

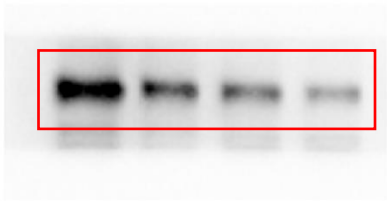
Supplementary Table 1

Gene primer sequences for RT-qPCR.

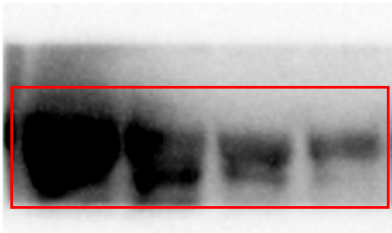
Genes	Sequences of primer (5'-3')
<i>KRT12</i>	Forward: CAGGCGAGGTCAGCGTAGAAATG Reverse: GGCTTCAGCGTCCTTCCGATTC
<i>KRT15</i>	Forward: GCCTACCTGAAGAAGAACCACGAAG Reverse: TGCTGCGTCCATCTCCACATTG
<i>KRT19</i>	Forward: ACGGCGAGCTAGAGGTGAAGATC Reverse: TGGTCGTGTAGTAGTGGCTGTAGTC
<i>KRTAP2-3</i>	Forward: AGCTGATCCTCAAGCACGAAT Reverse: AGTCAGTGGGACAGAGTTCTATTCA
<i>ITGB3</i>	Forward: TCATCTGGAAACTCCTCATCAC Reverse: GTAGACGTGGCCTCTTTATACA
<i>N-cadherin</i>	Forward: GGACAGTTCCTGAGGGATCAAAGC Reverse: CTTGGAGCCTGAGACACGATTCTG
<i>Vimentin</i>	Forward: AAATGGAAGAGAAGTCTTGGCGTTGAAG Reverse: GAGCAGGTCTTGGTATTCACGAAGG
<i>KLF4</i>	Forward: CAGCTTCACCTATCCGATCC Reverse: GAATGTACACCGGGTCCAATTC
<i>SOX2</i>	Forward: CAGCATGTCCTACTCGCAGCAG Reverse: CTGGAGTGGGAGGAAGAGGTAACC
<i>OCT4</i>	Forward: GTGGTCCGAGTGTGGTTCTGTAAC Reverse: CCCAGCAGCCTCAAATCCTCTC
<i>NANOG</i>	Forward: GATGCAAGAACTCTCCAACATC Reverse: CTGGTGGTAGGAAGAGTAAAGG
<i>LRP5</i>	Forward: CTCTACTGGACCGACCTGGACAC Reverse: GCTGTACTGCGTCAGACCGAAC
<i>LRP6</i>	Forward: AATCGGCAGGCAGTGGTTAAAGG Reverse: AATGGATTTCACGCAGACCCTCAC
<i>COL1A1</i>	Forward: TGGCAAAGAAGGCGGCAAAGG Reverse: AGGAGCACCAGCAGGACCATC
<i>β-catenin</i>	Forward: GGCTCTTGTGCGTACTGTCCTTC Reverse: GCTTCTTGGTGTGCGGCTGGTC
<i>RUNX2</i>	Forward: AGGCAGTTCCCAAGCATTTTCATCC Reverse: TGGCAGGTAGGTGTGGTAGTGAG
<i>WNT3</i>	Forward: TTCAAGCCACCCACGGAGAGG Reverse: GCAGAGCAGATCGCAGCCATC
<i>WNT5A</i>	Forward: GACTTCCGCAAGGTGGGTGATG Reverse: GTCTTGTGTGGTGGGCGAGTTG
<i>WNT11</i>	Forward: TGCTGACCTCAAGACCCGATACC Reverse: TAGACGAGTTCCGAGTCCTTCACAG
<i>FZD5</i>	Forward: GCACAACCACATCCACTACGAGAC Reverse: AGGAACCAGGTGAGCGACAGG

<i>FZD7</i>	Forward: CGGCATCACCACTGGCTTCTG Reverse: CCTTGCTGCTGTGGCTAAGTCTG
<i>TCF7L2</i>	Forward: CCACAGCTCTGACCGTCAATGC Reverse: CCCGTCGTGTGTAGCGTATGATG
<i>GAPDH</i>	Forward: GGAAGCTTGTCATCAATGGAAATC Reverse: TGATGACCCTTTTGGCTCCC

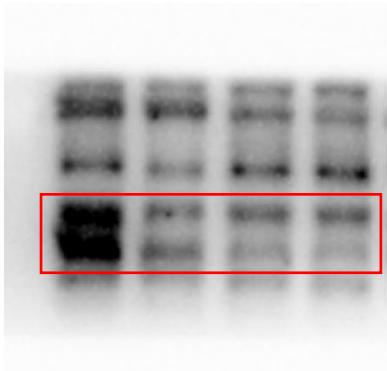
Supplementary Figure 1



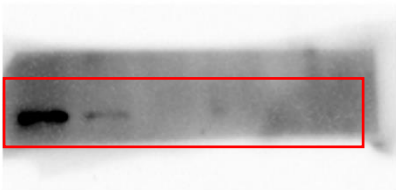
Supplementary Figure 1A (Figure 3B-N-cadherin)



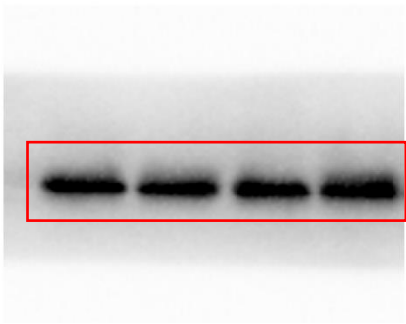
Supplementary Figure 1B (Figure 3B-Vimentin)



Supplementary Figure 1C (Figure 3B-KLF4)

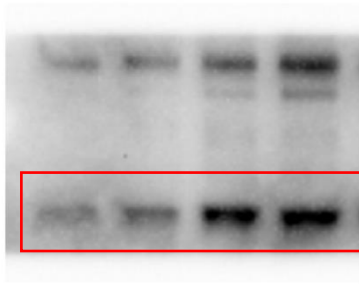


Supplementary Figure 1D (Figure 3B-SOX2)

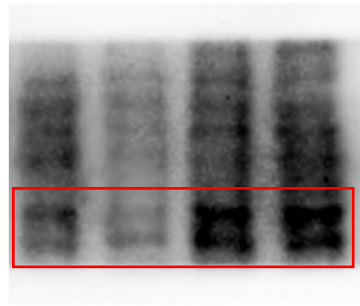


Supplementary Figure 1E (Figure 3B-GAPDH)

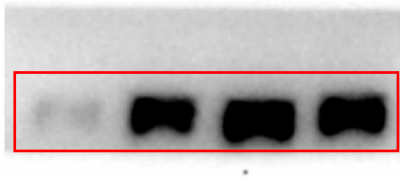
Supplementary Figure 2



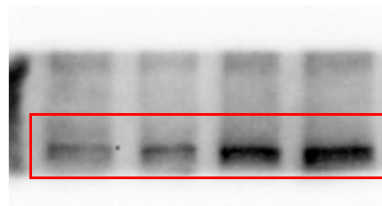
Supplementary Figure 2A (Figure 4B-KRT12)



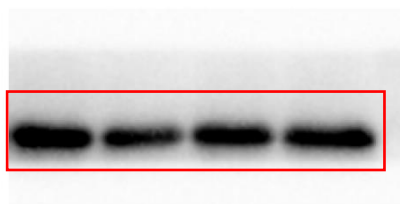
Supplementary Figure 2B (Figure 4B-KRT15)



Supplementary Figure 2C (Figure 4B-KRT19)

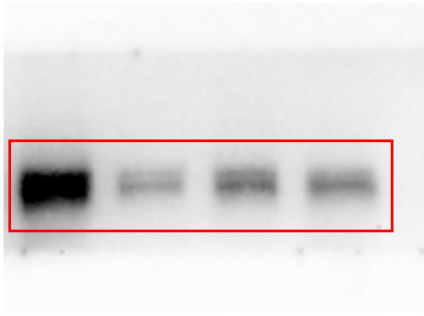


Supplementary Figure 2D (Figure 4B-E-cadherin)

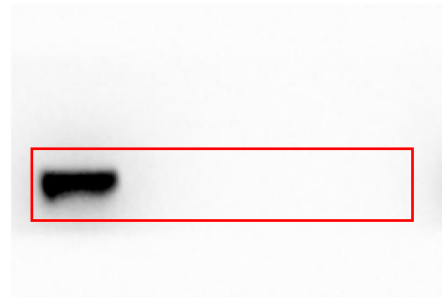


Supplementary Figure 2E (Figure 4B-GAPDH)

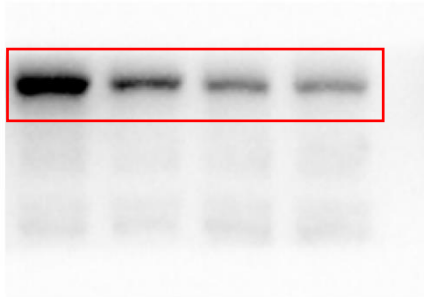
Supplementary Figure 3



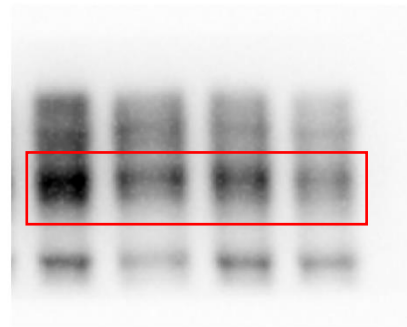
Supplementary Figure 3A (Figure 6B-LRP5)



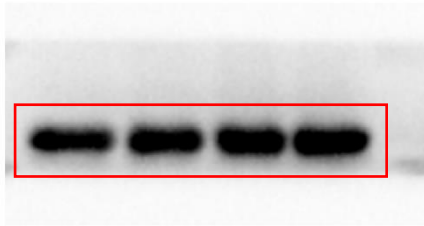
Supplementary Figure 3B (Figure 6B-COL1A1)



Supplementary Figure 3C (Figure 6B- β -catenin)



Supplementary Figure 3D (Figure 6B-RUNX2)



Supplementary Figure 3E (Figure 6B-GAPDH)