Table S1. Between-group differences of ALFF-CBF maps in ES

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
	SFG_L_7_2	3
Middle Frontal Gyrus(MFG)	MFG_L_7_1	15
Orbital Gyrus(OrG)	OrG_L_6_2	43
Precentral Gyrus(PrG)	PrG_L_6_6	63
Superior Temporal Gyrus(STG)	STG_L_6_2	71
Middle Temporal Gyrus(MTG)	MTG_L_4_1	81
	MTG_L_4_3	85
Fusiform Gyrus(FuG)	FuG_L_3_2	105
	FuG_R_3_2	106
	FuG_L_3_3	107
	FuG_R_3_3	108
Insular Gyrus(INS)	INS_R_6_1	164
	INS_L_6_5	171
Cingulate Gyrus(CG)	CG_R_7_6	186
	CG_L_7_7	187
	CG_R_7_7	188
MedioVentral Occipital Cortex(MVOcC)	MVOcC_R_5_5	198
Lateral Occipital Cortex(LOcC)	LOcC_L_4_2	201
Amygdala(Amyg)	Amyg_L_2_1	211
Basal Ganglia(BG)	BG_L_6_4	225
Thalamus(Tha)	Tha_R_8_7	244

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

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

Modified cyto-architectonic	MNI			t -value	p -value
	X	Y	Z		
A8m, medial area 8	-5	15	54	3.586	0.001
A8dl, dorsolateral area 8	-18	24	53	2.749	0.009
A9/46d, dorsal area 9/46	-27	43	31	2.873	0.006
A12/47o, orbital area 12/47	-36	33	-16	3.477	0.001
A6cvl, caudal ventrolateral area 6	-49	5	30	2.796	0.008
A41/42, area 41/42	-54	-32	12	2.938	0.005
A21c, caudal area 21	-65	-30	-12	3.411	0.001
A37dl, dorsolateral area 37	-59	-58	4	3.216	0.002
A37mv, medioventral area 37	-31	-64	-14	3.143	0.003
A37mv, medioventral area 37	31	-64	-14	2.845	0.007
A37lv, lateroventral area 37	-42	-51	-17	2.766	0.008
A37lv, lateroventral area 37	43	-49	-19	2.886	0.006
G, hypergranular insula	37	-18	8	3.479	0.001
dIg, dorsal granular insula	-38	-8	8	2.909	0.006
A23c, caudal area 24	6	-20	40	2.716	0.009
A32sg, subgenual area 32	-4	39	-2	2.969	0.005
A32sg, subgenual area 32	5	41	6	2.809	0.007
vmPOS,ventromedial parietooccipital sulcus	15	-63	12	3.198	0.002
V5/MT+, area V5/MT+	-46	-74	3	3.352	0.002
mAmyg, medial amgydala	-19	-2	-20	3.359	0.002
vmPu, ventromedial putamen	-23	7	-4	2.779	0.008
cTtha, caudal temporal thalamus	10	-14	14	2.701	0.009

ion coefficients; ESRD= end-stage renal disease; HCs= healthy control subjects; MNI=