Description of Additional Supplementary Files

File Name: Supplementary Data 1 Description: Listing *p*-values for all experimental comparisons performed.

File Name: Supplementary Movie 1 Description: Movie of reconstructed µCT image stacks through a normal E14.5 mouse heart.

File Name: Supplementary Movie 2 Description: Movie of reconstructed μ CT image stacks through a E14.5 mouse heart displaying a perimembranous ventricular septal defect.

File Name: Supplementary Movie 3 Description: Movie of reconstructed μ CT image stacks through a E14.5 mouse heart displaying a muscular ventricular septal defect.