

Table S2. Between-group differences of fALFF-CBF maps in E

Brain Region	Left or right hemispheres	Label ID
A. ESRD > HCs		
No between-group differences		
B. ESRD < HCs		
Superior Frontal Gyrus(SFG)	SFG_L_7_1	1
Middle Frontal Gyrus(MFG)	MFG_R_7_7	28
Orbital Gyrus(OrG)	OrG_L_6_5	49
Superior Temporal Gyrus(STG)	STG_L_6_2	71
Middle Temporal Gyrus(MTG)	MTG_R_4_2	84
	MTG_L_4_3	85
Inferior Temporal Gyrus(ITG)	ITG_R_7_3	94
Fusiform Gyrus(FuG)	FuG_R_3_2	106
Inferior Parietal Lobule(IPL)	IPL_L_6_5	143
	CG_L_7_1	175
Cingulate Gyrus(CG)	CG_R_7_1	176
	CG_L_7_7	187
	CG_R_7_7	188
Basal Ganglia(BG)	BG_L_6_4	225

fALFF-CBF= fractional amplitude of low frequency fluctuation-cerebral blood flow; MNI= montreal neurological institute; FDR= false discovery rate.

SRD patients and HCs at brain region level ($p < 0.01$, FDR corrected).

Modified cyto-architectonic	MNI			<i>t</i> -value	<i>p</i> -value
	X	Y	Z		
A8m, medial area 8	-5	15	54	3.095	0.003
A10l, lateral area 10	25	61	-4	3.223	0.002
A13, area 13	-10	18	-19	2.853	0.007
A41/42, area 41/42	-54	-32	12	3.046	0.004
A21r, rostral area 21	51	6	-32	3.205	0.002
A37dl, dorsolateral area 37	-59	-58	4	3.314	0.001
A20r, rostral area 20	40	0	-43	4.649	<0.001
A37mv, medioventral area 37	31	-62	-14	3.014	0.004
A39rv, rostroventral area 39(PGa)	-47	-65	26	3.622	0.001
A23d, dorsal area 23	-4	-39	31	2.899	0.006
A23d, dorsal area 23	4	-37	32	2.978	0.005
A32sg, subgenual area 32	-4	39	-2	2.893	0.006
A32sg, subgenual area 32	5	41	6	3.301	0.002
vmPu, ventromedial putamen	-23	7	-4	2.697	0.009

low correlation coefficients; ESRD= end-stage renal disease; HCs= healthy control