

SUPPLEMENTAL MATERIAL

Table S1. Information on Genotyped SNPs of SCNN1A, SCNN1B, and SCNN1G

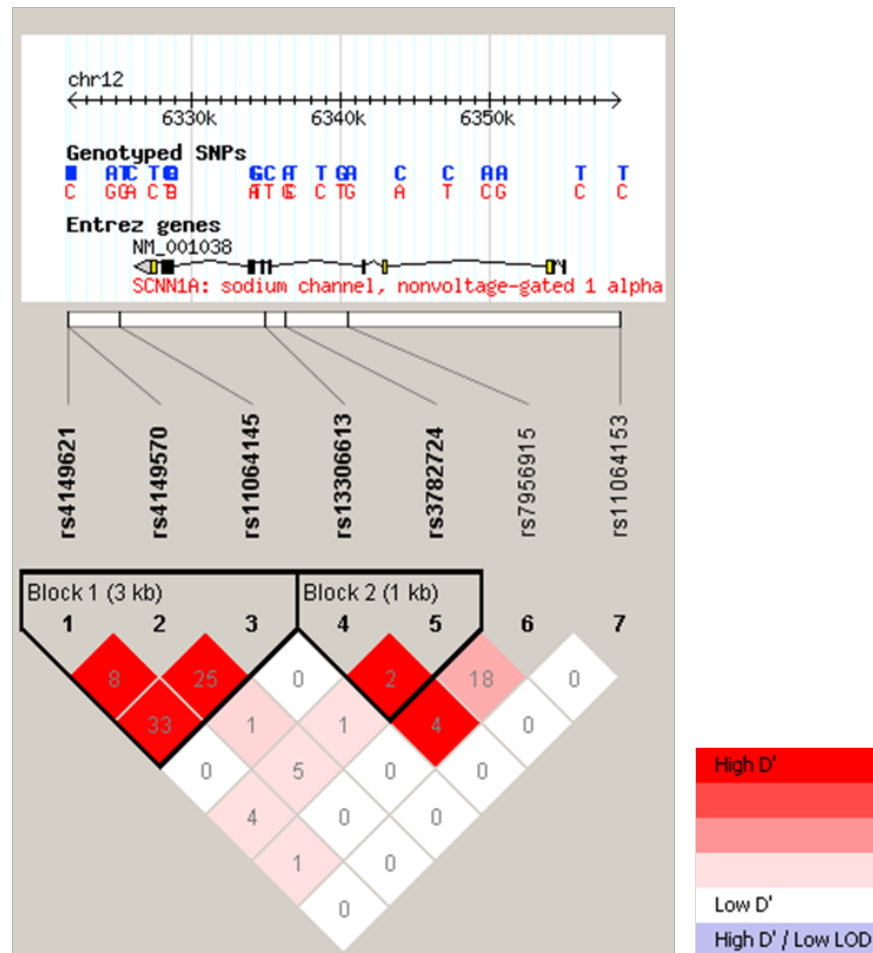
Gene	Chr	SNP	Position	Region in Gene	MAF	Alleles*	HW p-values
SCNN1A	12	rs4149621	6321822	3' Flanking	0.08	T:C	0.48
		rs4149570	6321851	3' Flanking	0.50	C:A	0.63
		rs11064145	6325359	3' Flanking	0.21	T:G	0.33
		rs13306613	6335070	Intron	0.06	C:T	0.26
		rs3782724	6336342	Intron	0.24	A:G	0.90
		rs7956915	6340521	Intron	0.40	C:T	0.40
		rs11064153	6358711	5' Flanking	0.35	G:A	0.05
SCNN1B	16	rs1004749	23222352	Intron	0.34	A:C	0.22
		rs3785368	23228281	Intron	0.35	G:A	0.32
		rs11074555	23231527	Intron	0.30	A:G	0.18
		rs7205273	23232350	Intron	0.26	C:T	0.20
		rs239345	23253439	Intron	0.28	T:A	0.10
		rs7190829	23254805	Intron	0.18	A:G	0.70
		rs8055868	23255752	Intron	0.20	G:A	0.88
		rs12447134	23258170	Intron	0.08	A:C	0.39
		rs239349	23260349	Intron	0.48	G:A	0.04
		rs238547	23267700	Exon (syn)	0.03	C:T	1
		rs8044970	23269331	Intron	0.38	T:G	0.33
		rs8044984	23269354	Intron	0.31	A:C	0.11
		rs152733	23270179	Intron	0.45	A:G	0.46
		rs3785361	23270900	Intron	0.29	T:A	0.49
		rs63982	23271582	Intron	0.38	G:T	1

		rs238551	23283422	Intron	0.50	A:G	0.32
		rs239350	23286980	Intron	0.13	G:A	0.02
		rs889299	23289415	Intron	0.34	G:A	0.63
		rs12596831	23292758	Intron	0.13	C:T	0.04
		rs4967999	23295036	Intron	0.45	C:T	0.92
		rs168748	23295756	Intron	0.45	G:A	0.29
		rs2303153	23297702	Intron	0.11	G:C	0.76
		rs250567	23301900	3' Flanking	0.10	G:A	0.29
		rs181835	23304614	3' Flanking	0.33	A:G	0.76
SCNN1G	16	rs4421986	23098751	5' Flanking	0.06	C:T	0.04
		rs4073930	23103147	Intron	0.16	T:C	0.03
		rs4073291	23103494	Intron	0.16	T:G	0.02
		rs7404408	23104239	Intron	0.16	C:T	0.01
		rs4967948	23106745	Intron	0.01	G:A	1
		rs5735	23108349	Exon (syn)	0.17	T:C	0.09
		rs4247210	23113158	Intron	0.16	G:C	0.57
		rs13331086	23115618	Intron	0.06	A:C	0.59
		rs4299163	23119520	Intron	0.10	G:C	0.35
		rs4401050	23124903	Intron	0.09	C:T	0.85
		rs4499238	23128880	Intron	0.10	G:A	0.25
		rs4297681	23132542	Intron	0.06	C:A	1
		rs5723	23134288	Exon (syn)	0.06	C:G	0.62
		rs5728	23134863	3' UTR	0.19	A:G	1
		rs9930846	23136036	3' Flanking	0.06	T:C	0.53

*Major allele: minor allele.

Figure S1. Linkage disequilibrium structure of the SCNN1A (a), SCNN1B (b), and SCNN1G (c) genes. The D' color scheme of Haploview was applied and $r^2 \times 100$ are shown in each cell (r^2 values of 1.0 are not shown).

a.



GenSalt Collaborative Research Group

Tulane University Health Sciences Center, New Orleans, LA, USA: Jiang He (PI), Lydia A. Bazzano, Chung-Shiuan Chen, Jing Chen, Hao Mei, L. Lee Hamm, Tanika N. Kelly, Paul Muntner, Kristi Reynolds, Paul K. Whelton, Wenjie Yang, and Qi Zhao.

Washington University School of Medicine, St Louis, MO, USA: Dabeeru C. Rao (PI), Matthew Brown, Charles Gu, Hongyan Huang, Treva Rice, Karen Schwander, and Shiping Wang.

University of Texas Health Sciences Center at Houston, Houston, TX, USA: James E. Hixson (PI) and Lawrence C. Shimmin.

National Heart, Lung, and Blood Institute, Bethesda, MD, USA: Cashell E. Jaquish.

Chinese Academy of Medical Sciences, Beijing, China: Dongfeng Gu (PI), Jie Cao, Jichun Chen, Jingping Chen, Zhenhan Du, Jianfeng Huang, Hongwen Jiang, Jianxin Li, Xiaohua Liang, Depei Liu, Xiangfeng Lu, Donghua Liu, Qunxia Mao, Dongling Sun, Hongwei Wang, Qianqian Wang, Xigui Wu, Ying Yang, and Dahai Yu.

Shandong Academy of Medical Sciences, Shandong, China: Fanghong Lu (PI), Zhendong Liu, Shikuan Jin, Yingxin Zhao, Shangwen Sun, Shujian Wang, Qengjie Meng, Baojin Liu, Zhaodong Yang, and Chuanrui Wei.

Shandong Center for Diseases Control and Prevention, Shandong, China: Jixiang Ma (PI), Jiyu Zhang, and Junli Tang.

Zhengzhou University, Henan, China: Dongsheng Hu (PI), Hongwei Wen, Chongjian Wang, Minghui Shen, Jingjing Pan, and Liming Yang.

Xinle Traditional Chinese Medicine Hospital, Hebei, China: Xu Ji (PI), Rongyan Li, Haijun Zu, and Junwei Song.

Ganyu Center for Disease Control and Prevention, Jiangsu, China: Delin Wu (PI), Xushan Wang, and Xiaofeng Zhang.

Xi'an Jiaotong University, Shaanxi, China: Jianjun Mu (PI), Enrang Chen, Fuqiang Liu, and Guanji Wu.

Chinese National Human Genome Center at Beijing, Beijing, China: Zhi-Jian Yao (PI), Shufeng Chen, Dongfeng Gu, Hongfan Li, Laiyuan Wang, and Penghua Zhang.