WHAT IS SCN2A?

SCN2A is a sodium ion channel gene located on chromosome 2. It encodes the alpha subunit of the voltage-gated sodium channels (Nav1.2) mainly located in the brain. These channels play an essential role in a cell’s ability to generate and transmit electrical signals. A change in the gene can alter the function of the channel and affect the way nerve impulses are conducted.

ASSOCIATED MEDICAL CONDITIONS


Patients with SCN2A are seen by a variety of specialists to address their specific medical challenges and benefit from a multi-disciplinary team approach to deliver comprehensive care.