 800

Target Volume Height: 200

Target Volume Depth: 800

Reconstructed Volume Min: 0

Reconstructed Volume Max: 2.79666

Hounsfield Calibration Air: 0.001955

Hounsfield Calibration Water: 0.5437

CT Grey Scale Min: N/A

CT Grey Scale Max: 12

CT Reference Click Used: XRY20261022122403

CT Defect Map Click Used: DEF20261022122440