



Supplementary Figure 1: Visualization of an abdominal aortic aneurysm (AAA) and in ApoE^{-/-} knockout mouse by MR angiography on a clinical 3T MR system. Images demonstrate the visualization of AAA by in vivo MR angiography on a clinical 3T MR system. Non-contrast-enhanced MR angiogram (TOF, a) and contrast-enhanced MR angiogram (GdT, b) in direct comparison to the associated histology of the arterial vessels (c). A strong correlation between in vivo and ex vivo measurements was measured (4a).