

Supplementary Table 1. Details for 79 genes differentially expressed between germline MMR deficient and assumed somatic MMR deficient tumors

Gene	Up/Down regulated in somatic MMR deficient tumours	Fold change	p-value	Adjusted p-value
<i>CACNA1S</i>	Up	166719	1.15E-22	2.07E-18
<i>AMBN</i>	Up	289245	1.03E-17	9.27E-14
<i>UTP20</i>	Down	0.15	8.54E-12	5.14E-08
<i>TEX19</i>	Down	0.02	4.81E-10	1.73E-06
<i>ZC3H12C</i>	Up	7.54	3.88E-10	1.73E-06
<i>DEFA5</i>	Up	153027	3.19E-09	9.60E-06
<i>ZNF385B</i>	Up	59.75	4.43E-09	1.14E-05
<i>PGPEP1L</i>	Down	0.02	3.80E-08	7.62E-05
<i>FSCN3</i>	Down	0.21	3.53E-08	7.62E-05
<i>NOTUM</i>	Up	90.93	8.79E-08	1.59E-04
<i>MEGF11</i>	Up	25.56	1.28E-07	2.10E-04
<i>LRRTM1</i>	Up	27.65	1.39E-07	2.10E-04
<i>GPX2</i>	Up	67.55	4.88E-07	6.77E-04
<i>C1QTNF9B</i>	Down	0.09	1.01E-06	1.05E-03
<i>EPM2AIP1</i>	Down	0.22	8.36E-07	1.05E-03
<i>MLH1</i>	Down	0.26	1.02E-06	1.05E-03
<i>PALM3</i>	Up	12.43	9.42E-07	1.05E-03
<i>OBP2B</i>	Up	404.38	1.05E-06	1.05E-03
<i>ATRNL1</i>	Up	21.00	1.58E-06	1.50E-03
<i>DEFB4A</i>	Up	64.94	1.98E-06	1.78E-03
<i>TSPAN33</i>	Up	3.86	2.26E-06	1.94E-03
<i>HAS3</i>	Up	10.30	2.37E-06	1.95E-03
<i>CRYBB1</i>	Up	22.63	5.78E-06	4.53E-03
<i>LOC441454</i>	Down	0.16	6.55E-06	4.71E-03
<i>CLU</i>	Up	10.43	6.59E-06	4.71E-03
<i>SEMA5B</i>	Up	10.91	6.79E-06	4.71E-03
<i>CYP24A1</i>	Up	20.68	9.70E-06	6.48E-03
<i>OBP2A</i>	Up	98.07	1.40E-05	8.71E-03
<i>DKK4</i>	Up	277.09	1.38E-05	8.71E-03
<i>PGBD5</i>	Up	8.56	1.49E-05	8.93E-03
<i>PDLIM5</i>	Down	0.39	1.94E-05	0.011
<i>LOC723809</i>	Up	26.33	1.93E-05	0.011
<i>BEX5</i>	Up	13.71	2.47E-05	0.013
<i>GABRG3</i>	Up	54.97	2.56E-05	0.013
<i>NEDD4</i>	Up	3.14	2.94E-05	0.014
<i>CES3</i>	Up	8.66	2.96E-05	0.014
<i>CES1</i>	Up	17.32	2.76E-05	0.014
<i>C10orf99</i>	Up	24.15	2.87E-05	0.014
<i>TUBA4A</i>	Up	4.79	3.48E-05	0.016
<i>PRKX</i>	Down	0.37	4.35E-05	0.019
<i>C2CD4A</i>	Up	9.83	5.67E-05	0.024
<i>KANK1</i>	Up	2.64	5.97E-05	0.025
<i>CPLX3</i>	Up	44.91	6.41E-05	0.026
<i>POMC</i>	Down	0.11	6.96E-05	0.028
<i>PRKY</i>	Down	0.33	7.05E-05	0.028

<i>NCRNA00116</i>	Up	9.89	7.79E-05	0.029
<i>SAA1</i>	Up	13.92	7.65E-05	0.029
<i>LPO</i>	Up	17.13	7.96E-05	0.029
<i>PCOLCE2</i>	Up	13.46	8.72E-05	0.031
<i>PI3</i>	Up	14.12	9.07E-05	0.031
<i>ZIC1</i>	Up	22.40	8.90E-05	0.031
<i>ME1</i>	Up	6.91	1.03E-04	0.034
<i>ATP6V0A4</i>	Up	13.61	1.01E-04	0.034
<i>C9orf66</i>	Up	8.58	1.08E-04	0.035
<i>LGR6</i>	Up	13.41	1.10E-04	0.035
<i>C6orf126</i>	Up	21.85	1.07E-04	0.035
<i>CX3CL1</i>	Up	4.30	1.19E-04	0.037
<i>SAA2</i>	Up	13.16	1.19E-04	0.037
<i>PDZK1IP1</i>	Up	8.68	1.27E-04	0.038
<i>HIVEP3</i>	Up	3.00	1.38E-04	0.039
<i>LRRC55</i>	Up	11.63	1.39E-04	0.039
<i>ACCN1</i>	Up	12.72	1.32E-04	0.039
<i>TMEM72</i>	Up	16.90	1.43E-04	0.039
<i>S100A7</i>	Up	55.12	1.39E-04	0.039
<i>TNNT2</i>	Up	10.79	1.48E-04	0.039
<i>BCL11A</i>	Up	4.50	1.54E-04	0.040
<i>C3orf45</i>	Down	0.12	1.83E-04	0.045
<i>PRR19</i>	Down	0.42	1.82E-04	0.045
<i>GPA33</i>	Up	13.79	1.84E-04	0.045
<i>RNF128</i>	Up	23.45	1.85E-04	0.045
<i>LMAN1L</i>	Up	76.06	1.80E-04	0.045
<i>THSD7B</i>	Down	0.12	2.02E-04	0.046
<i>GBP3</i>	Up	3.49	1.96E-04	0.046
<i>B3GNT8</i>	Up	5.18	2.06E-04	0.046
<i>PDZK1</i>	Up	9.98	1.98E-04	0.046
<i>CHI3L2</i>	Up	10.06	2.01E-04	0.046
<i>EDAR</i>	Up	10.38	2.04E-04	0.046
<i>CYP2A6</i>	Down	0.05	2.17E-04	0.048
<i>DST</i>	Down	0.24	2.19E-04	0.048
