

**Figure 2-figure supplement 1. Mice heterozygous (+/-) for a constitutive deletion of α-DGN have two different sizes of α-DG.** Immunoblot analysis of skeletal muscle from littermate controls or mice that are heterozygous for the α-DGN KO allele (α-DGN (-/+)). Glycoproteins were enriched from the quadriceps skeletal muscles of mice using WGA-agarose with 10 mM EDTA. Immunoblotting was performed to detect matriglycan (IIIH11), core α-DG and β-DG (AF6868), and laminin overlay. α-DG in WT control muscle (α-DG(WT)) and α-DG in α-DGN-deficient muscle (α-DG(Δα-DGN)) are indicated on the right. Molecular weight standards in kilodaltons (kDa) are shown on the left. Molecular weight standards in kilodaltons (kDa) are shown on the left (250, 150, 100, 75, 50, 37, 25, and 20).