

Myotonia

Myotonia
congenita

Cl⁻ channel
CLCN1

Potassium-
aggravated
myotonia

Na⁺ channel
SCN4A

Paramyotonia
congenita

Na⁺ channel
SCN4A

Hyperkalemic
periodic
paralysis

Na⁺ channel
SCN4A

Periodic paralysis

Hypokalemic
periodic paralysis

Ca²⁺ channel
CACNL1S

Na⁺ channel
SCN4A

Andersen
syndrome

K⁺ channel
Kir2.1