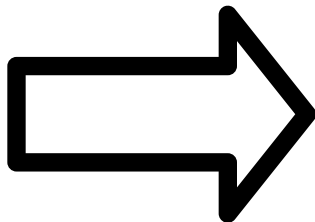


Inactivated. PDB ID: 5UAK

Activated. PDB ID: 6MSM

ATP Binding
Phosphorylation



**Transmembrane Domain 1
(TMD1)**

Forms half of the **conducting** pore

**Transmembrane Domain 2
(TMD2)**

Forms half of the **conducting** pore

Lasso Motif

Anchors into the membrane

**Nucleotide Binding Domain 2
(NBD2)**

Binds ATP + Mg to control **gating**

**Nucleotide Binding Domain 1
(NBD1)**

Binds ATP + Mg to control **gating**

**Regulatory Domain
(R-domain)**

Rearranges during **gating**

C-Terminal

Disordered, binds other proteins

