

Supplementary Table 5

History of Colon Polyps		Lymphatic Invasion	
Upregulated gene (Welch's t-test)		Upregulated gene (Welch's t-test)	
<i>ATP5D</i>	p = 0.008761 (t = -2.642)	<i>ATP5D</i>	p = 0.02018 (t = -2.333)
<i>NDUFB7</i>	p = 0.01741 (t = -2.395)	<i>NDUFB7</i>	p = 0.04094 (t = -2.051)
<i>LGALS1</i>	p = 0.0003472 (t = -3.619)	<i>LGALS1</i>	p = 0.00005453 (t = -4.081)
<i>DUSP1</i>	p = 0.02069 (t = -2.324)	<i>ALKBH7</i>	p = 0.01254 (t = -2.507)
<i>HIST1H4F</i>	p = 0.02251 (t = -2.294)	<i>ARL2</i>	p = 0.0002487 (t = -3.695)
<i>ALKBH7</i>	p = 0.01262 (t = -2.512)	<i>RRAS</i>	p = 0.000001533 (t = -4.876)
<i>RRAS</i>	p = 0.009622 (t = -2.608)	<i>PYCARD</i>	p = 0.003872 (t = -2.906)
<i>PYCARD</i>	p = 0.01688 (t = -2.404)	<i>RPS16</i>	p = 0.03848 (t = -2.077)
<i>RPS16</i>	p = 0.02638 (t = -2.233)	<i>COX5B</i>	p = 0.006171 (t = -2.755)
<i>MRPL34</i>	p = 0.01695 (t = -2.402)	<i>BLVRB</i>	p = 0.02553 (t = -2.242)
<i>COX5B</i>	p = 0.0002632 (t = -3.696)	<i>GZMM</i>	p = 0.002114 (t = -3.091)
<i>BLVRB</i>	p = 0.01096 (t = -2.563)	<i>RHOB</i>	p = 0.006382 (t = -2.742)
<i>GZMM</i>	p = 0.01030 (t = -2.582)	<i>DUSP2</i>	p = 0.04592 (t = -2.003)
<i>NCF1</i>	p = 0.00007786 (t = -3.995)	<i>NCF1</i>	p = 0.03896 (t = -2.071)
<i>IL17RC</i>	p = 0.004565 (t = -2.858)	<i>CYGB</i>	p = 0.0003295 (t = -3.621)
<i>RBKS</i>	p = 0.006910 (t = -2.720)	<i>IL17RC</i>	p = 0.005414 (t = -2.795)
<i>CCDC85B</i>	p = 0.01526 (t = -2.443)	<i>MIDN</i>	p = 0.01670 (t = -2.404)
<i>NDUFS8</i>	p = 0.04272 (t = -2.037)	<i>ZNHIT1</i>	p = 0.004351 (t = -2.869)
<i>POLR2L</i>	p = 0.008055 (t = -2.671)	<i>ATP5I</i>	p = 0.007230 (t = 2.700)
<i>PGP</i>	p = 0.02509 (t = -2.252)	<i>RPL13</i>	p = 0.001357 (t = -3.228)
<i>MRPL54</i>	p = 0.0009547 (t = -3.340)	<i>CCDC85B</i>	p = 5.297e-8 (t = -5.550)
<i>ADI1</i>	p = 0.001932 (t = -3.129)	<i>NDUFS8</i>	p = 0.0005934 (t = -3.462)
<i>HIST1H1C</i>	p = 0.04972 (t = -1.970)	<i>NDUFAF3</i>	p = 0.001719 (t = -3.157)
<i>IER5</i>	p = 0.01436 (t = -2.460)	<i>POLR2L</i>	p = 0.007694 (t = -2.679)
<i>MRPL41</i>	p = 0.009624 (t = -2.608)	<i>S1PR5</i>	p = 0.001949 (t = -3.118)
<i>TBCC</i>	p = 0.03225 (t = -2.152)	<i>PGP</i>	p = 0.0001694 (t = -3.800)
<i>ROMO1</i>	p = 0.01328 (t = -2.494)	<i>RPS19BP1</i>	p = 0.02745 (t = -2.213)
<i>CTNNBIP1</i>	p = 0.02142 (t = -2.313)	<i>NENF</i>	p = 0.001125 (t = -3.283)
<i>NUDT2</i>	p = 0.001386 (t = -3.230)	<i>IER5</i>	p = 0.08786 (t = -1.711)
<i>RGS19</i>	p = 0.00003330 (t = -4.203)	<i>MRPL41</i>	p = 0.0006447 (t = -3.440)
<i>MRPS12</i>	p = 0.04348 (t = -2.030)	<i>ROMO1</i>	p = 0.02316 (t = -2.281)
<i>RPS14</i>	p = 0.001696 (t = -3.173)	<i>HSD17B8</i>	p = 0.006144 (t = -2.755)
<i>UBA52</i>	p = 0.007980 (t = -2.674)	<i>RGCC</i>	p = 0.00006557 (t = -4.044)
<i>B3GALT4</i>	p = 0.005100 (t = -2.824)	<i>BCL7C</i>	p = 0.0003594 (t = -3.602)
<i>NDRG1</i>	p = 0.01233 (t = -2.516)	<i>RGS19</i>	p = 0.000008744 (t = -4.502)
<i>GAS7</i>	p = 0.03458 (t = -2.121)	<i>NUDT1</i>	p = 0.02110 (t = -2.316)
<i>HLA-DPB1</i>	p = 0.00001496 (t = -4.386)	<i>GSTP1</i>	p = 0.0003730 (t = -3.590)
<i>CDKN2A</i>	p = 0.006707 (t = -2.729)	<i>MRPS12</i>	p = 0.03481 (t = -2.118)
<i>MRPL22</i>	p = 0.004322 (t = -2.877)	<i>UBA52</i>	p = 0.01902 (t = -2.356)

<i>COX14</i>	p = 0.04235 (t = -2.040)	<i>B3GALT4</i>	p = 0.000001071 (t = -4.948)
<i>FAM229A</i>	p = 0.01731 (t = -2.391)	<i>MRPL55</i>	p = 0.0003859 (t = -3.581)
<i>COX4I1</i>	p = 0.01396 (t = -2.475)	<i>GAS7</i>	p = 0.01503 (t = -2.442)
<i>OST4</i>	p = 0.04177 (t = -2.046)	<i>HLA-DPB1</i>	p = 0.01871 (t = -2.361)
<i>IER2</i>	p = 0.02203 (t = 2.301)	<i>CDKN2A</i>	p = 5.323e-7 (t = -5.114)
<i>RPS15</i>	p = 0.009488 (t = -2.613)	<i>H2AFX</i>	p = 0.01442 (t = -2.459)
<i>TNFSF14</i>	p = 0.001725 (t = -3.164)	<i>FAU</i>	p = 0.04106 (t = -2.049)
<i>DEDD2</i>	p = 0.004458 (t = -2.868)	<i>CCS</i>	p = 0.01706 (t = -2.395)
<i>RPS5</i>	p = 0.002912 (t = -3.007)	<i>C16orf13</i>	p = 0.0002567 (t = -3.692)
<i>HIST1H4A</i>	p = 0.001508 (t = -3.200)	<i>RPL18</i>	p = 0.04076 (t = -2.053)
<i>PSMB10</i>	p = 0.02144 (t = -2.314)	<i>FAM173A</i>	p = 0.00001668 (t = -4.353)
<i>BID</i>	p = 0.002618 (t = -3.036)	<i>METRN</i>	p = 0.00002709 (t = -4.244)
<i>MGMT</i>	p = 0.02294 (t = -2.284)	<i>FAM229A</i>	p = 0.00006615 (t = -4.033)
<i>ISG15</i>	p = 0.005966 (t = -2.768)	<i>NMRAL1</i>	p = 0.01516 (t = -2.441)
<i>DUSP23</i>	p = 0.01711 (t = -2.399)	<i>RPS15</i>	p = 0.0008468 (t = -3.364)
<i>USF1</i>	p = 0.009039 (t = -2.629)	<i>DEDD2</i>	p = 0.00005709 (t = -4.070)
<i>CYBA</i>	p = 0.01251 (t = -2.514)	<i>POMC</i>	p = 0.00009793 (t = -3.930)
<i>CHCHD10</i>	p = 0.005235 (t = -2.813)	<i>TIMP1</i>	p = 0.0008349 (t = -3.367)
<i>PTGDS</i>	p = 0.0003523 (t = -3.608)	<i>ISG15</i>	p = 0.01063 (t = -2.566)
<i>VAMP8</i>	p = 0.004517 (t = -2.862)	<i>LMNA</i>	p = 0.002244 (t = -3.075)
		<i>DUSP23</i>	p = 0.0001803 (t = -3.780)
		<i>BAD</i>	p = 0.009221 (t = -2.615)
		<i>USF1</i>	p = 0.04604 (t = -2.002)
		<i>CYBA</i>	p = 0.00004542 (t = -4.124)
		<i>PTGDS</i>	p = 0.0006944 (t = -3.418)
		<i>MZT2A</i>	p = 0.01733 (t = -2.390)
		<i>MRPL23</i>	p = 0.04321 (t = -2.028)

<u>Venous Invasion</u>		<u>Perineural Invasion</u>	
Upregulated gene (Welch's t-test)		Upregulated gene (Welch's t-test)	
<i>LGALS1</i>	p = 0.02267 (t = -2.298)	<i>LGALS1</i>	p = 0.008940 (t = -2.665)
<i>RRAS</i>	p = 0.02376 (t = -2.278)	<i>RRAS</i>	p = 0.005212 (t = -2.856)
<i>RHOB</i>	p = 0.04482 (t = -2.020)	<i>NCF1</i>	p = 0.03180 (t = -2.176)
<i>CCDC85B</i>	p = 0.02581 (t = -2.246)	<i>CYGB</i>	p = 0.001502 (t = -3.255)
<i>HSPA1A</i>	p = 0.02088 (t = -2.332)	<i>MIDN</i>	p = 0.01933 (t = -2.387)
<i>RGCC</i>	p = 0.001025 (t = -3.349)	<i>S1PR1</i>	p = 0.01450 (t = -2.495)
<i>RGS19</i>	p = 0.006473 (t = -2.749)	<i>HSPA6</i>	p = 0.02136 (t = -2.331)
<i>B3GALT4</i>	p = 0.007104 (t = -2.714)	<i>IER5</i>	p = 0.04778 (t = -2.010)
<i>ICAM2</i>	p = 0.04636 (t = -2.005)	<i>HSPA1A</i>	p = 0.03165 (t = -2.184)
<i>CDKN2A</i>	p = 0.00001598 (t = -4.447)	<i>RGCC</i>	p = 0.04632 (t = -2.024)
<i>TNFAIP8L1</i>	p = 0.01726 (t = -2.401)	<i>RGS19</i>	p = 0.03460 (t = -2.143)
<i>DDIT3</i>	p = 0.04088 (t = -2.060)	<i>B3GALT4</i>	p = 0.0004633 (t = -3.596)

<i>METRN</i>	p = 0.001927 (t = -3.138)	<i>GAS7</i>	p = 0.03466 (t = -2.146)
<i>HIST3H2BB</i>	p = 0.02837 (t = -2.208)	<i>ICAM2</i>	p = 0.01568 (t = -2.455)
<i>POMC</i>	p = 0.004681 (t = -2.852)	<i>CDKN2A</i>	p = 0.002403 (t = -3.140)
<i>RIC3</i>	p = 0.01595 (t = -2.430)	<i>HIST2H4A</i>	p = 0.001337 (t = -3.267)
<i>TIMP1</i>	p = 0.002751 (t = -3.034)	<i>ISG15</i>	p = 0.01872 (t = -2.394)
<i>ISG15</i>	p = 0.01678 (t = -2.413)	<i>DIP2C</i>	p = 0.03191 (t = -2.171)
<i>LMNA</i>	p = 0.008620 (t = -2.656)	<i>LMNA</i>	p = 0.04627 (t = -2.023)
		<i>PTGDS</i>	p = 0.01285 (t = -2.543)