

## *Neurology and Therapy*

# **Effect of *ANKKI* polymorphisms on serum valproic acid concentration in Chinese Han adult neurosurgery patients**

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Table 1 Genotype frequencies in the study population (n = 313)

Genetic polymorphisms	Genotypes	Model building patients		
		Value (n)	Frequency (%)	HWE (P)
LEPR				
rs1137101	AA/GA/GG	233/72/8	74.44/23.00/2.56	0.50
UGT2B7				
rs1223719	GG/GT/TT	229/79/5	73.16/25.24/1.60	0.76
rs7439366	CC/TC/TT	130/146/37	41.53/46.64/11.82	0.80
rs7668258	CC/CT/TT	136/141/36	43.45/45.05/11.50	1
CYP2C19				
rs12769205	AA/GA/GG	170/115/28	54.31/36.74/8.95	0.23
SCN2A				
rs17183814	AA/GA/GG	242/65/6	77.32/20.77/1.92	0.64
ANKK1				
rs1800497	GG/AG/AA	121/138/54	38.66/44.09/17.25	0.21
UGT1A6				
rs2070959	AA/AG/GG	175/110/28	55.91/35.14/8.95	0.11
rs28898617	AA/AG/GG	296/16/1	94.57/5.11/0.32	0.44
GABRA1				
rs2279020	AA/GA/GG	113/136/64	36.10/43.45/20.45	0.07
SCN1A				
rs2298771	CC/CT/TT	251/59/3	80.19/18.85/0.96	1
CYP1A1				
rs2606345	AA/CA/CC	268/42/3	85.62/13.42/0.96	0.53
AMPK				
rs10789038	AA/AG/GG	200/98/15	63.90/31.31/4.79	0.59
SH2B1				
rs3888190	AA/CA/CC	223/84/6	71.25/26.84/1.92	0.75
CYP2C19*2				
rs4244285	AA/GA/GG	175/111/27	55.91/35.46/8.63	0.16
SOD2				
rs4880	AA/AG/GG	233/76/4	74.44/24.28/1.28	0.64
CYP2C19*3				
rs4986893	AA/GA/GG	293/19/1	93.61/6.07/0.32	0.59