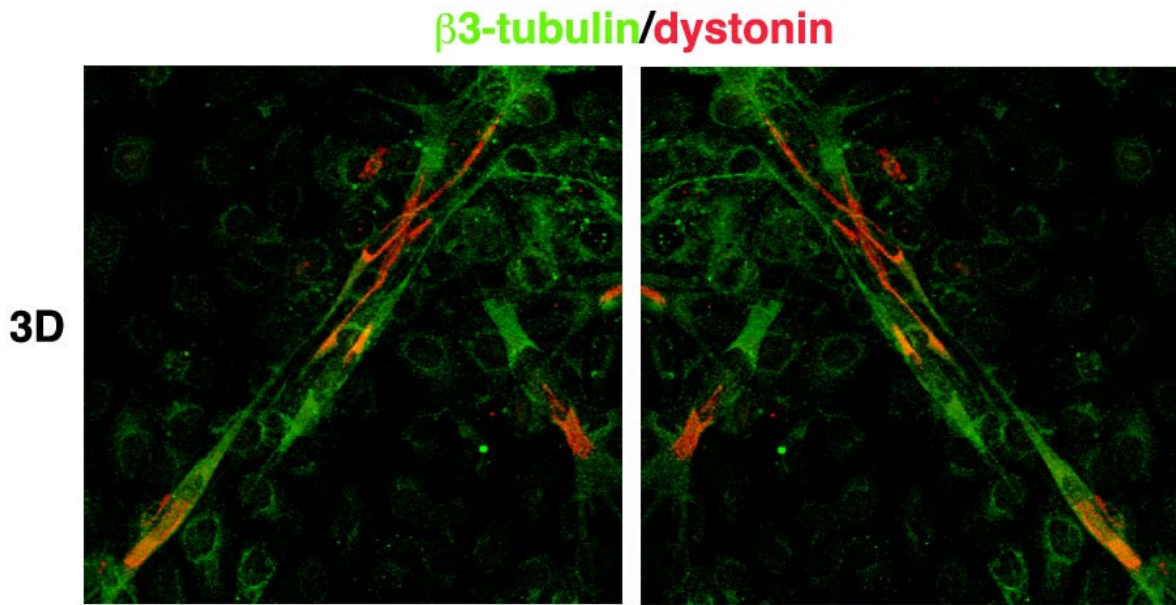
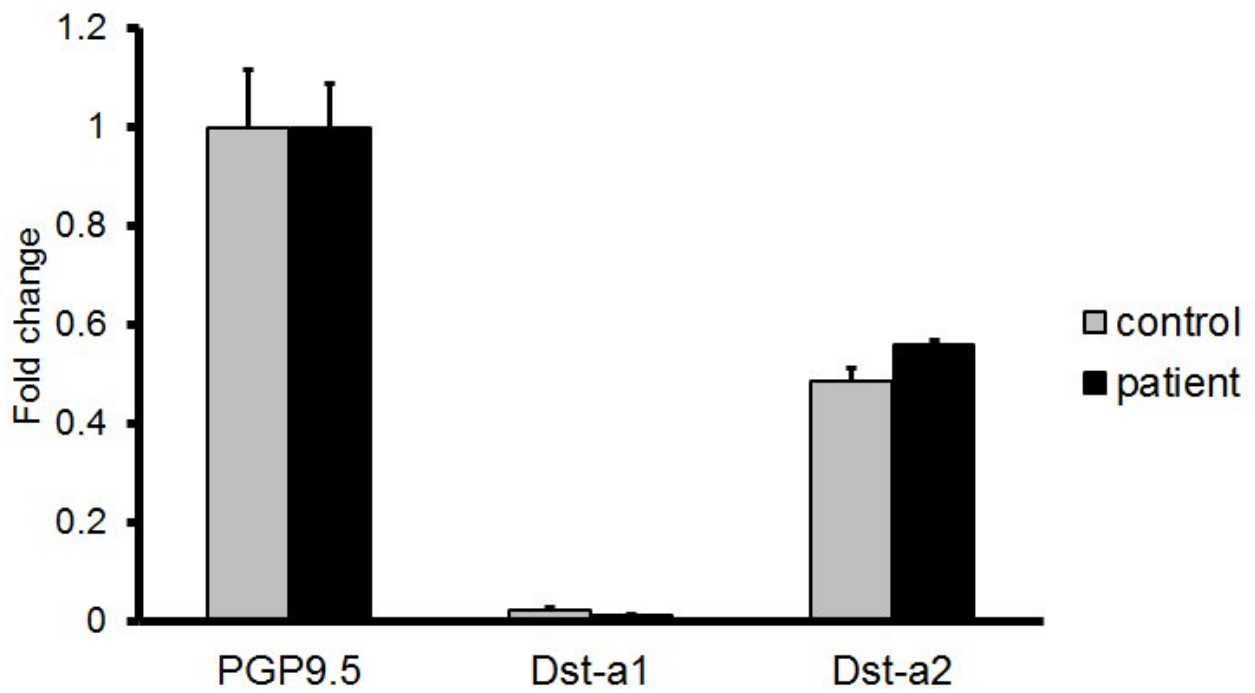


Figure e-1. Localization in 3D of dystonin in normal differentiated iPSCs



Confocal images of normal and affected differentiated iPSCs stained with β -tubulin (green) and dystonin (red). Images correspond to the 3D reconstruction of Z-planes acquired from the top to the bottom of the cells. The picture at right is rotated of 180° respect to picture at left.

Figure e-2. Analysis of the levels of DST mRNA isoforms in skin biopsies.



The measurement of the mRNAs encoding the DST-a1 and -a2 isoforms was performed by qPCR in the RNA isolated from the skin biopsies of DST patient and healthy donor (control). Data are expressed as mean of three replicates \pm SD relative to the expression of the neural marker PGP 9.5.