Gene in above 4 to target adhesion, and to have at least one match in the mRNA 3’UTR

|  |  |  |
| --- | --- | --- |
| **ID** | **Gene Name** | **Fold Change** |
| BCL2L11 | BCL2 like 11(BCL2L11) | **4.710346741** |
| FERMT2 | FERM domain containing kindlin 2(FERMT2) | **4.210001445** |
| S100A11 | S100 calcium binding protein A11(S100A11) | **5.445400077** |
| CLDN4 | claudin 4(CLDN4) | **4.650374662** |
| COL1A1 | collagen type I alpha 1 chain(COL1A1) | **5.568596313** |
| INPPL1 | inositol polyphosphate phosphatase like 1(INPPL1) | **4.347005122** |
| NECTIN4 | nectin cell adhesion molecule 4(NECTIN4) | **4.266390305** |
| PDGFB | platelet derived growth factor subunit B(PDGFB) | **5.294020144** |
| RGMB | repulsive guidance molecule BMP co-receptor b(RGMB) | **4.058232689** |
| SPRY4 | sprouty RTK signaling antagonist 4(SPRY4) | **4.631111124** |
| STX3 | syntaxin 3(STX3) | **4.680558382** |

**BCL2L11** Cellmatrix adhesion - apoptosis

Fermt2 Cell adhesion, matric, focal - cell shape, WNt signalling

S100A11 Cell adhesion

CLDN4 Cell adhesion , tight junction

Col1A1 Cell adhesion / Pi3K-Akt signalling pathway

FUT4 Cell adhesion (found only in leukocyte)

INPPL1 cell adhesion

MTF2 transcitption factor (focal adhesion as 4th cellular component term )

Nectin 4 - Cell adhesion molecule

PDGFB – Platelet growth factor ) – among BP positive regulation of cell adhesion/ pos PI3K / MAPK

RGMB - cell adhesion in GO term and pos regulation of transcription