

**LAMB3, TCGA**  
n = 52, d = 1.2, p < 0.001

20  
Tumor Benign

**COL4A2, TCGA**  
n = 52, d = 0.32, p = 0.042

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Tumor Benign

**COL4A1, TCGA**  
n = 52, d = 0.18, ns (p = 0.26)

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Tumor Benign

**COL14A1, TCGA**  
n = 52, d = 0.21, ns (p = 0.18)

20  
Tumor Benign

**COL6A3, TCGA**  
n = 52, d = 0.23, ns (p = 0.16)

20  
Tumor Benign

**LOXL1, TCGA**  
n = 52, d = 0.75, p < 0.001

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Tumor Benign

**COL4A5, TCGA**  
n = 52, d = 0.76, p < 0.001

10  
Tumor Benign

**COL4A3, TCGA**  
n = 52, d = 0.4, p = 0.011

10  
Tumor Benign

**LAMB3, GSE40272**  
n = 34, d = 1.3, p < 0.001

**COL4A2, GSE40272**  
n = 34, d = 1, p < 0.001

**COL4A1, GSE40272**  
n = 34, d = 0.74, p < 0.001

**COL14A1, GSE40272**  
n = 34, d = 0.91, p < 0.001

**COL6A3, GSE40272**  
n = 34, d = 0.52, p = 0.014

**LOXL1, GSE40272**  
n = 34, d = 0.54, p = 0.011

**COL4A5, GSE40272**  
n = 34, d = 0.34, ns (p = 0.087)

**COL4A3, GSE40272**  
n = 34, d = 0.14, ns (p = 0.5)

**LAMB3, GSE70768**  
n = 73, d = 1.4, p < 0.001

**COL4A2, GSE70768**  
n = 73, d = 0.59, p < 0.001

**COL4A1, GSE70768**  
n = 73, d = 0.75, p < 0.001

**COL14A1, GSE70768**  
n = 73, d = 0.4, p = 0.002

**COL6A3, GSE70768**  
n = 73, d = 0.56, p < 0.001

**LOXL1, GSE70768**  
n = 73, d = 0.072, ns (p = 0.6)

**COL4A5, GSE70768**  
n = 73, d = 0.73, p < 0.001

**COL4A3, GSE70768**  
n = 73, d = 0.62, p < 0.001