Fig. S1. Talin head domain always localizes to the myotendinous junction. Localization of Dmef2-Gal4>UAS-talinHeadGFP to the myotendinous junction (asterisks) in wild-type (wt) and Zasp mutant first instar larvae. Identical confocal settings were used for each live larva. Scale bar: 50 μm.

Fig. S2. Drosophila Zasp binding to βPS integrin cytoplasmic tail. (A) Binding assay testing interaction of larval extracts with a βPS integrin cytoplasmic tail peptide coated on plastic wells. Drosophila Zasp can bind to βPS integrin cytoplasmic tail in the presence or absence of talin (rhea79 mutant extract). Anti-Zasp antibody recognizes the two major isoforms (4 and 6) with C-terminal LIM domains in larvae (Katzemich et al., 2011). (B) Pulldown assay using GST-Zasp isoform10FL.