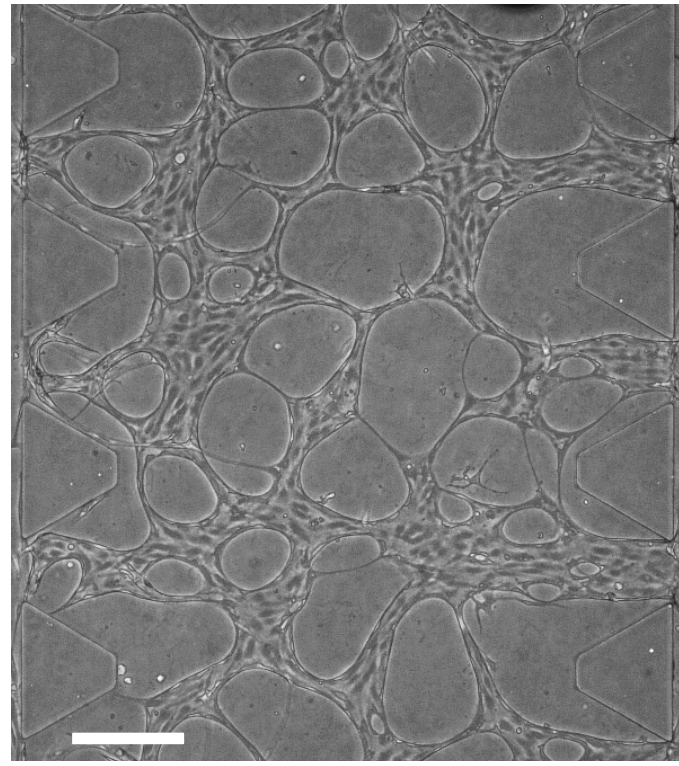
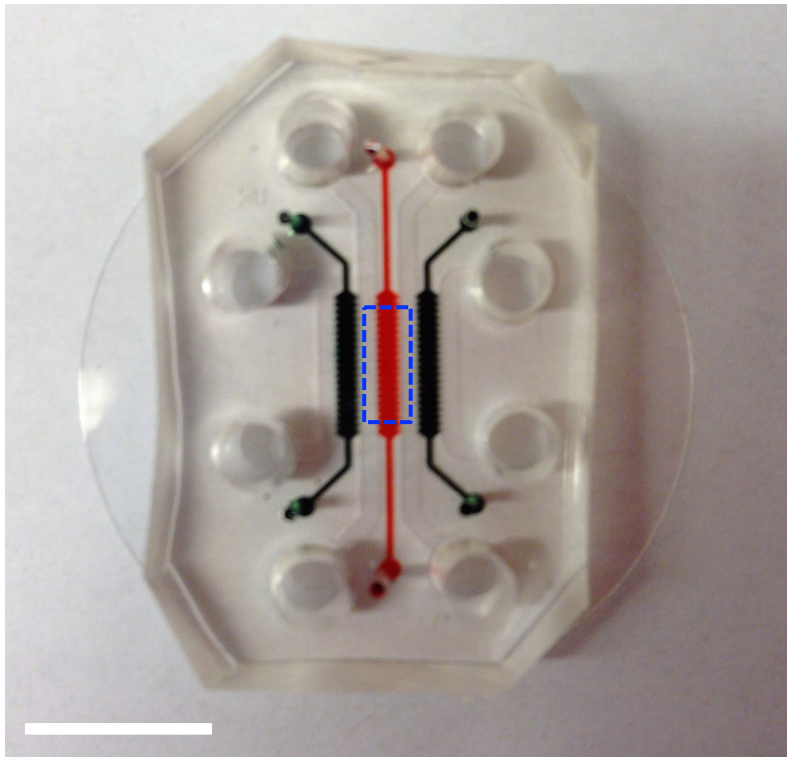
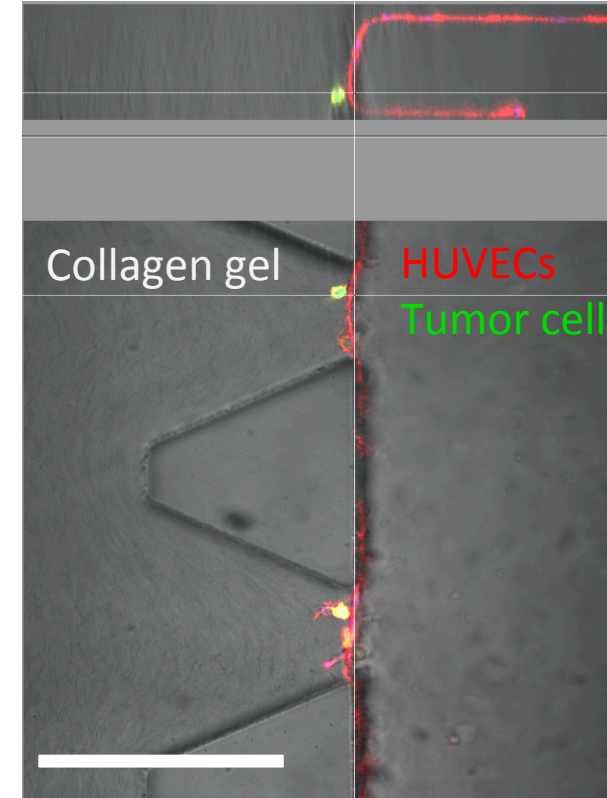
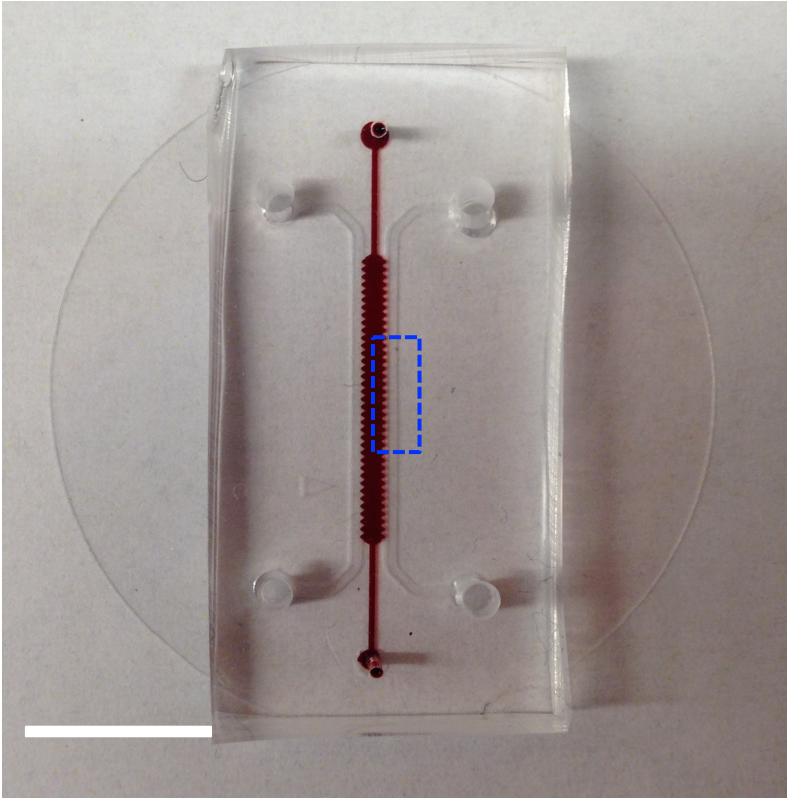
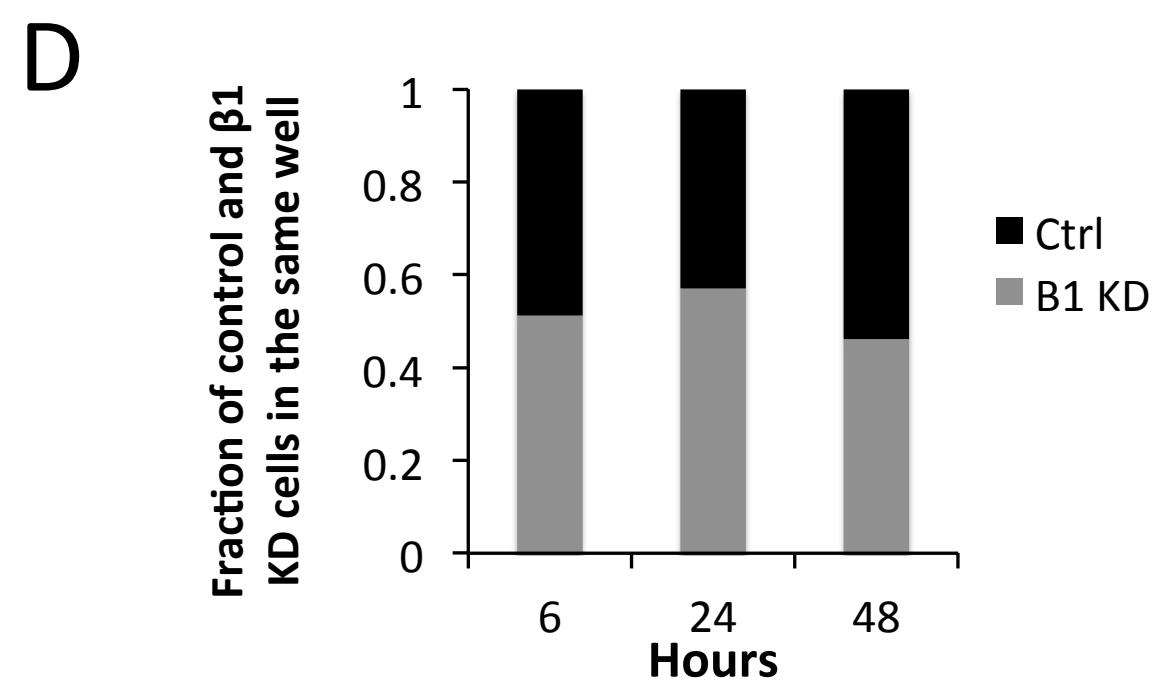
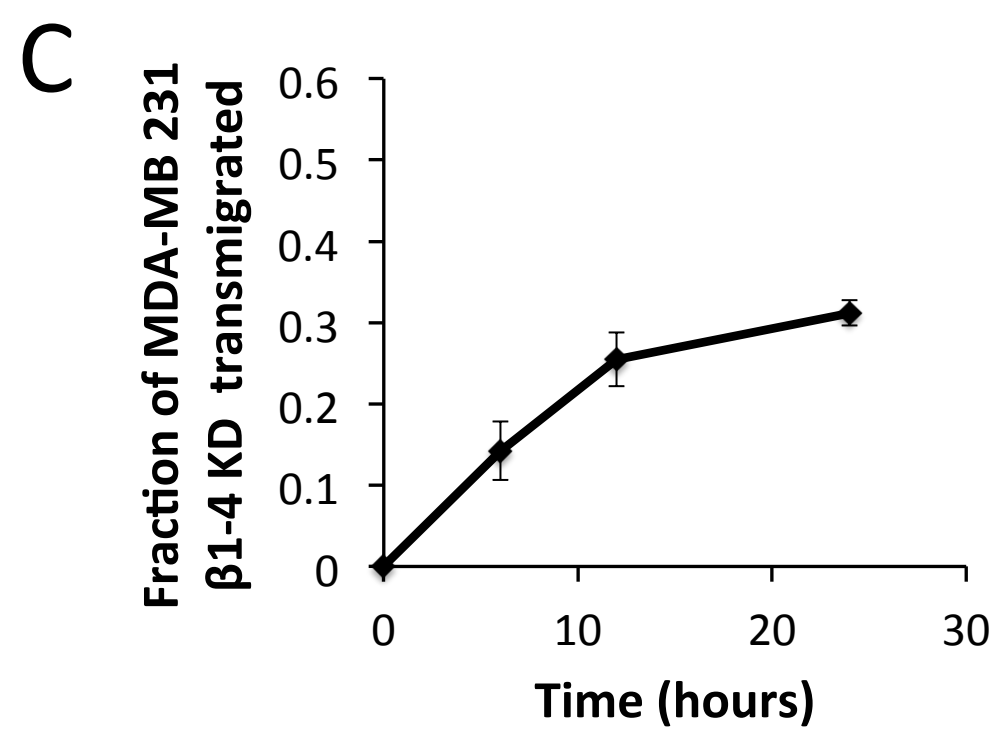
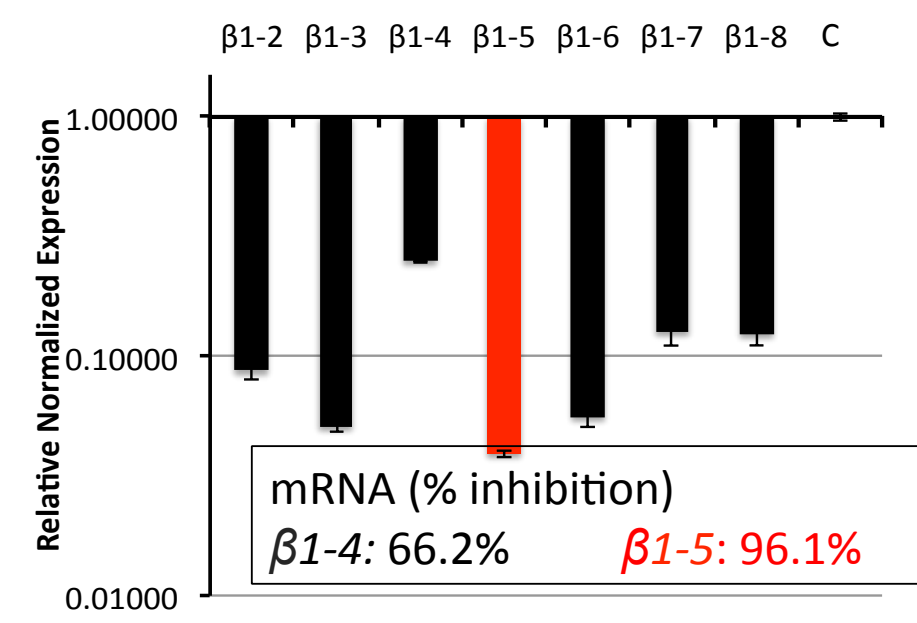
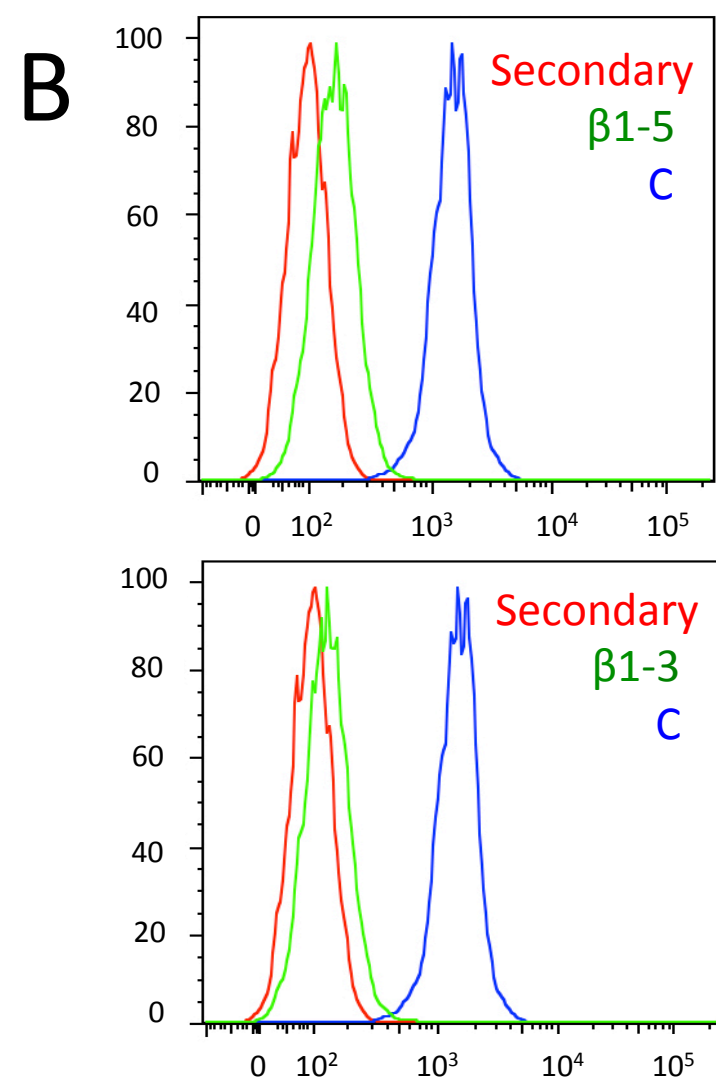
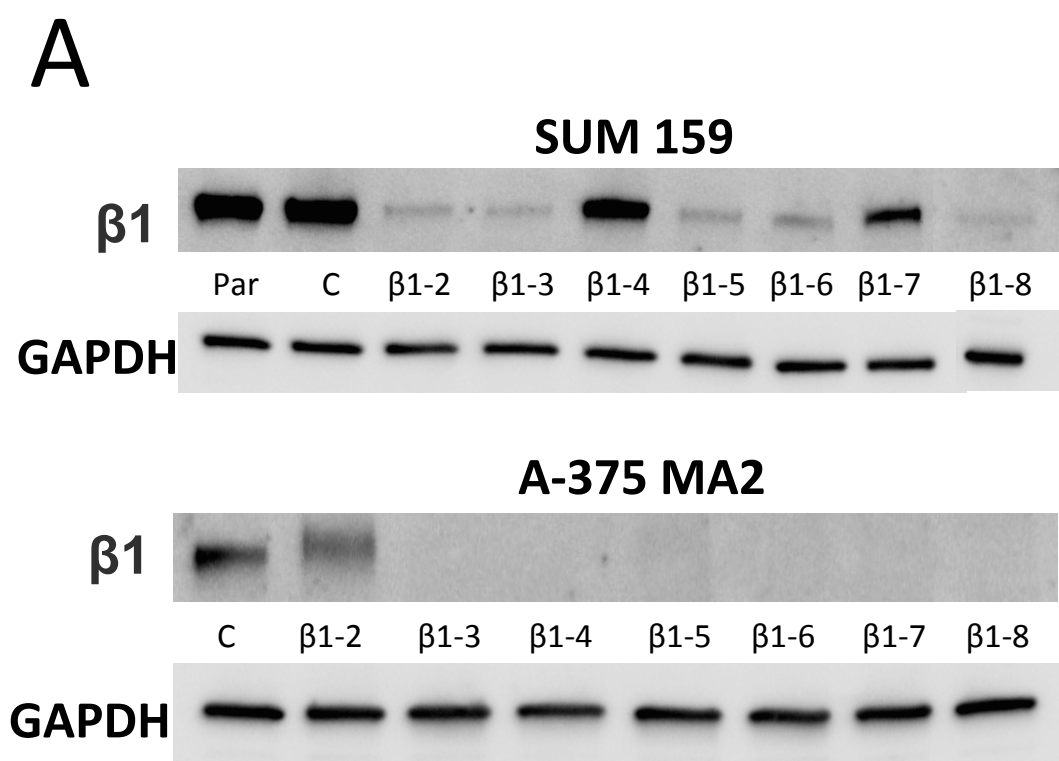


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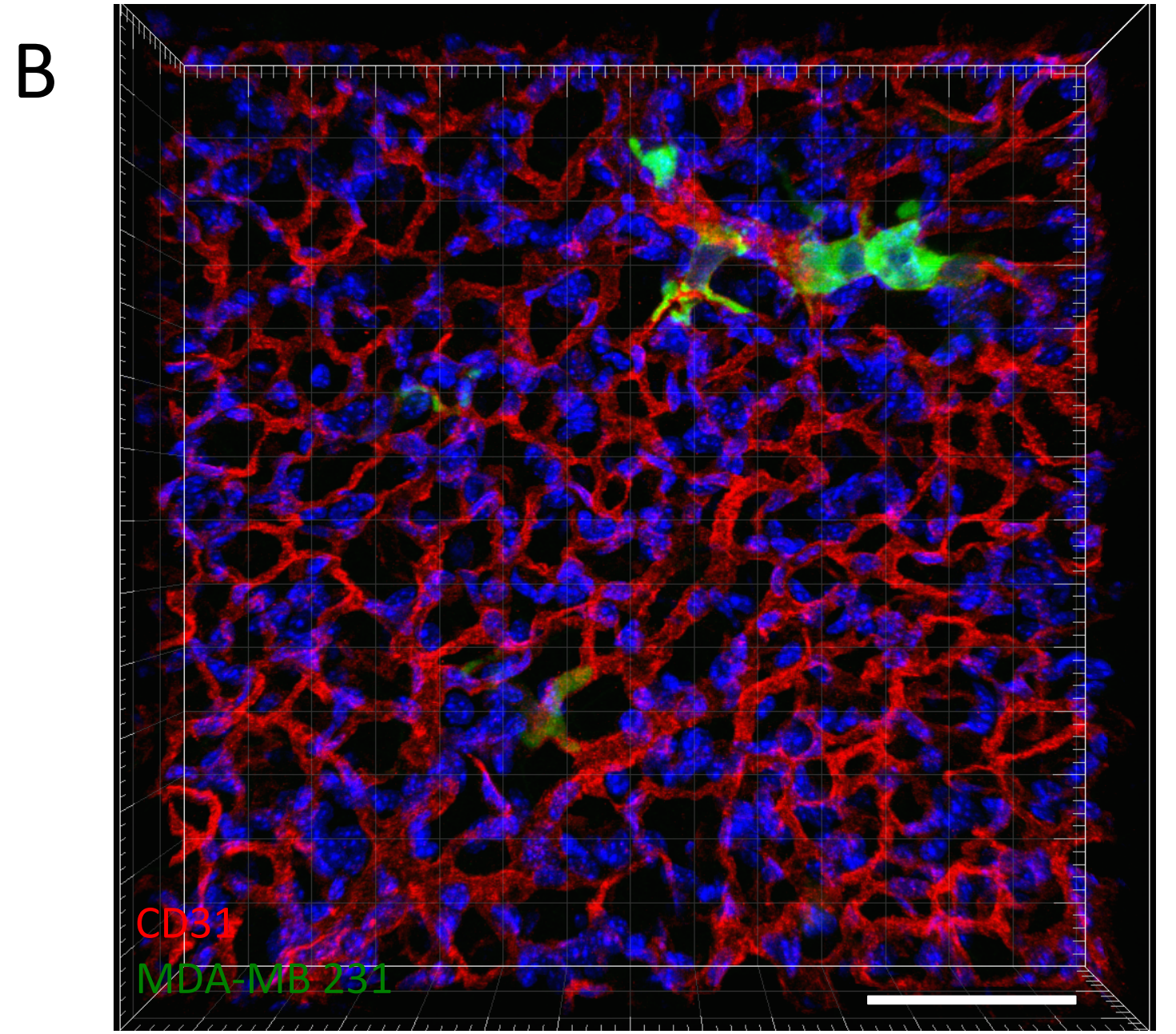
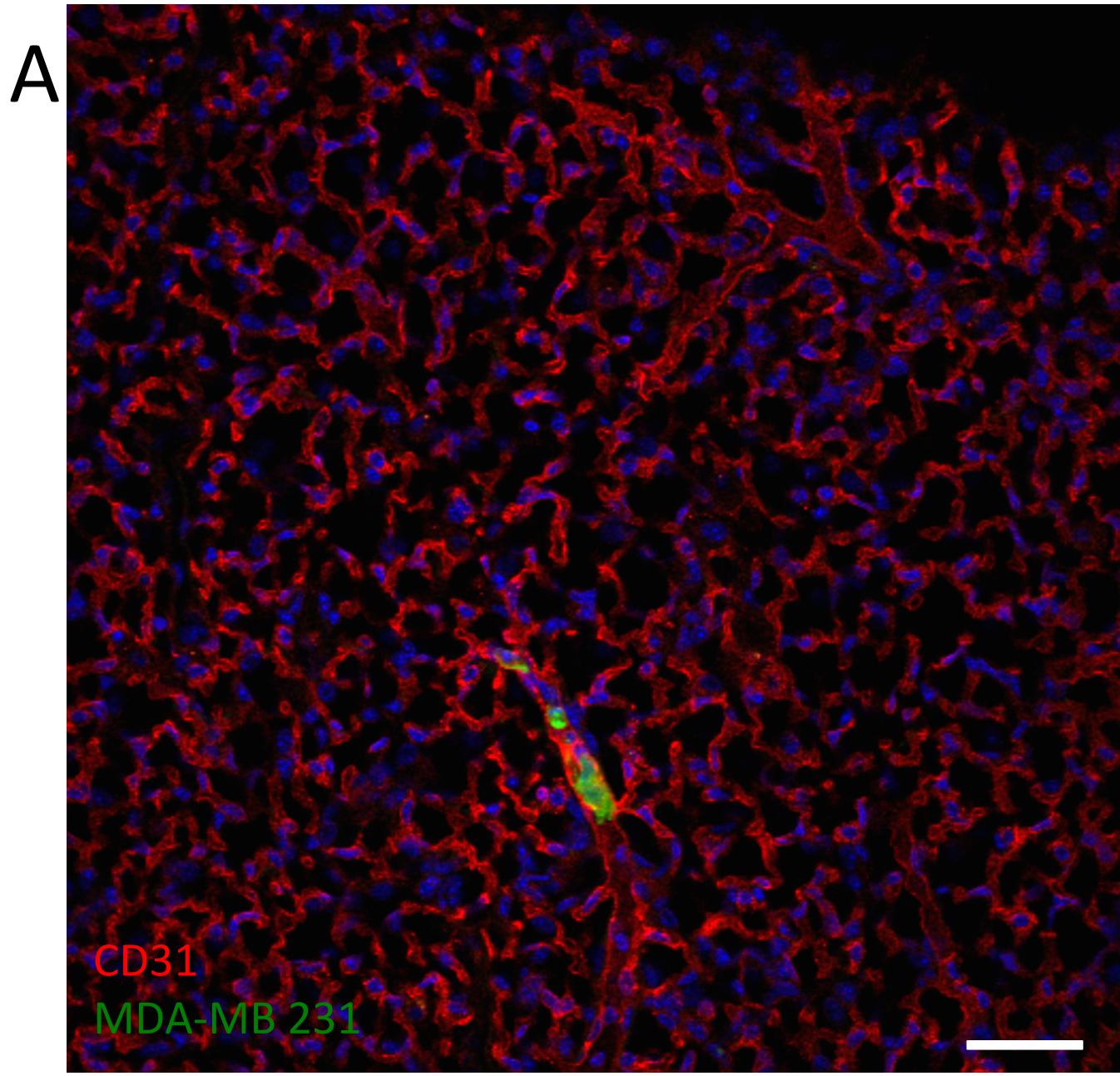
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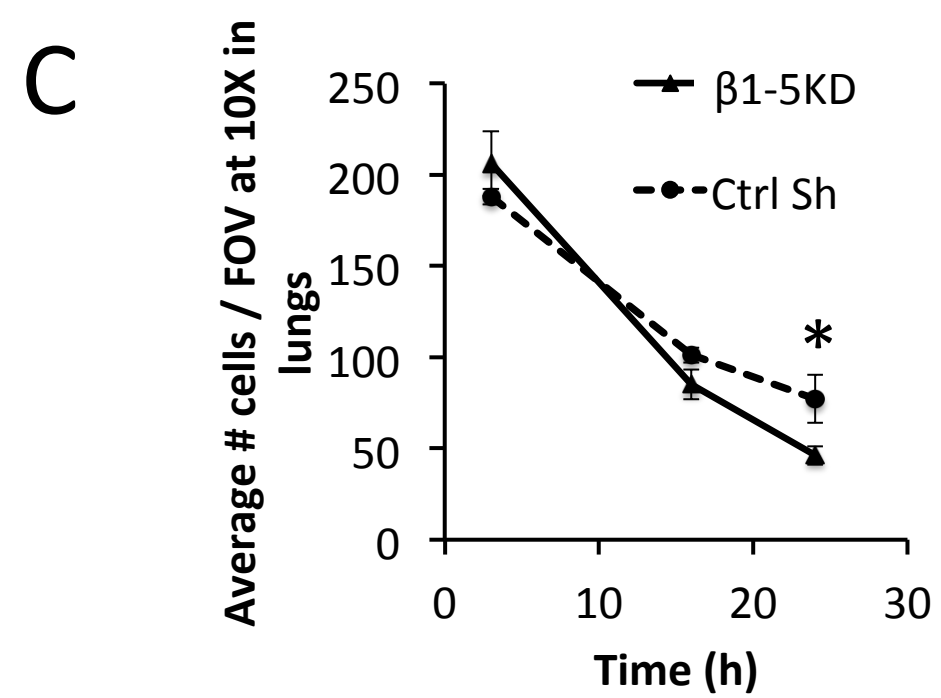
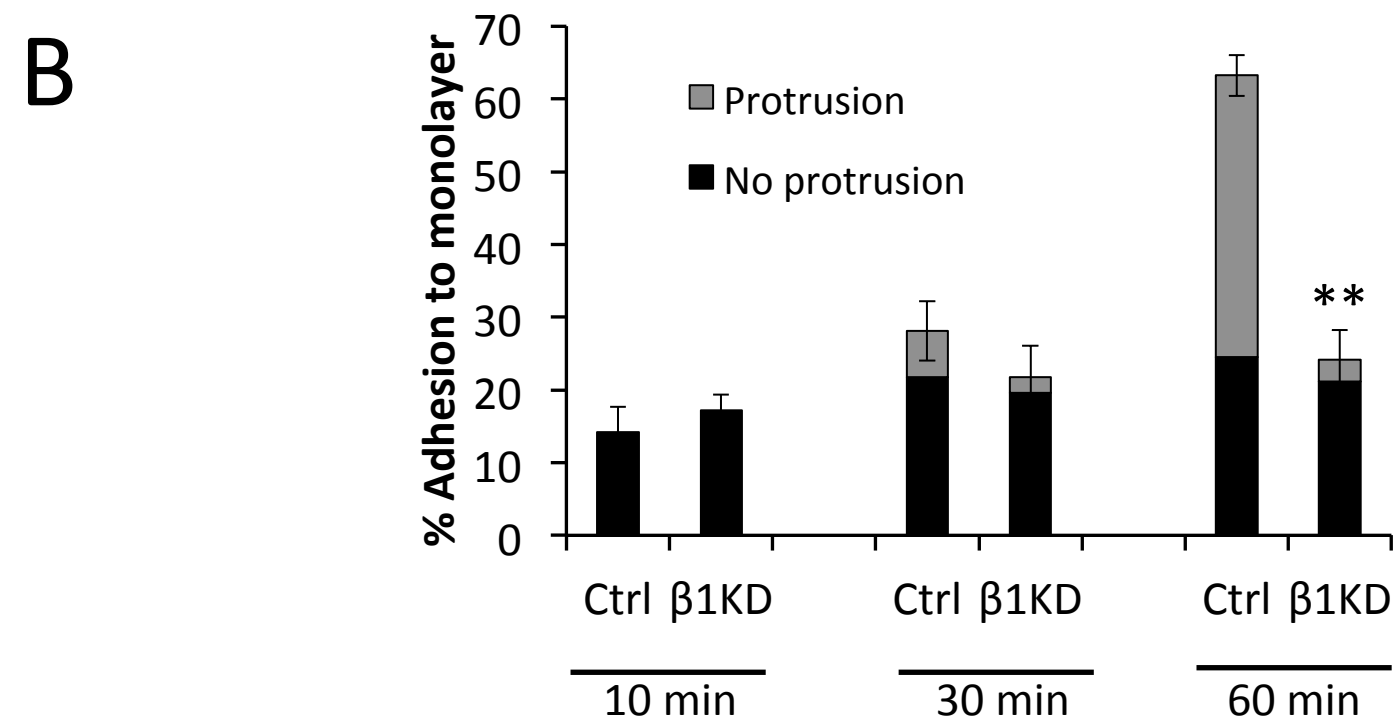
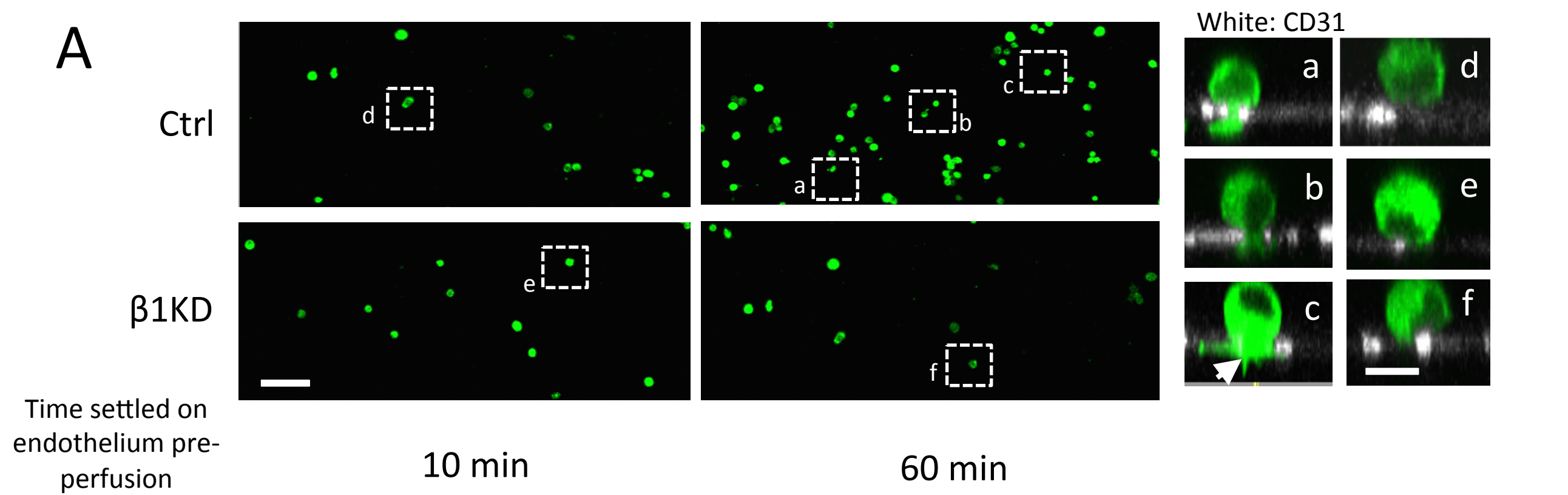
SI Fig 2





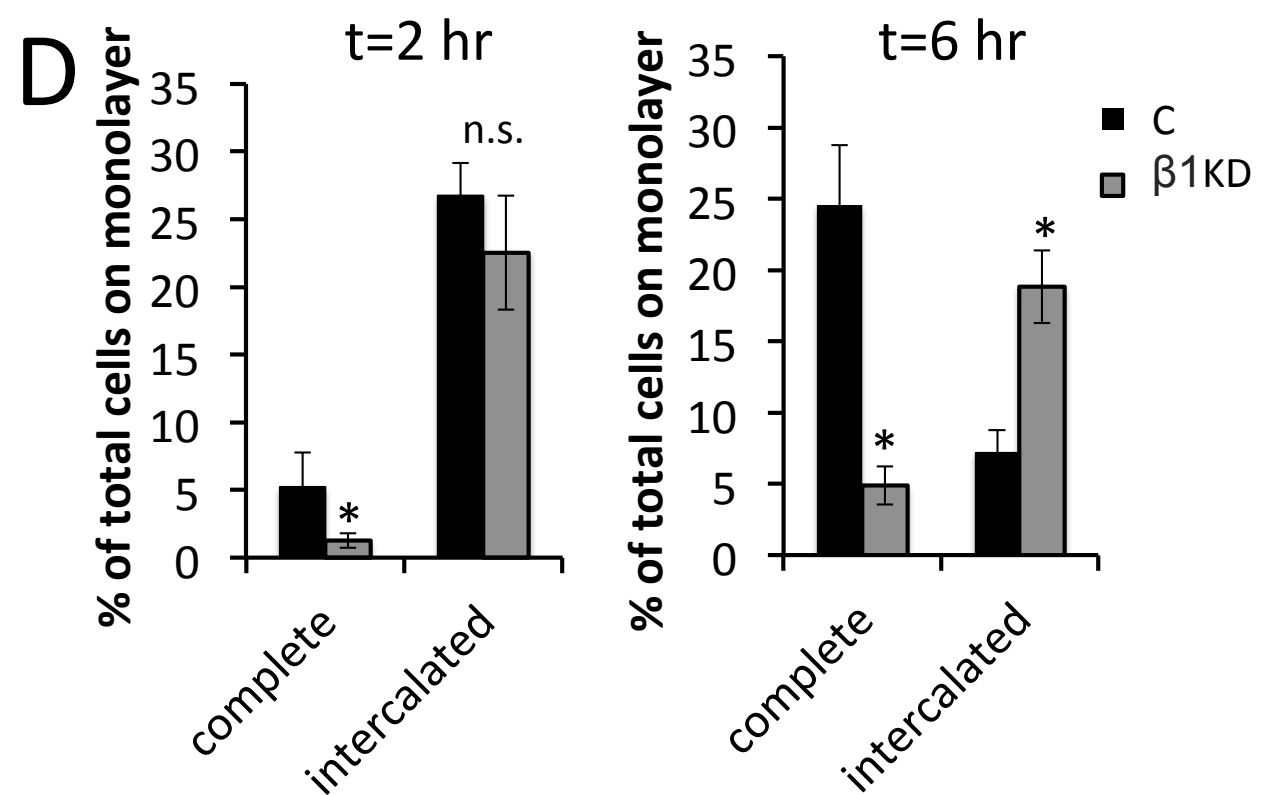
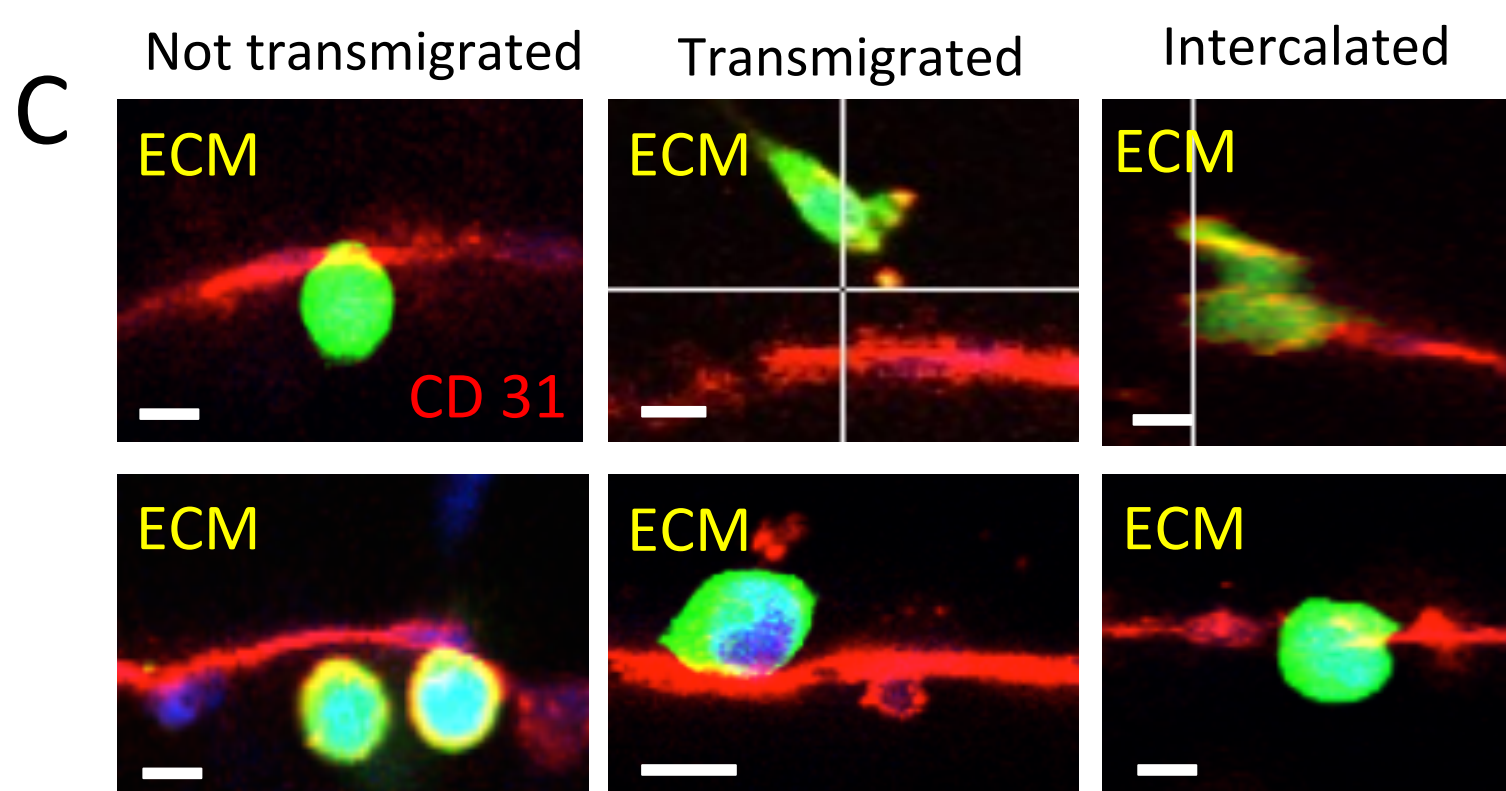
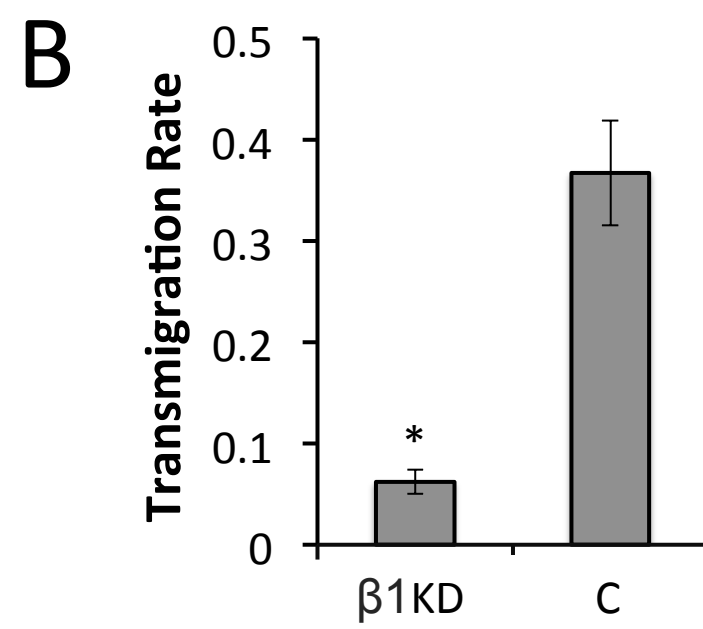
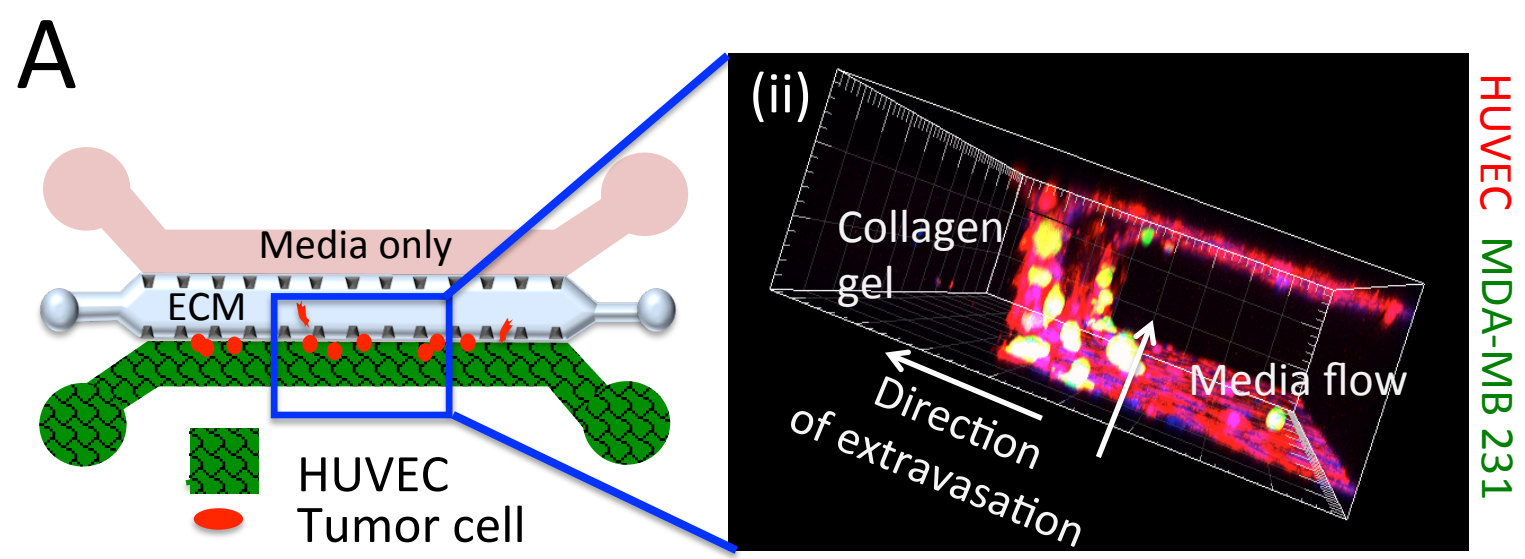
SI Fig 3



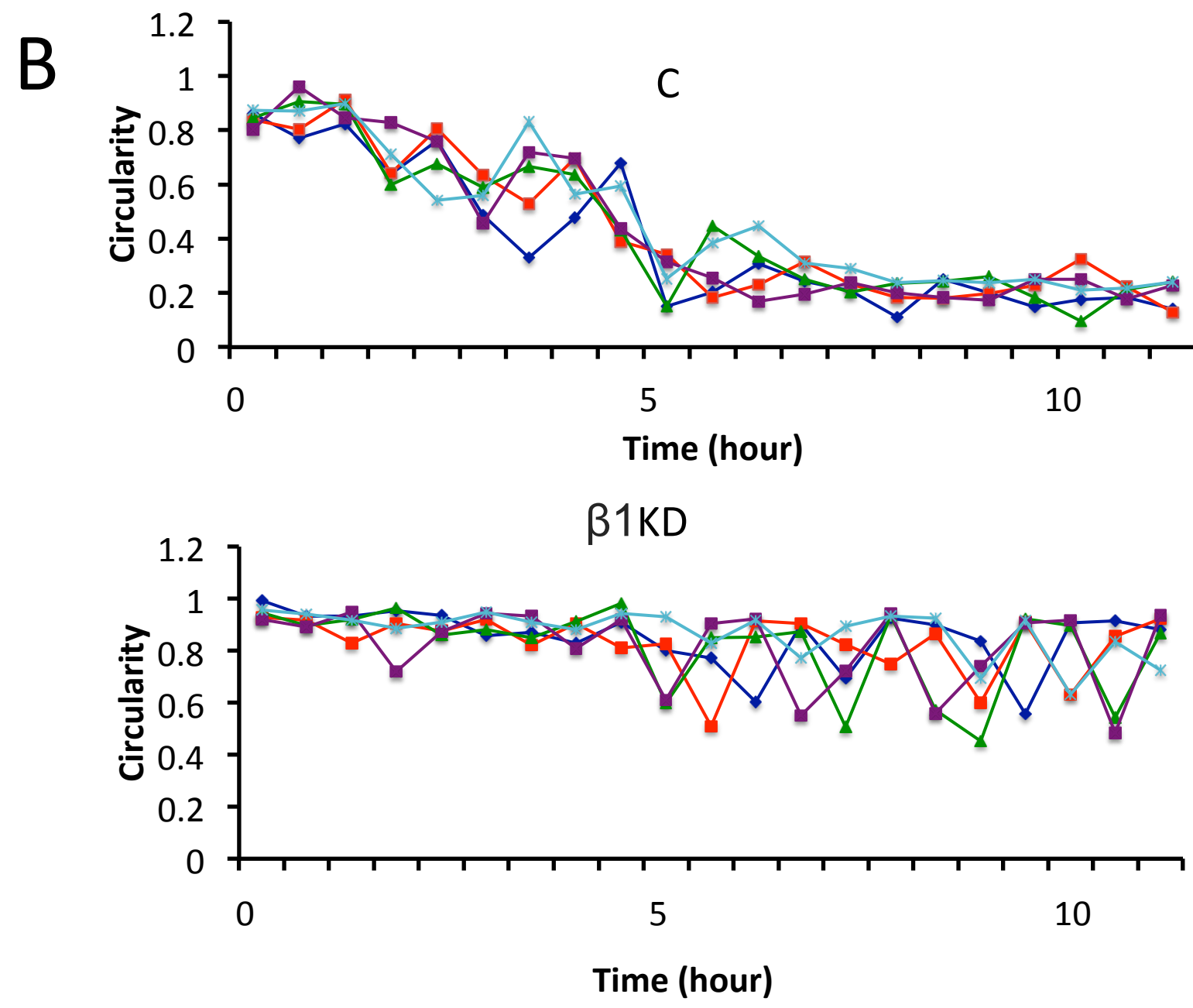
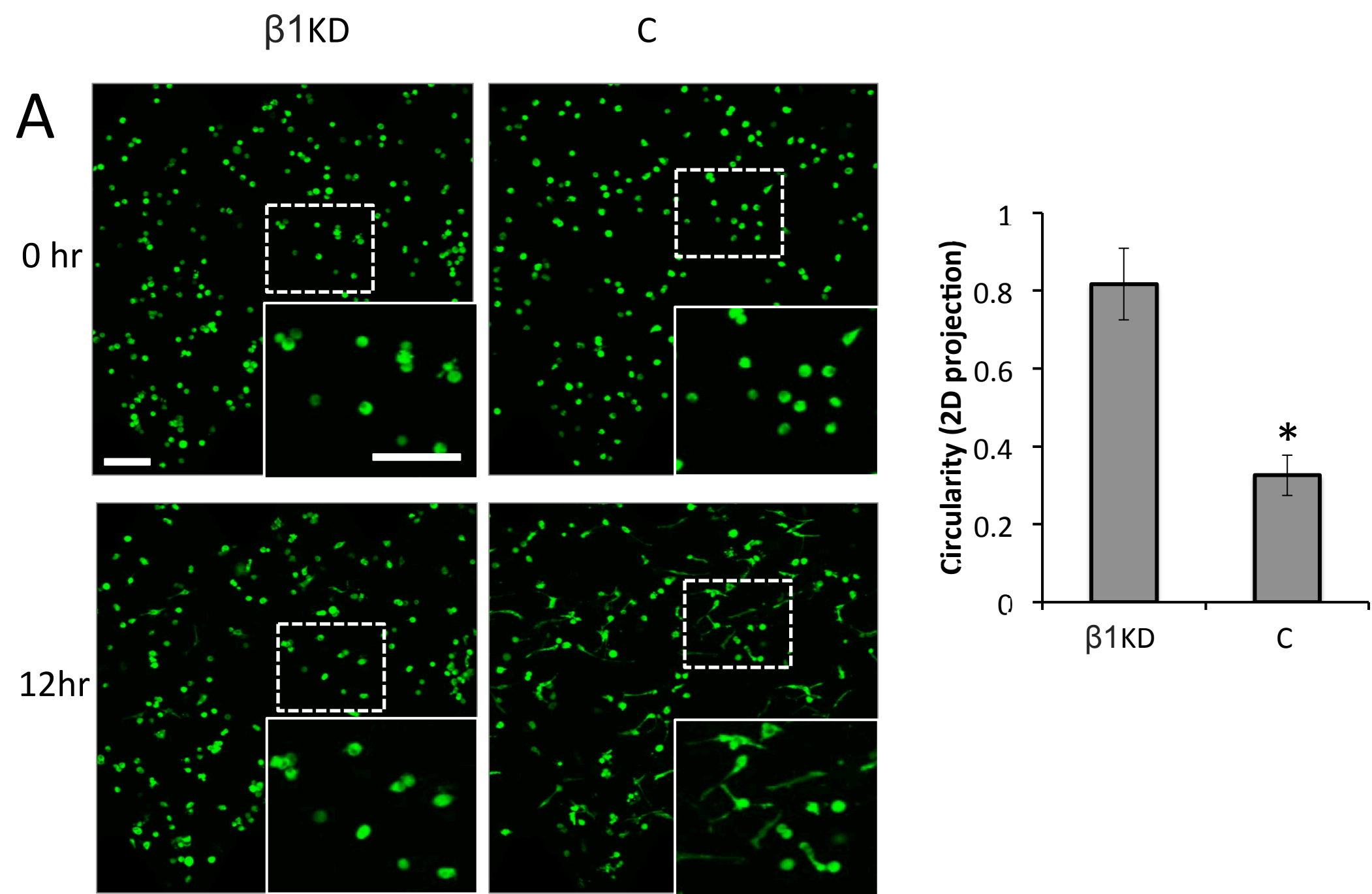


SI Fig 4





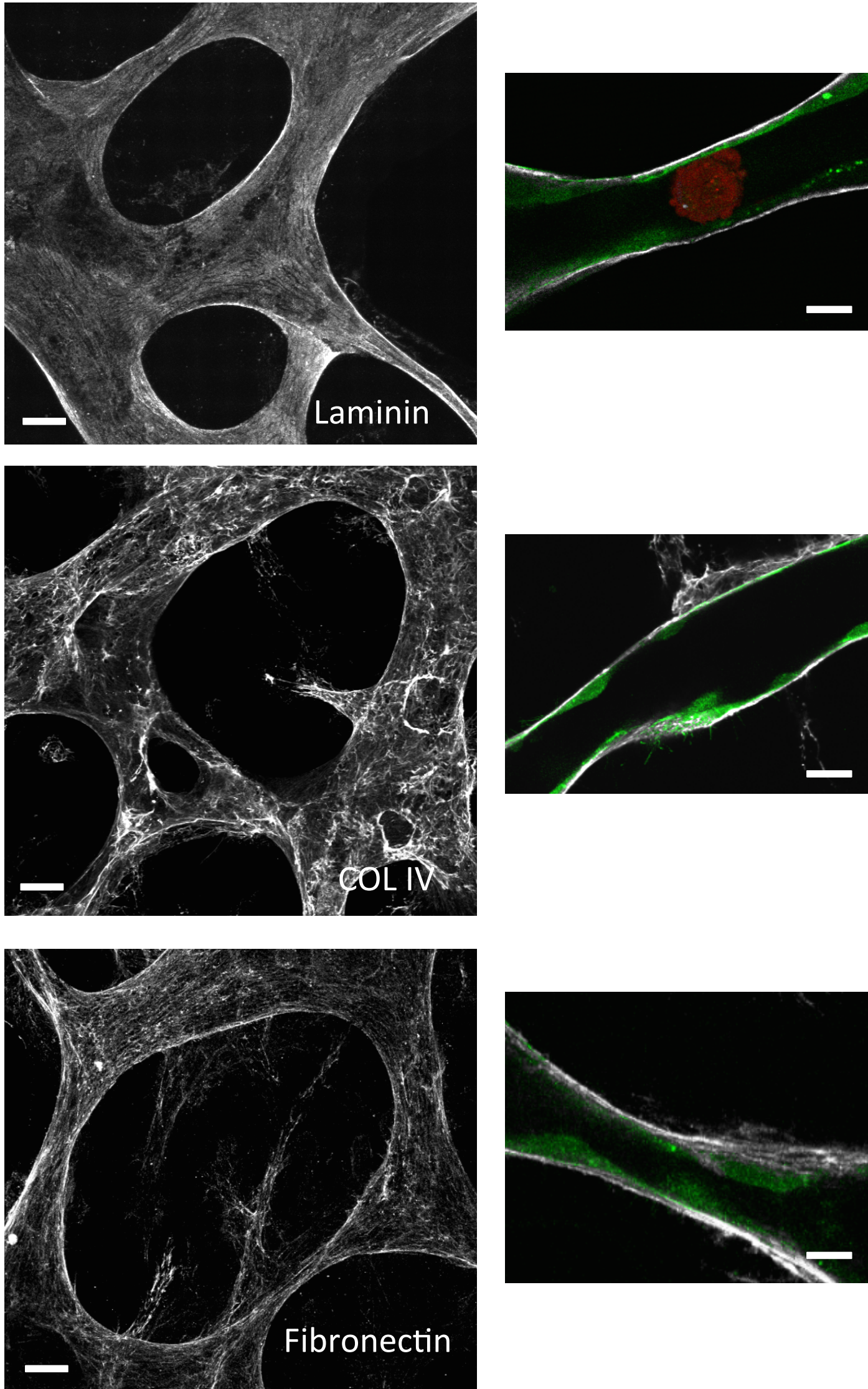
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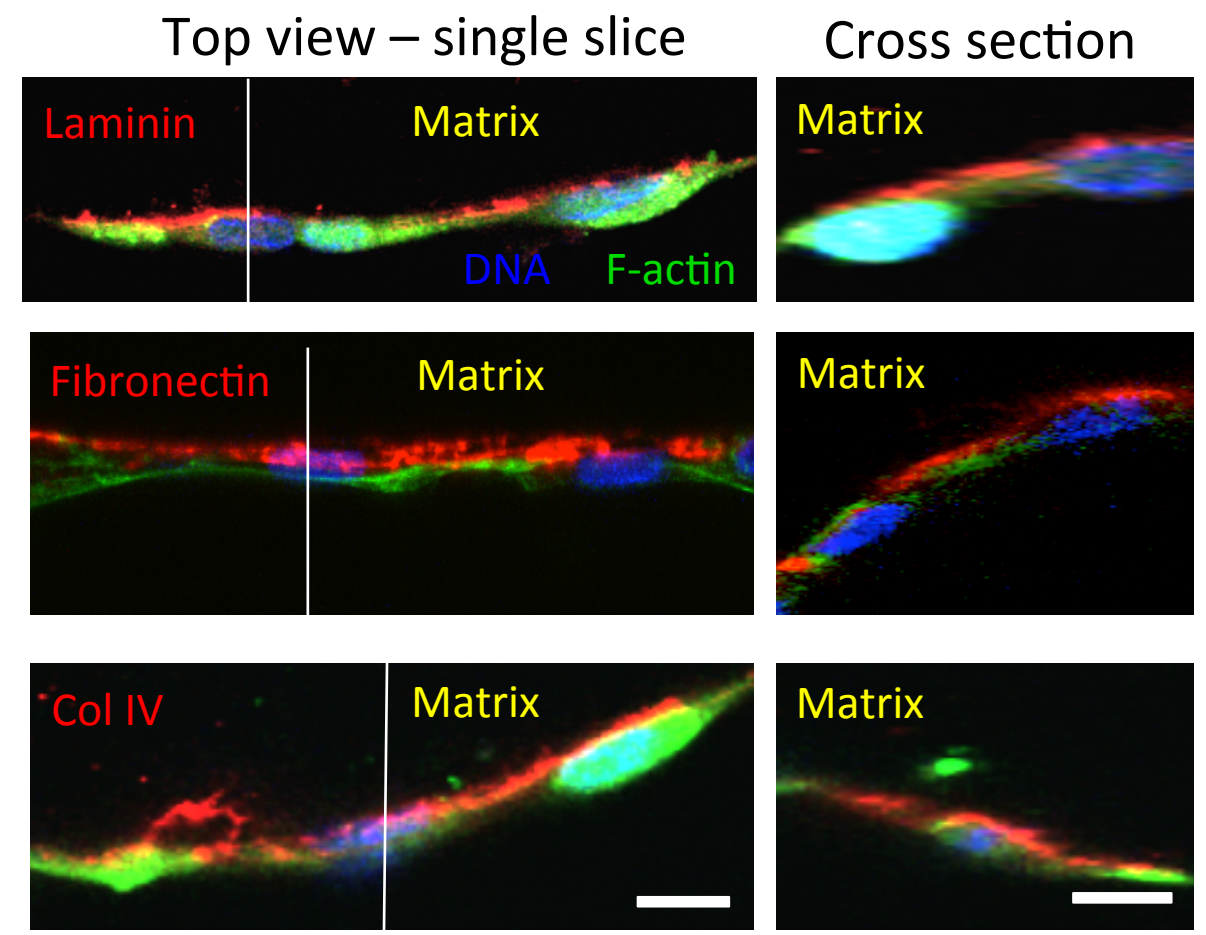
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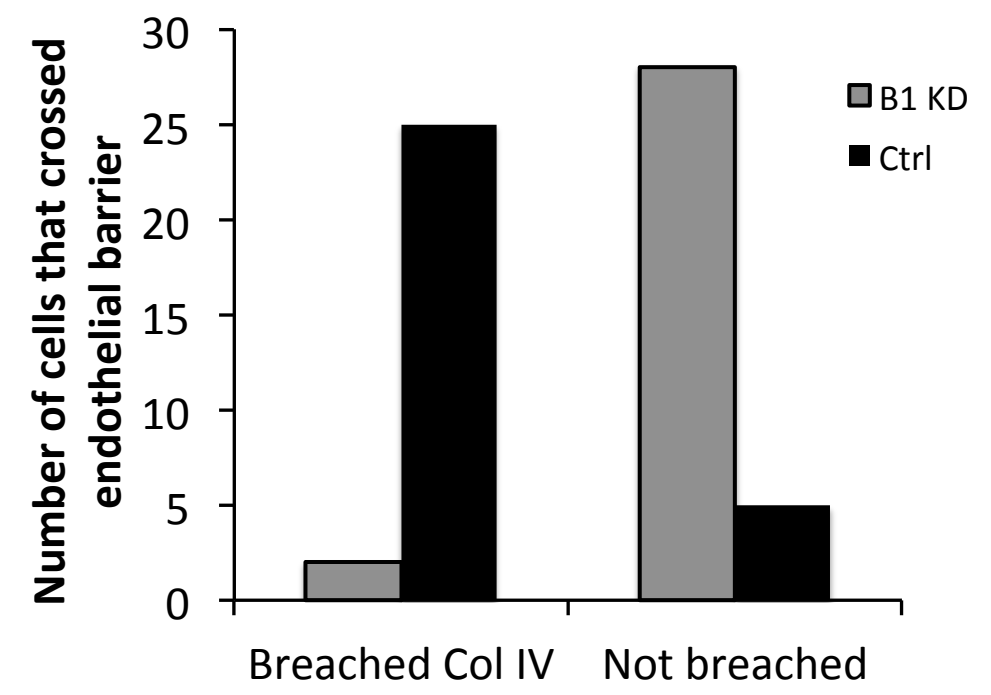
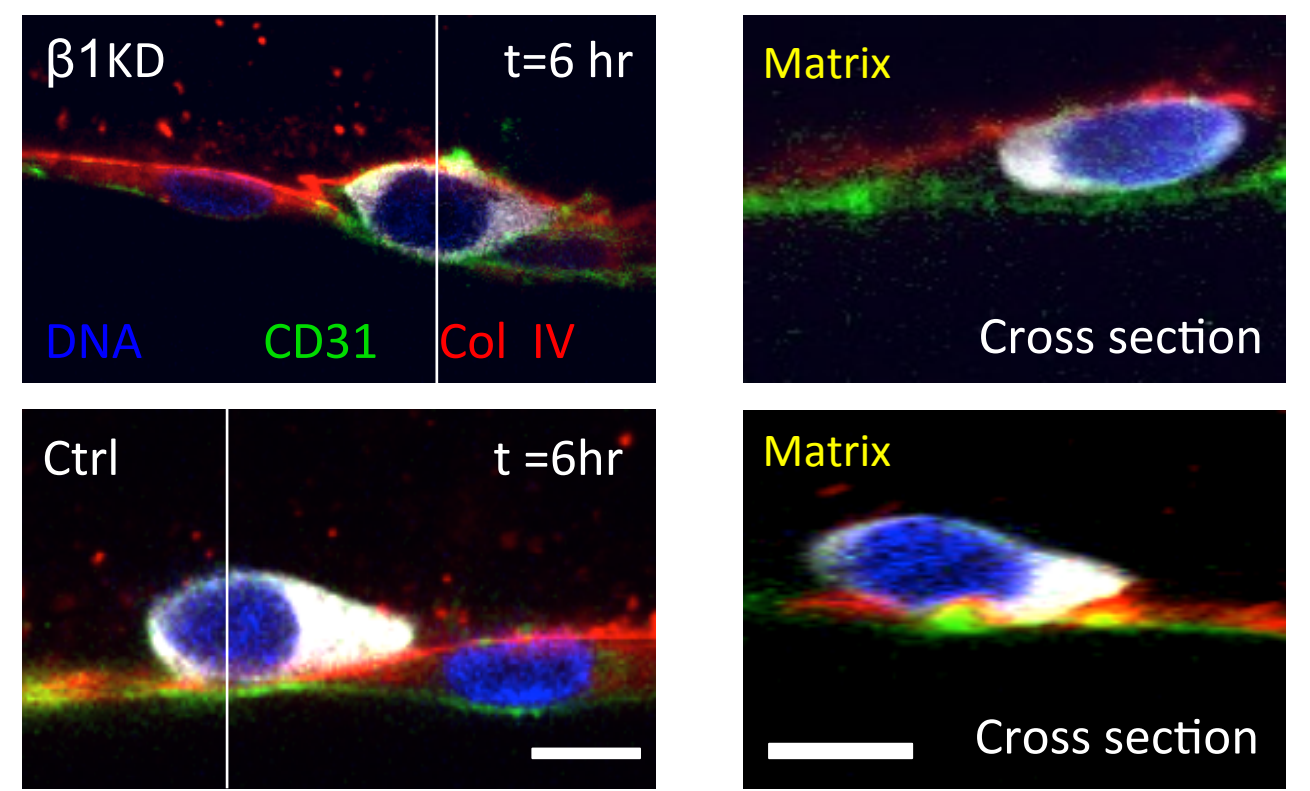
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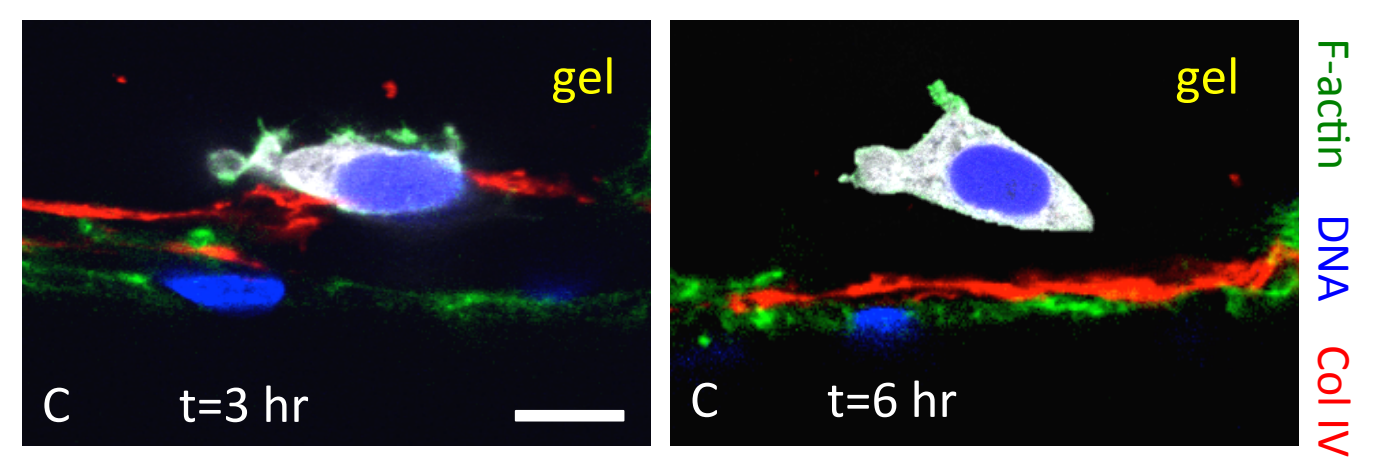
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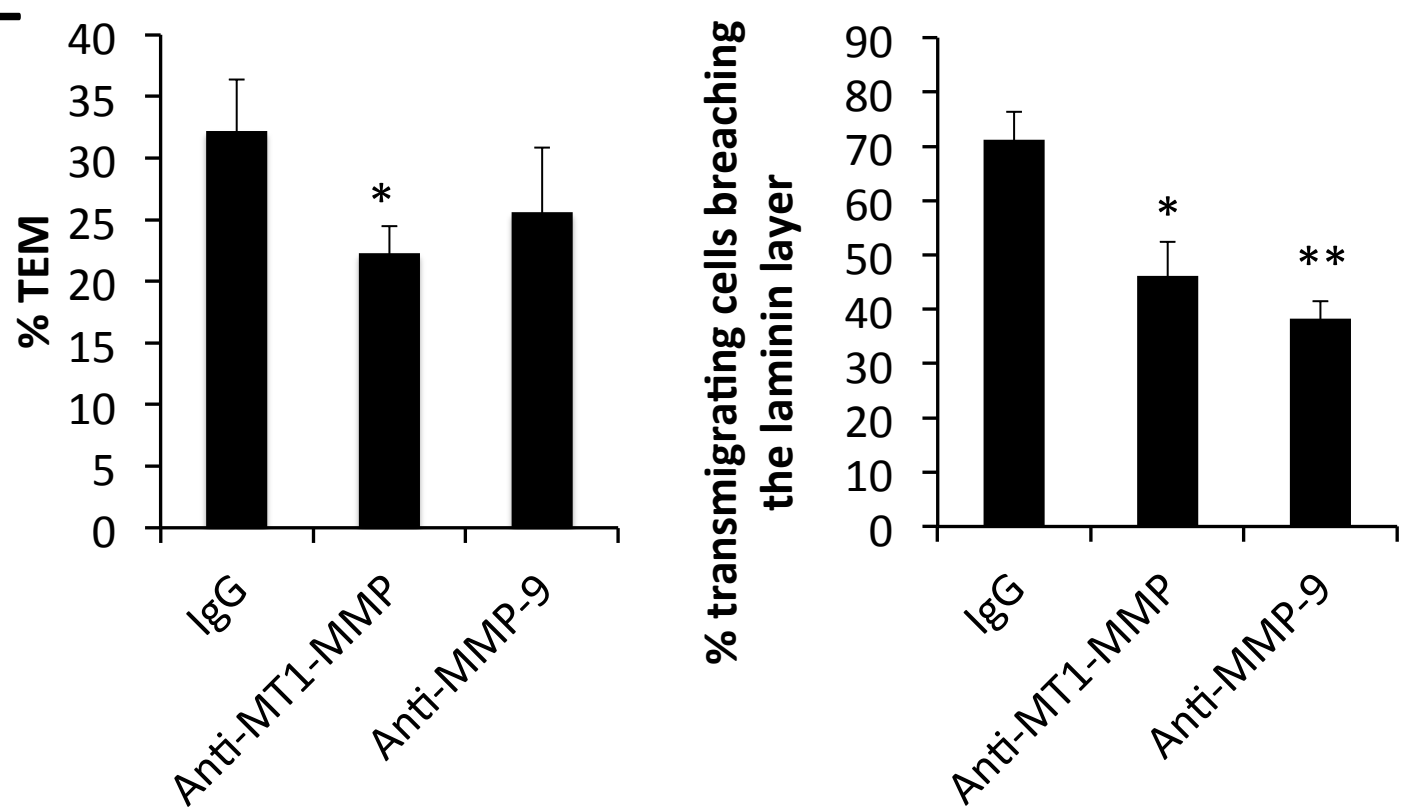
**C**



**D**

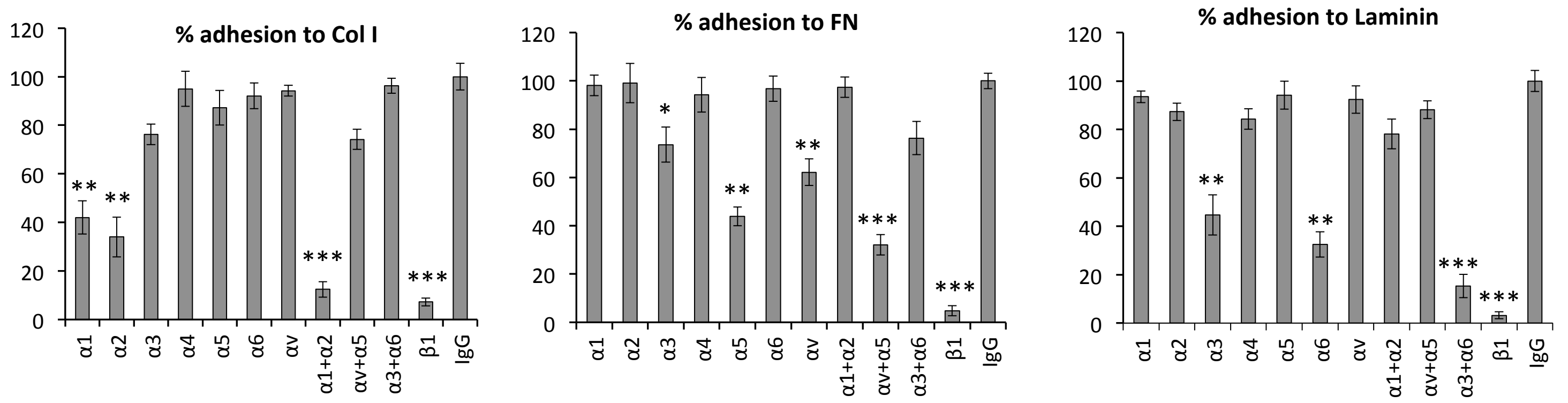


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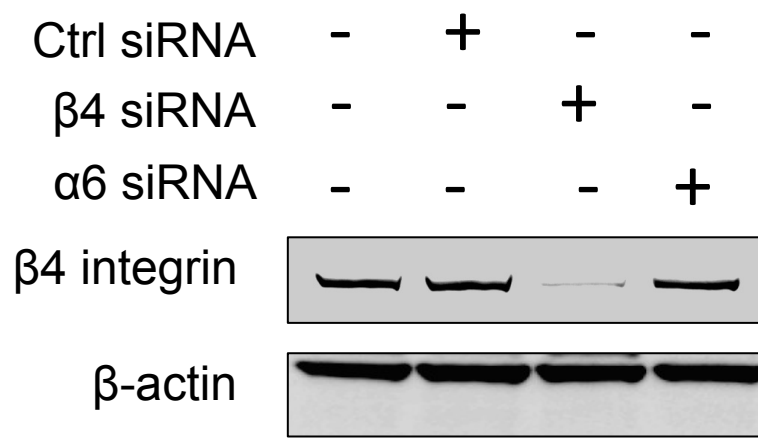
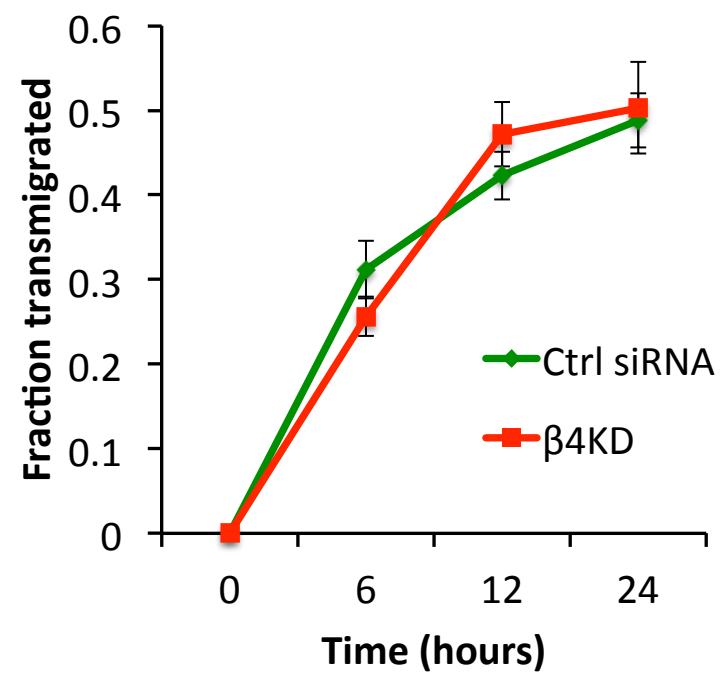




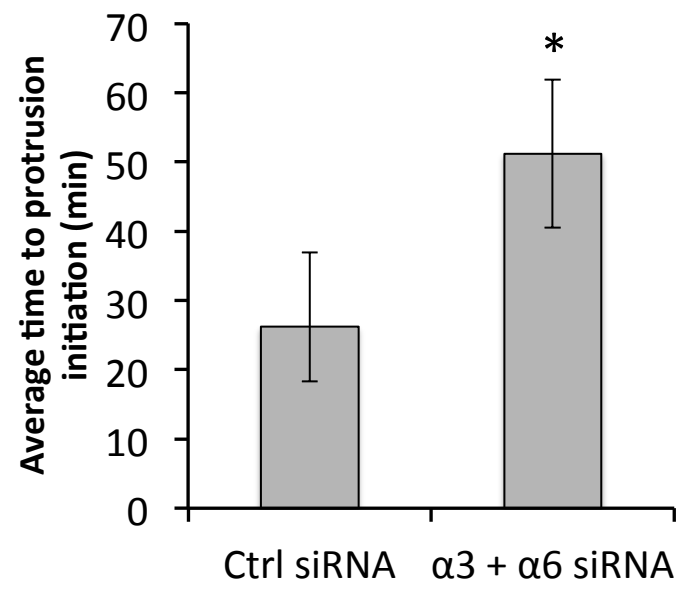
**A**



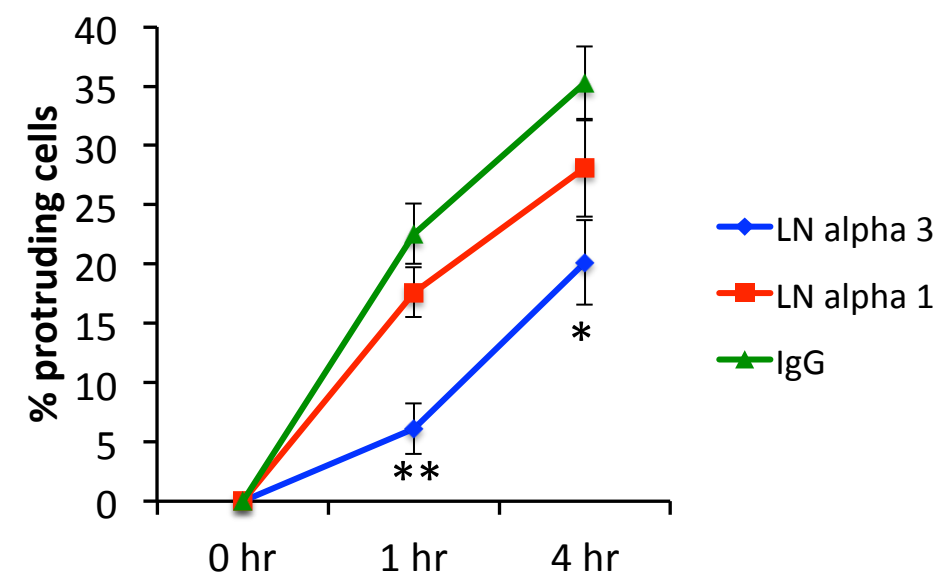
**B**



**C**



**D**



SI Fig 8



shRNA	Species	Sequence
<b>ITGB1-1</b>	Human	TGCTGTTGACAGTGAGCGCCAGATGAAAATAGATGTTAATAGTGAAGCCACAGATGTATTAACATCTATTTTCATCTGTTGCCTACTGCCTCGGA
<b>ITGB1-2</b>	Human	TGCTGTTGACAGTGAGCGCACCCGAGCAATTTTCTGCTAAATAGTGAAGCCACAGATGTATTTAGCAGAAAATTGCTCGGTTTGCCTACTGCCTCGGA
<b>ITGB1-3</b>	Human	TGCTGTTGACAGTGAGCGCCCGAGCAATTTTCTGCTAAAATAGTGAAGCCACAGATGTATTTAGCAGAAAATTGCTCGGTTGCCTACTGCCTCGGA
<b>ITGB1-4</b>	Human	TGCTGTTGACAGTGAGCGACCCGGTAAAATCCTATTTATATAGTGAAGCCACAGATGTATATAAATAGGATTTTACCCGGCTGCCTACTGCCTCGGA
<b>ITGB1-5</b>	Human	TGCTGTTGACAGTGAGCGCTCCACAACTGAATGCAAATAGTGAAGCCACAGATGTATTTGCATTGAGTTGTTGGGATTGCCTACTGCCTCGGA
<b>ITGB1-6</b>	Human	TGCTGTTGACAGTGAGCGAAAGAGGGATAATACAAATGAATAGTGAAGCCACAGATGTATTCATTTGATTATCCCTCTTGCCTACTGCCTCGGA
<b>ITGB1-7</b>	Human	TGCTGTTGACAGTGAGCGAAGCCACAGACATTTACATTAATAGTGAAGCCACAGATGTATTAATGAAATGCTGTGGCTCTGCCTACTGCCTCGGA
<b>ITGB1-8</b>	Human	TGCTGTTGACAGTGAGCGCCGGTAAAATCCTATTTATATAGTGAAGCCACAGATGTATATAAATAGGATTTTACCCGGTGCCTACTGCCTCGGA
<b>ITGB3-1</b>	Human	TGCTGTTGACAGTGAGCGCTCCAACATTTGTTAATAGTTATAGTGAAGCCACAGATGTATACTATTAACAAATGTTGGAATGCCTACTGCCTCGGA
<b>ITGB3-2</b>	Human	TGCTGTTGACAGTGAGCGACCCGCTTCAATGAGGAAGTGAATAGTGAAGCCACAGATGTATTCACCTCCTCATTGAAGCGGGTGCCTACTGCCTCGGA
<b>ITGB3-3</b>	Human	TGCTGTTGACAGTGAGCGAAAGAGCAGATGTCATTCCATATAGTGAAGCCACAGATGTATATGGAATGACATCTGCTCTTGTGCCTACTGCCTCGGA
<b>ITGB3-4</b>	Human	TGCTGTTGACAGTGAGCGATACCCTGAGTTCATAAATTTATAGTGAAGCCACAGATGTATAAATTTATGAAGTACAGGTTAGTGCCTACTGCCTCGGA
<b>ITGB3-5</b>	Human	TGCTGTTGACAGTGAGCGACCCTGCTACCTTACCAATATAGTGAAGCCACAGATGTATATTGGTGAAGGTAGACGTGGCTGCCTACTGCCTCGGA
<b>ITGB3-6</b>	Human	TGCTGTTGACAGTGAGCGCCCGCTACTACTGCAACTGTATAGTGAAGCCACAGATGTATACAGTTGACAGTAGTAGCCGGTGCCTACTGCCTCGGA
<b>ITGB3-7</b>	Human	TGCTGTTGACAGTGAGCGCAAGGGAGAGAGTGTATTGTATAGTGAAGCCACAGATGTATACAATAGCACTCTCTCCCTTTTGCCTACTGCCTCGGA
<b>ITGB3-8</b>	Human	TGCTGTTGACAGTGAGCGCTGGCAGTATGGTAGAGGGATATAGTGAAGCCACAGATGTATATCCCTCTACCATACTGCCATTGCCTACTGCCTCGGA
<b>Firefly Luciferase (FF)</b>		AAGGTATATTGCTGTTGACAGTGAGCGAGCTCCCGTGAATTGGAATCCTAGTGAAGCCACAGATGTAGGATTCCAATTCAGCGGGAGCCTGCCTACTGCCTCG
<b>ITGA1-2</b>	Mouse	TGCTGTTGACAGTGAGCGCCCAACAAAGTGAATATTCAATAGTGAAGCCACAGATGTATTGAATATTCACITTTGTTGGGTTGCCTACTGCCTCGGA
<b>ITGA1-3</b>	Mouse	TGCTGTTGACAGTGAGCGACCCGGCTAATGTTATATTGTATAGTGAAGCCACAGATGTATACAATATAACATTAGCCGGGGTGCCTACTGCCTCGGA
<b>ITGA1-5</b>	Mouse	TGCTGTTGACAGTGAGCGCCTGGATGGTCATCTTCTGATATAGTGAAGCCACAGATGTATATCAGAAGATGACCATCCAGTTGCCTACTGCCTCGGA
<b>ITGA2-2</b>	Mouse	TGCTGTTGACAGTGAGCGACCCGTGATCTTTCCTAAACAATAGTGAAGCCACAGATGTATTGTTAGGAAAGATCACGGGCTGCCTACTGCCTCGGA
<b>ITGA2-6</b>	Mouse	TGCTGTTGACAGTGAGCGACTGAAAGACCTTACATGAAATAGTGAAGCCACAGATGTATTTGATGGAAGGCTTTTACAGCTGCCTACTGCCTCGGA
<b>ITGA2-7</b>	Mouse	TGCTGTTGACAGTGAGCGCCAGGGCGATGGGATACTTCTATAGTGAAGCCACAGATGTATAGAAGATCCCATCGCCCTGTTGCCTACTGCCTCGGA
<b>ITGA3-1</b>	Mouse	TGCTGTTGACAGTGAGCGAATGGACAATGTTCCGATAAATAGTGAAGCCACAGATGTATTTATCGGAACATTGTCATCTGCCTACTGCCTCGGA
<b>ITGA3-6</b>	Mouse	TGCTGTTGACAGTGAGCGCCAGCTACATGATTGAGCGGAATAGTGAAGCCACAGATGTATCCGCTGAATCATGTAGCTGTTGCCTACTGCCTCGGA
<b>ITGA3-7</b>	Mouse	TGCTGTTGACAGTGAGCGCCCGGATTATGCCCAAGTACCATAGTGAAGCCACAGATGTATGGTACTTGGGCATAATCCGGTGCCTACTGCCTCGGA
<b>ITGA4-1</b>	Mouse	TGCTGTTGACAGTGAGCGCGGGCATCATGTGATCACCAAATAGTGAAGCCACAGATGTATTTGGTGATCACATGATGCCATGCCTACTGCCTCGGA
<b>ITGA4-2</b>	Mouse	TGCTGTTGACAGTGAGCGCCGACATTTCCATCATTATTTAGTGAAGCCACAGATGTAAATAATGATGGTGAATGTCGTTGCCTACTGCCTCGGA
<b>ITGA6-1</b>	Mouse	TGCTGTTGACAGTGAGCGCCACCACAGATCTGGATATTAATAGTGAAGCCACAGATGTATTAATATCCAGATCTGTGGTGTGCCTACTGCCTCGGA
<b>ITGA6-2</b>	Mouse	TGCTGTTGACAGTGAGCGCCGATGCATAGTATTGATCTATAGTGAAGCCACAGATGTATAGATCAATACTATGCATCGGATGCCTACTGCCTCGGA
<b>ITGA6-6</b>	Mouse	TGCTGTTGACAGTGAGCGCTAGGGTGAATTAAGTGAAGCCACAGATGTATTGCCTAAGTTAATCACCCATGCCTACTGCCTCGGA
<b>ITGA8-2</b>	Mouse	TGCTGTTGACAGTGAGCGAAACCTATAGAATTTAAATCAATAGTGAAGCCACAGATGTATTGATTTAAATCTATAGGTTCTGCCTACTGCCTCGGA
<b>ITGA8-3</b>	Mouse	TGCTGTTGACAGTGAGCGCTGGATGATTCTACCTTTAAATAGTGAAGCCACAGATGTATTTAAAGGTAGAATCATCCAAATGCCTACTGCCTCGGA
<b>ITGA8-5</b>	Mouse	TGCTGTTGACAGTGAGCGCCAGATAATTATTGGCGATGAATAGTGAAGCCACAGATGTATTCATCGCCAATAATTATCTGATGCCTACTGCCTCGGA
<b>ITGAV-9</b>	Mouse	TGCTGTTGACAGTGAGCGCCTGCATTGTGCTTATTGTATTAGTGAAGCCACAGATGTAAACAATAAGACACAATGCAGATGCCTACTGCCTCGGA
<b>ITGAV-10</b>	Mouse	TGCTGTTGACAGTGAGCGCGCATAGTACCTCTTCACTTAGTGAAGCCACAGATGTAGTAACTGAAGAGGTAATGCCTACTGCCTCGGA
<b>ITGB1-4</b>	Mouse	TGCTGTTGACAGTGAGCGACCCAGACGGAGTAAACAATAAATAGTGAAGCCACAGATGTAAATTTATTGTTACTCCGTCTGGCTGCCTACTGCCTCGGA
<b>ITGB1-5</b>	Mouse	TGCTGTTGACAGTGAGCGCGGCTCTCAAATAAAGAAATAGTGAAGCCACAGATGTATTTCTTATAGTTTGGAGAGCTTGCCTACTGCCTCGGA
<b>ITGB2-1</b>	Mouse	TGCTGTTGACAGTGAGCGCGCCATCTTTGCGGTGACAAATAGTGAAGCCACAGATGTATTTGTCACCGCAAAGATGGGCTTGCCTACTGCCTCGGA
<b>ITGB2-4</b>	Mouse	TGCTGTTGACAGTGAGCGAGGAAGGCTGTTGGATACTTATAGTGAAGCCACAGATGTATAAGTTATCCAACAGCCTTCCGTGCCTACTGCCTCGGA
<b>ITGB2-5</b>	Mouse	TGCTGTTGACAGTGAGCGAGGAAACAGCTATCTCCACAAATAGTGAAGCCACAGATGTATTTGTGGAGATAGCTGTTCCGTGCCTACTGCCTCGGA
<b>ITGB3-2</b>	Mouse	TGCTGTTGACAGTGAGCGCGCAAAACCCGCTGTATAAATAGTGAAGCCACAGATGTATTTATACAGCGGGTGTGTTGCTTGCCTACTGCCTCGGA
<b>ITGB3-3</b>	Mouse	TGCTGTTGACAGTGAGCGACCTCTCAGATGCGCAAGCTTATAGTGAAGCCACAGATGTATAAGCTTGCATCTGAGAGGCTGCCTACTGCCTCGGA
<b>ITGB3-9</b>	Mouse	TGCTGTTGACAGTGAGCGAGCAGGCATTGTCTGCCCAATAGTGAAGCCACAGATGTAAATGGGCAGGACAATGCCTGCCTACTGCCTCGGA
<b>ITGB3-10</b>	Mouse	TGCTGTTGACAGTGAGCGAGGAAGGAATTTGCTAAATTTGATAGTGAAGCCACAGATGTACAAATTTAGCAAATTCCTTCCGTGCCTACTGCCTCGGA
<b>ITGB4-4</b>	Mouse	TGCTGTTGACAGTGAGCGACAGGGTGGAGAAGACTACGAATAGTGAAGCCACAGATGTATTCGTAGTCTTCCACCCTGGTGCCTACTGCCTCGGA
<b>ITGB4-7</b>	Mouse	TGCTGTTGACAGTGAGCGAAGGGTGGAGAAGACTACGAATAGTGAAGCCACAGATGTATTCGTAGTCTTCCACCCTGTGCCTACTGCCTCGGA

Supplemental Table 1

<b>4T1 Cell Line</b>	<b>% Protein Remaining</b>
FF10	N/A
FF32	N/A
Alpha1-2	28±8.6
Alpha1-3	63±15.4
Alpha1-5	47±6.7
Alpha2-2	35±0.5
Alpha2-6	37±10
Alpha2-7-	5±1.6
Alpha3-1-BC-G8	<10% *
Alpha3-6-BC-B4	<10% *
Alpha3-7-BC-B6	<10% *
Alpha4-1-BC-A8	Protein not detected
Alpha4-2-BC-A2	Protein not detected
alpha6-1-BC B1	12 ±7
alpha6-2-BC A12	12 ±7
alpha6-6-BC A11	21 ±7
alpha8-2 BC H1	6.9 **
alpha8-3 BC H3	13.48 **
alpha8-5 BC H5	7.89 **
AlphaV-9-BC-E3	<10% *
AlphaV-10-BC-E4	<10% *
beta1-4-BC A3	17±2
beta1-5-BC A4	9±3
beta2-1-C5	9±4
beta2-4-BC-A6	20±4
beta2-5-BC-A7	33±11
beta3-2-BC-E7	15±6.2
beta3-3-BC-E9	42±18.5
beta3-9-BC-E11	42±21.5
beta3-10-BC-F1	1.2±6.2
beta4-4-BC-F10	9±1
beta4-7-BC-F8	7±1

\* Knockdown was confirmed by western blots

\*\* Knockdown was confirmed by qPCR

## Supplemental Table 2