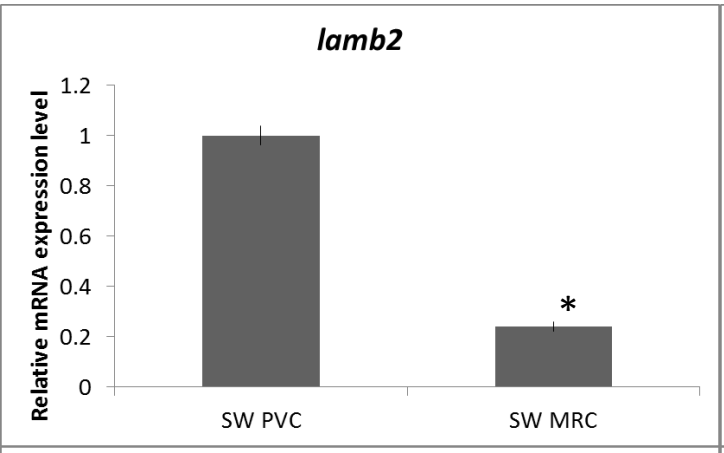
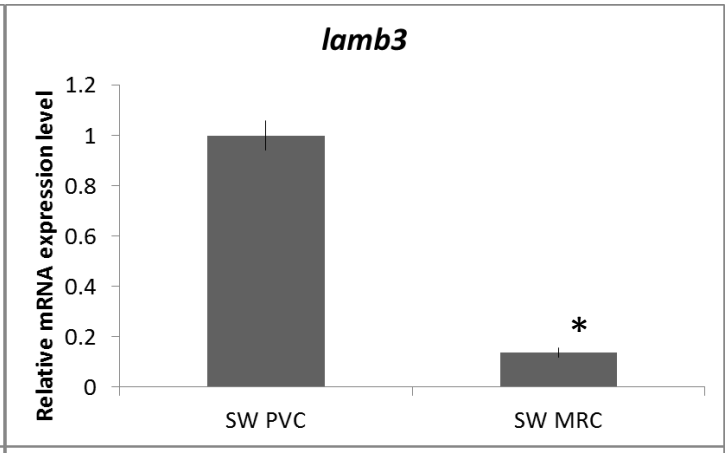
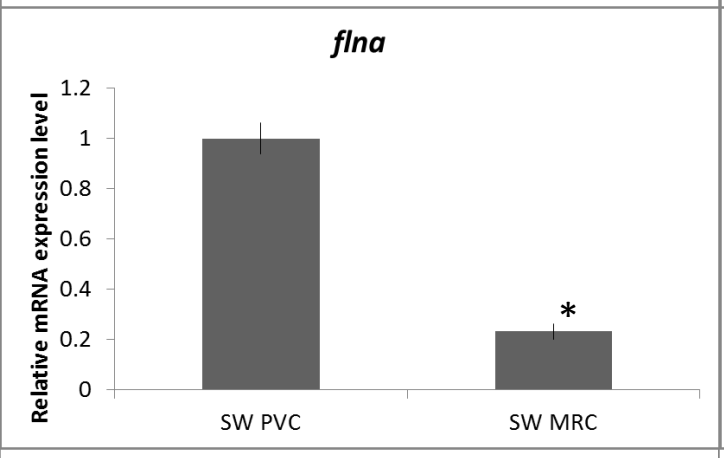
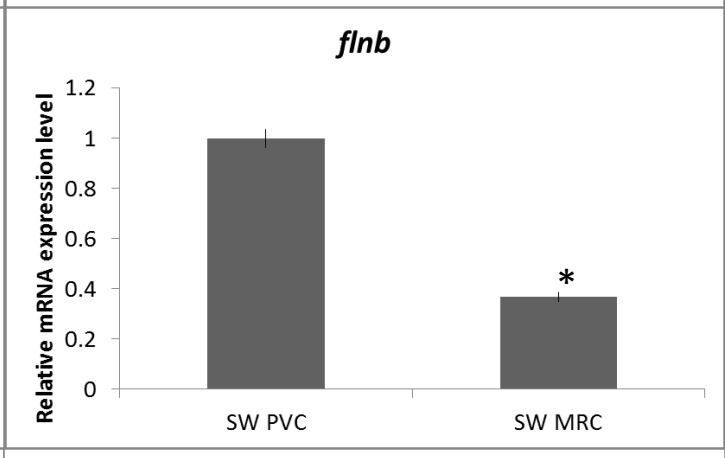
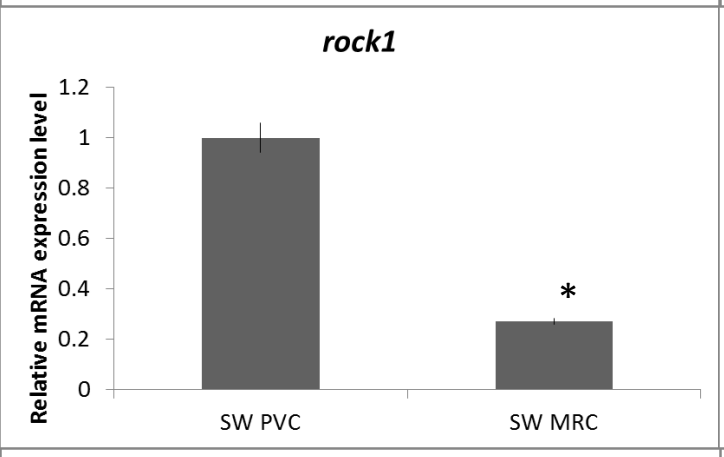
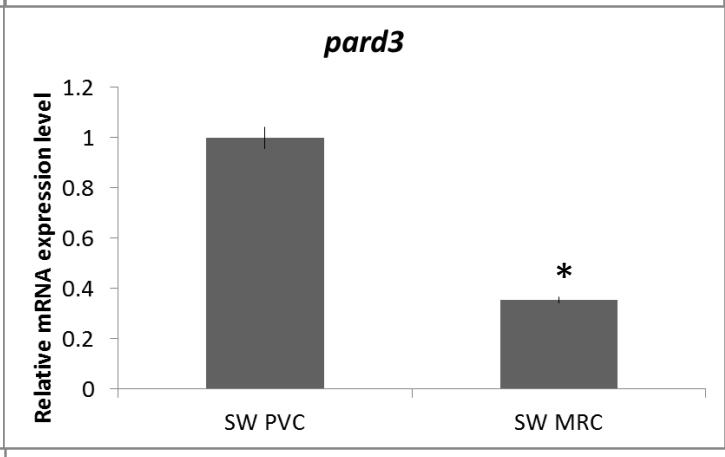

lamb2
Relative mRNA expression level
1.2
1
0.8
0.6
0.4
0.2
0
*
SW PVC
SW MRC

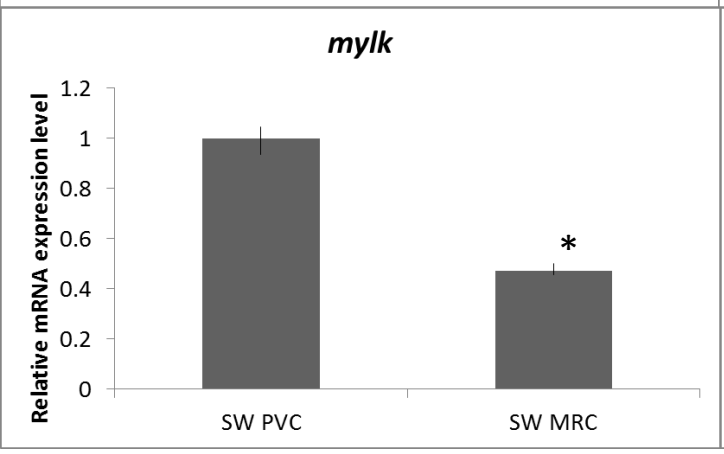

lamb3
Relative mRNA expression level
1.2
1
0.8
0.6
0.4
0.2
0
*
SW PVC
SW MRC

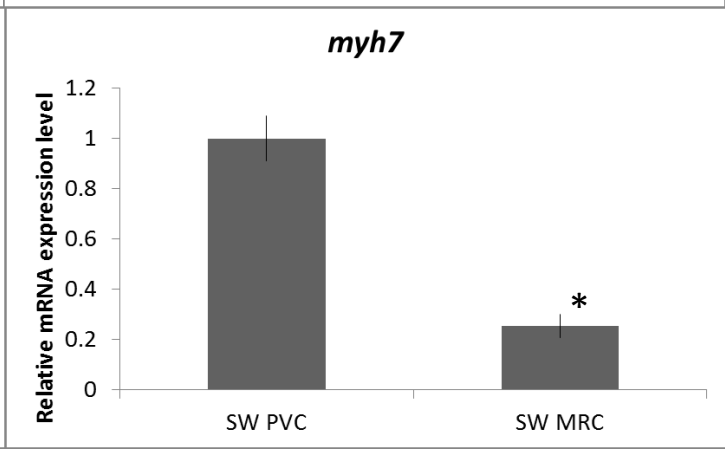

flna
Relative mRNA expression level
1.2
1
0.8
0.6
0.4
0.2
0
*
SW PVC
SW MRC

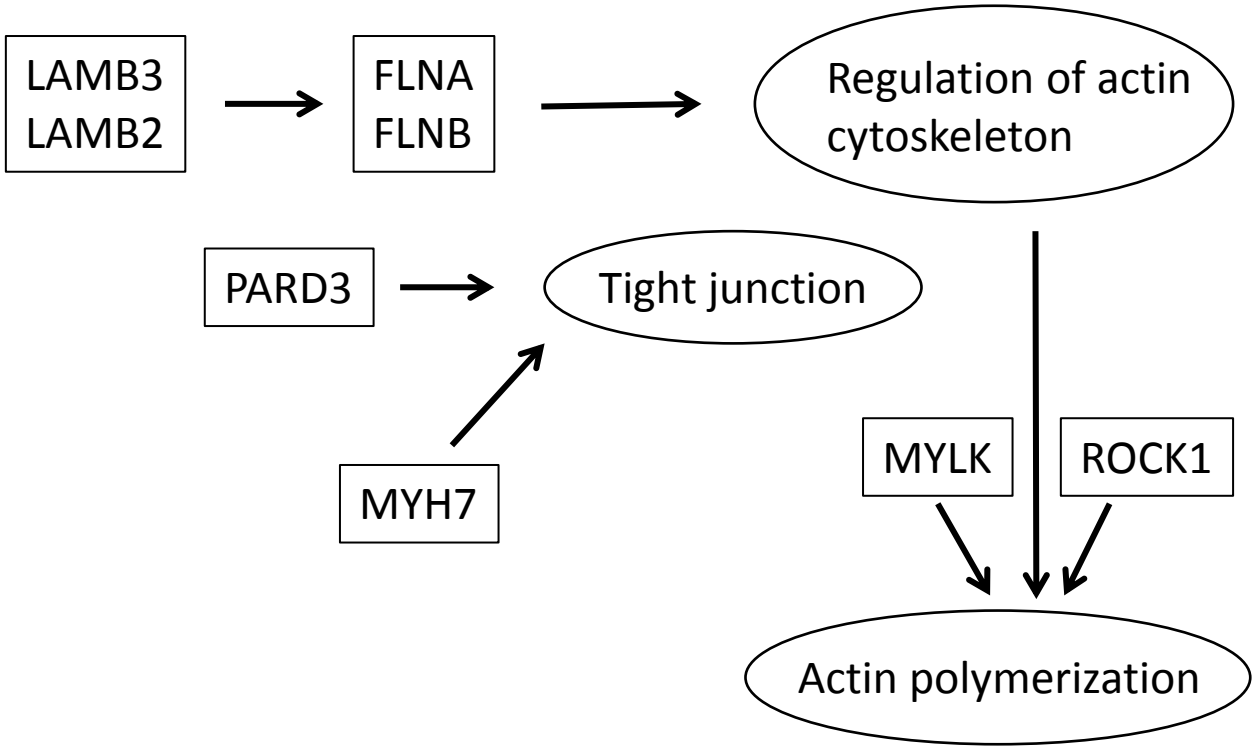

flnb
Relative mRNA expression level
1.2
1
0.8
0.6
0.4
0.2
0
*
SW PVC
SW MRC


rock1
Relative mRNA expression level
1.2
1
0.8
0.6
0.4
0.2
0
*
SW PVC
SW MRC


pard3
Relative mRNA expression level
1.2
1
0.8
0.6
0.4
0.2
0
*
SW PVC
SW MRC


mylk
Relative mRNA expression level
1.2
1
0.8
0.6
0.4
0.2
0
*
SW PVC
SW MRC


myh7
Relative mRNA expression level
1.2
1
0.8
0.6
0.4
0.2
0
*
SW PVC
SW MRC



Real-time PCR of selected SW PVC highly expressed transcripts that contributed in tight junction and cytoskeleton regulation. Focal adhesion transcripts such as laminin beta 2 (*lamb2*),laminin beta 3 (*lamb3*), filamin A (*flna*), filamin B (*flnb*), rho-associated protein kinase 1 (*rock1*) and myosin light chain kinase (*mylk*), could stimulate the reorganization of actin cytoskeleton and regulate actin polymerization. Adherens junction transcripts such as par-3 family cell polarity regulator (*pard3*) and myosin 7 (*myh7*) will regulate the tight junction.