

## Human Tight Junctions PCR Array

### Cell Surface Receptors

Claudins: CLDN1, CLDN10, CLDN11, CLDN12, CLDN14, CLDN15, CLDN16, CLDN17, CLDN18, CLDN19, CLDN2, CLDN3, CLDN4, CLDN5, CLDN6, CLDN7, CLDN8, CLDN9.

Occludin: OCLN.

Cell Adhesion Molecules: ESAM, ICAM1, ICAM2, PECAM1.

Junctional Adhesion Molecules: F11R, IGSF5, JAM2, JAM3.

Others: CD99, CRB1, CRB3.

**Alpha Actinins & Catenins**: ACTN1, ACTN2, ACTN3, ACTN4, CTNNA1, CTNNA2, CTNNA3, CTNNB1.

**Junction Interacting Proteins**: ACTN1, ACTN2, ACTN3, ACTN4, AMOTL1, CGN, CSDA, CTTN, EPB41, HCLS1, INADL, MAGI1, MAGI2, MLLT4, MPDZ, PARD3, SYMPK, TJAP1, TJP1, TJP2, TJP3, VAPA, ZAK.

**Cytoskeleton Regulators**: AMOTL1, ASH1L, CSDA, CTTN, LLGL1, LLGL2, PARD3, PARD6A, PARD6B, SPTA1, SPTAN1, SPTB, SMURF1, TIAM1.

**G Protein Signaling**: ARHGEF2, CDC42, CDK4, GNAI1, RAC1, RHOA, SMURF1, TIAM1.

**Protein Kinase Signaling**: CASK, CSNK2A1, CSNK2A2, CSNK2B, ILK, MAGI1, MAGI2, MARK2, MPP5, MPP6, PRKCI, PRKCZ, PTEN.