

Table II. Genes Associated with Brugada Syndrome

	Locus	Ion Channel	Gene/ Protein	% of Proband
BrS1	3p21	↓ I <sub>Na</sub>	<i>SCN5A, Na<sub>v</sub>1.5</i>	11-28%
BrS2	3p24	↓ I <sub>Na</sub>	<i>GPD1L</i>	Rare
BrS3	12p13.3	↓ I <sub>Ca</sub>	<i>CACNA1C, Ca<sub>v</sub>1.2</i>	6.6%
BrS4	10p12.33	↓ I <sub>Ca</sub>	<i>CACNB2b, Ca<sub>v</sub>β2b</i>	4.8%
BrS5	19q13.1	↓ I <sub>Na</sub>	<i>SCN1B, Na<sub>v</sub>β1</i>	1.1%
BrS6	11q13-14	↑ I <sub>to</sub>	<i>KCNE3, MiRP2</i>	Rare
BrS7	11q23.3	↓ I <sub>Na</sub>	<i>SCN3B, Na<sub>v</sub>β3</i>	Rare
BrS8	12p11.23	↑ I <sub>K-ATP</sub>	<i>KCNJ8, Kir6.1</i>	2%
BrS9	7q21.11	↓ I <sub>Ca</sub>	<i>CACNA2D1, Ca<sub>v</sub>α2d</i>	1.8%
BrS10	1p13.2	↑ I <sub>to</sub>	<i>KCND3, K<sub>v</sub>4.3</i>	Rare
BrS11	17p13.1	↓ I <sub>Na</sub>	<i>MOG1</i>	Rare