

**SUPPLEMENTARY MATERIAL. Table S1.**

Voxel-based brain mapping analysis. Regions with lower metabolism of each cluster, using a FWE corrected  $p$ -value <0.05.

Brain region (Brodmann area)	MNI coordinates			T value	Z score	K (number of voxels)
	x	y	z			
<b>4 clusters. Regions with lower metabolism in k0 vs. healthy controls</b>						
Left cingulate gyrus, inferior, middle, and superior frontal gyri, and left superior temporal gyrus (9, 10, 13, 21,24, 32, 38, 44, 46)	0	20	30	9.89	Inf	24939
	-40	14	2	8.73	7.43	
	-42	6	32	8.43	7.24	
Left superior temporal gyrus (39)	-48	-60	30	7.07	6.30	1404
Right superior frontal Gyrus (10)	40	66	-6	5.38	5.00	104
Right temporal gyrus (38)	42	26	-32	5.10	4.77	29
<b>4 clusters. Regions with lower metabolism in k1 vs. healthy controls</b>						
Left Supramarginal , inferior, middle, and superior temporal gyri, inferior parietal lobule (7, 20, 21, 22, 37, 39, 40)	-52	-54	32	11.22	Inf	15242
	-64	-54	-10	11.11	Inf	
	-60	-26	-18	10.75	Inf	

Left middle and inferior frontal gyri, and precentral gyrus (6, 8, 9)	-40	4	38	7.12	6.08	1473
	-32	8	60	6.33	5.56	
	-24	16	46	6.31	5.54	
Right middle temporal gyrus (39)	50	-62	30	5.09	4.65	37
Left precentral gyrus (44)	-52	10	12	4.93	4.52	2
<b>4 clusters. Regions with lower metabolism in k2 vs. healthy controls</b>						
Left middle, superior and inferior temporal gyri, fusiform, angular, and parahippocampal gyri (19, 20, 21, 22, 37, 39)	-42	-54	-2	14.81	Inf	24431
	-64	-50	-6	14.54	Inf	
	-40	-56	34	12.81	Inf	
Right middle and superior temporal gyri, angular gyrus (20, 39)	48	-66	28	8.11	6.43	1318
	48	-52	12	7.57	6.13	
	52	-42	-14	6.31	5.37	
Left caudate	-10	6	8	5.73	4.99	128
Left precuneus (7)	-10	-88	52	5.70	4.97	22
Left posterior cingulate (31)	-6	-32	32	5.35	4.73	22
Left precentral gyrus (9)	-40	6	34	5.34	4.71	12
<b>6 clusters. Regions with lower metabolism in k0 vs. healthy controls</b>						

Left superior, middle, medial and inferior frontal gyri, cingulate, insula and caudate (6, 8, 13, 32, 38, 45)	-8	30	56	10.05	7.43	28865
	-40	20	46	9.52	7.18	
	-4	18	32	9.55	7.20	
Left middle temporal gyrus, inferior parietal lobule and supramarginal gyrus (39, 40)	-44	-60	30	7.74	6.27	2704
	-64	-36	40	7.72	6.25	
	-56	-52	32	7.46	6.11	
Right Superior Frontal Gyrus (10)	40	66	-4	6.41	5.46	265
Left rectal gyrus (11)	-8	18	-28	6.06	5.23	227
	-10	36	-26	5.23	4.66	
Left thalamus	-4	-18	8	5.08	4.55	3
<b>6 clusters. Regions with lower metabolism in k2 vs. healthy controls</b>						
Left precentral, middle frontal, medial frontal, inferior frontal cingulate gyri; right medial frontal and cingulate gyri (6, 8, 9, 32, 45)	-42	4	34	10.23	7.57	11435
	-52	6	16	9.06	7.01	
	-4	16	46	8.88	6.92	
Right middle and superior frontal gyrus (6)	30	16	50	6.86	5.78	572
	22	16	62	5.76	5.05	

Left caudate	-14	10	4	6.45	5.52	175
Left superior temporal gyrus (38)	-46	20	-36	5.37	4.78	7
Left superior frontal gyrus (10)	-14	66	16	5.05	4.54	1
<b>6 clusters. Regions with lower metabolism in k3 vs. healthy controls</b>						
Left inferior temporal, superior temporal, uncus, parahippocampal gyri, left orbital and rectal gyri (20, 36, 38, 47)	-36	-2	-46	20.23	Inf	14019
	-44	16	-32	18.88	Inf	
	-38	-28	-26	12.03	Inf	
Right superior Temporal and uncus (20, 38)	34	16	-40	11.23	7.59	2011
	38	-6	-44	8.00	6.20	
Left anterior cingulate (24)	-2	30	20	7.60	6.00	525
Left inferior frontal gyrus (45)	-54	22	18	7.41	5.89	360
	-50	30	8	6.17	5.17	
Left middle and superior frontal gyrus (10)	-38	62	-8	6.60	5.44	310
	-26	68	-10	6.57	5.42	
Left superior frontal gyrus (8)	-8	46	40	5.48	4.73	18
Left cingulate (24)	-2	8	36	5.25	4.58	2
<b>8 clusters. Regions with lower metabolism in k0 vs. healthy controls</b>						

Left Superior, middle and inferior frontal gyri, cingulate gyrus, insula, inferior and superior temporal gyri (6, 8, 13, 20, 32, 38, 45)	-8	30	58	9.79	7.10	18907
	-52	26	20	9.66	7.04	
	-40	22	46	9.54	6.99	
Left Inferior Parietal Lobule and superior temporal gyrus (39, 40)	-44	-60	30	7.38	5.92	1490
	-64	-34	46	6.82	5.60	
	-54	-48	42	6.44	5.38	
Left caudate	-12	12	4	6.71	5.54	390
Right Superior Temporal Gyrus (38)	42	26	-34	5.65	4.87	18
Left rectal gyrus (11)	-8	16	-28	5.62	4.85	19
Left Rectal superior frontal gyrus (10)	28	72	-8	5.60	4.84	54
	38	68	-4	5.41	4.71	
<b>8 clusters. Regions with lower metabolism in k5 vs. healthy controls</b>						
Left inferior frontal, middle frontal, superior frontal gyri, anterior cingulate, insula and left orbital gyrus (10, 13, 32, 45, 47)	-52	24	18	14.46	Inf	24815
	-48	48	-4	12.71	7.66	
	-54	6	16	12.18	7.51	

Left Inferior Parietal Lobule and angular gyrus (39, 40)	-58	-38	42	9.91	6.75	2054
	-40	-54	36	8.18	6.04	
	-56	-54	38	8.08	5.99	
Right Middle Frontal Gyrus (10)	40	64	-2	8.05	5.98	160
Left inferior and middle temporal gyri (37)	-64	-48	-8	7.83	5.88	1875
	-64	-36	-16	7.55	5.74	
	-56	0	-38	7.48	5.71	
Left thalamus	-6	-18	8	7.71	5.82	139
Left medial frontal gyrus (10)	-8	46	-8	6.20	5.04	66