

Electronic Supplementary Material, Figure S2: Ultrastructural analysis of hearts. In hearts of  $\alpha$ GalA-deficient mice, the storage phenotype was expressed in endothelial and interstitial cells (black and white double arrow, respectively). Also here, the storage phenotype was fully dependent on the activity of Gb3S as evidenced by the  $\alpha$ GalA-/-/Gb3S-/- mice. Stain: lead citrate/uranyl acetate. Scale bars represent 2 $\mu$ m.