Supplementary information S2 | DTI results from children with 22q11.2DS

Study	*X*	*Y*	*Z*	*Voxels*	*Voxel Size*
Barnea-Goraly *et al*., 2003	-16 14	-52 -50	14 29	193 165	1.9x1.9x5mm
Simon *et al*., 2005	*-14* *8*	*-47* *-47*	*26* *26*	*2802*	2x2x2 mm
Simon *et al*., 2008	-37 40	-48 -41	20 28	87 185	2x2x2 mm

Peaks of significant clusters in Talairach Coordinates of higher FA values in 22q11.2DS vs. Typical groups for three studies as depicted in Figure 2. (Note that peaks in the Simon *et al.*, 2005 study are components of a single, large cluster).

References:

1. Barnea-Goraly, N. *et al.* Investigation of white matter structure in velocardiofacial syndrome: A diffusion tensor imaging study. *Am. J. Psychiatry* **160,** 1863–1869 (2003).
2. Simon, T. J. *et al.* Volumetric, connective, and morphologic changes in the brains of children with chromosome 22q11.2 deletion syndrome: an integrative study. *Neuroimage* **25**, 169–180 (2005).
3. Simon, T. J. *et al.* Atypical cortical connectivity and visuospatial cognitive impairments are related in children with chromosome 22q11.2 deletion syndrome. *Behav. Brain Funct.* **4**, 25 (2008).