Link to the original project: https://taproot.shabang.cf/2020BI0101/KBe20bio101retFallProject1export1.png

## 1 | Sources

- https://en.wikipedia.org/wiki/Voltage-gated\_ion\_channel
- Computational Approaches to Studying Voltage-Gated Ion Channel Modulation by General Anesthetics ScienceDirect
- 1-s2.0-S0092867419307342-fx1<sub>lra.ipa</sub> (996×996)
- THE CRYSTAL STRUCTURE OF A VOLTAGE-GATED SODIUM CHANNEL
- Free-energy landscape of ion-channel voltage-sensor-domain activation | PNAS
  - F1.large.jpg (1036×1280)
- Ion Channel Voltage Sensors: Structure, Function, and Pathophysiology
- Voltage-gated sodium channels viewed through a structural biology lens ScienceDirect
- · Effects of axon diameter and myelination (video) | Khan Academy
- Probing α-310 Transitions in a Voltage-Sensing S4 Helix ScienceDirect
- Molecular Interactions in the Voltage Sensor Controlling Gating Properties of CaV Calcium Channels: Structure
- Resting-State Structure and Gating Mechanism of a Voltage-Gated Sodium Channel ScienceDirect
- Structural basis for gating charge movement in the voltage sensor of a sodium channel | PNAS
- Structural basis for the modulation of voltage-gated sodium channels by animal toxins | Science
- Overview of Molecular Relationships in the Voltage-Gated Ion Channel Superfamily | Pharmacological Reviews
- Structure and function of voltage-gated sodium channels at atomic resolution Catterall 2014 Experimental Physiology - Wiley Online Library
- Crystal Structure of the Mammalian GIRK2 K+ Channel and Gating Regulation by G Proteins, PIP2, and Sodium: Cell
- The Role of CaV2.1 Channel Facilitation in Synaptic Facilitation ScienceDirect
- The sliding-helix voltage sensor
- Voltage sensor conformations in the open and closed states in rosetta structural models of K+ channels | PNAS
- Voltage-Gated Ion Channel an overview | ScienceDirect Topics

Exr0n • 2021-2022 Page 1