Table S1. Functional network anchored to left IFGop epicenter in healthy controls

Regions (BA)	Cluster (n voxels)	x,y,z (MNI)	T value
L IFGop (44)	10325	-50, 12, 22	36.38
L IFGtr (45)		-50, 22, 24	22.94
L Premotor cortex (6)		-52, 5, 37	13.11
L IPL (40)		-54, -36, 42	17.59
R IFGop (44)	2426	56, 18, 28	16.02
R IFGtr (45)		42, 32, 14	15.05
R Premotor cortex (6)		48, 10, 30	14.61
L SMA (6)	1513	-2, 10, 52	13.26
L MFG (46)		-24, 2, 58	11.45
R MCC (24)		4, 16, 42	11.43
L ITG (37)	773	-46, -54, -16	12.52
L MTG (37)		-66, -50, -4	11.74
L Cuneus (18)	565	2, -82, 26	10.8
R ITG (37)	416	46, -60, -14	13.09
L Caudate Nucleus	277	-14, 6, 14	12.67
L Putamen		-22, 2, 6	12.63

BA = Brodman area; IPL = Inferior Parietal Lobule, MFG = middle Frontal gyrus, STG=superior temporal gyrus, SMA = supplemetary motor area, MCC = Middle cingulate cortex, ITG = Inferior Temporal Gyrus, MTG = Middle Temporal Gyrus

Table S2 Longitudinal gray matter changes in nfvPPA

Regions (BA)	Cluster (n voxels)	x,y,z (MNI)	T value
L Premotor cortex (6)	109441	-50, 2, 39	10.18
L Broca's area (44)		-36, 13, 33	9.62
L MFG (46)		-31, 4, 50	9.34
L SMA (6)		-11, 13, 54	7.73
L Putamen		-25, 6, 2	6.7
L Insula		-31, 25, 7	6.3
R MFG (46)	2293	29, 5, 57	6.67
L Angular Gyrus	1477	-43, -51, 27	6.02
L STG (48)		-49, -45, 15	5.83
R Broca's area (44)	929	49, 18, 13	6.08
R Broca's area (45)		47, 20, 22	5.73
L Thalamus	811	-11, -15, 3	6.11
R ACC (32)	774	7, 10, 29	6.90
R MCC (24)		7, -2, 33	5.69
R Premotor cortex (6)	424	40, -8, 45	6.51

BA = Brodman area; MFG = middle Frontal gyrus, STG = superior temporal gyrus, ACC = Anterior cingulate cortex, MCC = Middle cingulate cortex, SMA = supplementary motor area.