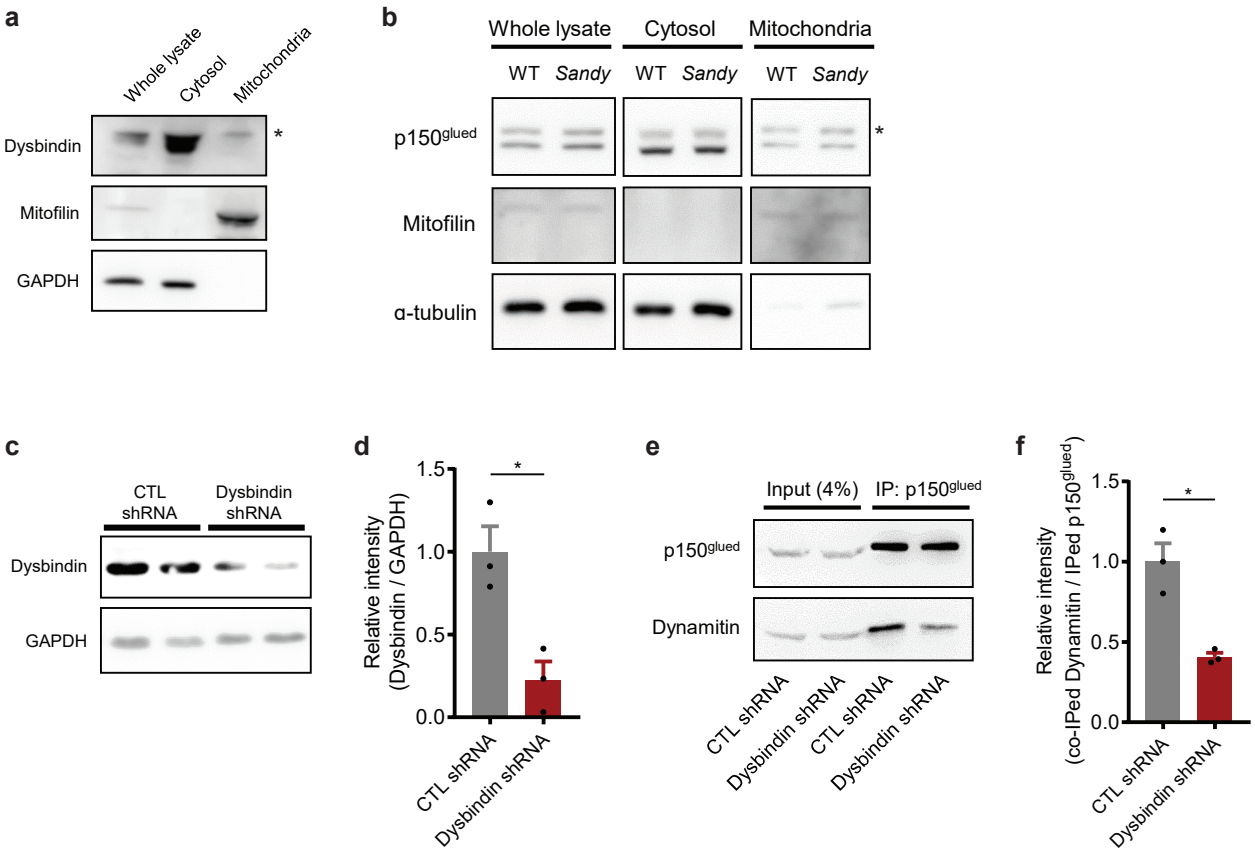Additional file 2: Fig. S2