An rs4705342 T>C polymorphism in the promoter of miR-143/145 is associated with a decreased risk of ischemic stroke

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Supplemental Table I Clinical variables of ischemic stroke patients with rs4705342 T>C polymorphism.

Variables	rs4705342 T>C		*P* value
	TT (n = 234)	TC/CC (n = 211)	
TCH (mean ± SD)	5.02 ± 0.71	5.03 ± 0.75	0.90
TG (mean ± SD)	1.90 ± 1.12	1.91 ± 1.12	0.97
HDL-C (mean ± SD)	1.54 ± 0.36	1.58 ± 0.36	0.24
LDL-C (mean ± SD)	2.71 ± 0.95	2.61 ± 1.02	0.30

SD, standard deviation; M, male; F, female; TCH, total cholesterol; TG: triglyceride; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol

Supplemental Table II Clinical variables of ischemic stroke patients with rs4705343 T>C polymorphism.

Variables	rs4705343 T>C		*P* value
	TT (n = 188)	TC/CC (n = 257)	
TCH (mean ± SD)	5.04 ± 0.72	5.02 ± 0.73	0.86
TG (mean ± SD)	1.91 ± 1.08	1.91 ± 1.15	0.98
HDL-C (mean ± SD)	1.57 ± 0.38	1.56 ± 0.36	0.77
LDL-C (mean ± SD)	2.62 ± 1.00	2.69 ± 0.98	0.47

SD, standard deviation; M, male; F, female; TCH, total cholesterol; TG: triglyceride; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol

Supplemental Table III. Association of rs4705342 and rs4705343 polymorphisms with expression of miR-143 in different gender

	rs4705342			rs4705343		
	TT	TC/CC	*P* value	TT	TC/CC	*P* value
IS						
Male (n = 31)	89.6 ± 27.6	62.8 ± 39.6	0.21	62.2 ± 60.8	57.9 ± 25.3	0.30
Female (n = 15)	59.9 ± 29.7	69.7 ± 33.6	0.86	127.7 ± 36.3	73.9 ± 24.1	0.54
Controls						
Male (n = 29)	74.6 ± 28.4	62.1 ± 31.3	0.44	54.2 ± 44.7	81.8 ± 50.8	0.11
Female (n = 17)	47.1 ± 44.0	88.1 ± 68.5	0.22	74.4 ± 36.6	65.4 ± 34.7	0.61

IS, ischemic stroke

Relative expression of miR-143 was calculated using comparative Ct method after normalized by U6. Data are presented as mean ± standard error.

Supplemental Table IV. Association of rs4705342 and rs4705343 polymorphisms with expression of miR-145 in different gender

	rs4705342			rs4705343		
	TT	TC/CC	*P* value	TT	TC/CC	*P* value
IS						
Male (n = 31)	10.4 ± 4.2	15.2 ± 10.9	0.23	9.0 ± 6.6	16.9 ± 12.4	0.65
Female (n = 15)	13.6 ± 6.1	15.0 ± 7.2	0.46	11.2 ± 3.9	13.0 ± 3.9	0.89
Controls						
Male (n = 29)	2.9 ± 1.0	5.3 ± 4.8	0.08	5.7 ± 7.3	2.3 ± 1.2	0.07
Female (n = 17)	2.5 ± 1.9	2.8 ± 1.5	0.60	1.6 ± 0.5	3.2 ± 1.4	0.89

IS, ischemic stroke

Relative expression of miR-145 was calculated using comparative Ct method after normalized by U6. Data are presented as mean ± standard error.