

Supplementary Table S1. Differentially expressed genes in PMOC versus POC by microarray

Probe_Set_ID	Gene_Symbol	Signal Value POCs (Mean±SD)	Signal Value PMOCs (Mean±SD)	Fold changes PMOC/POC	P. Value
212768_s_at	OLFM4	1393.6±5844.7	72.7±71.9	0.05	4.76E-04
205513_at	TCN1	770.2±3163.4	112.8±142.3	0.15	5.05E-04
224209_s_at	GDA	1776.9±3681.2	270.2±188.8	0.15	1.75E-05
241031_at	FAM148A	996.6±3019.0	172.9±442.8	0.17	1.34E-04
205799_s_at	SLC3A1	1380.0±3661.8	256.0±531.1	0.19	3.35E-04
238878_at	ARX	767.3±1314.1	153.7±266.3	0.20	2.60E-07
210297_s_at	MSMB	202.0±1207.8	40.8±55.6	0.20	1.15E-03
226147_s_at	PIGR	3522.9±7249.1	749.8±1767.0	0.21	4.87E-06
204548_at	STAR	576.3±829.2	123.1±264.7	0.21	1.10E-09
205654_at	C4BPA	656.3±1847.2	140.8±178.7	0.21	1.82E-03
204623_at	TFF3	3785.5±12355.4	929.7±4265.7	0.25	2.09E-03
205044_at	GABRP	1187.6±2927.2	292.7±781.2	0.25	1.48E-04
203924_at	GSTA1	1480.5±5470.5	384.4±998.8	0.26	4.72E-04
222871_at	KLHDC8A	1297.1±1777.2	344.1±419.0	0.27	1.93E-08
204304_s_at	PROM1	4268.1±7470.1	1143.8±2498.9	0.27	1.53E-04
219873_at	COLEC11	1333.9±1781.8	370.8±814.2	0.28	5.68E-10
203824_at	TSPAN8	4274.4±10488.5	1218.2±4875.0	0.29	2.81E-08
228969_at	AGR2	758.7±2224.3	224.7±575.8	0.30	6.38E-04
205517_at	GATA4	324.3±396.9	96.7±166.4	0.30	1.57E-09
209560_s_at	DLK1	3072.3±6013.9	931.7±4275.1	0.30	2.46E-07
237206_at	MYOCD	473.1±791.7	150.1±224.3	0.32	2.85E-05
228554_at	PGR	1404.6±2808.0	449.3±1014.5	0.32	3.67E-04
1554375_a_at	NR1H4	166.5±402.8	53.6±141.8	0.32	7.58E-05
209242_at	PEG3	3558.9±5384.6	1199.2±2922.9	0.34	1.37E-05
227467_at	RDH10	1505.7±2697.2	516.1±448.8	0.34	5.78E-05
213745_at	ATRNL1	118.8±130.9	40.8±62.7	0.34	4.78E-07
213369_at	PCDH21	187.9±262.1	66.3±96.4	0.35	6.07E-05
227742_at	CLIC6	1314.1±2812.4	469.8±727.1	0.36	7.05E-04
229659_s_at	PIGR	3571.9±7736.0	1289.7±5437.8	0.36	2.43E-04
226021_at	RDH10	1956.2±2821.8	707.8±667.5	0.36	2.12E-05
238018_at	FAM150B	659.0±1344.8	242.1±448.1	0.37	1.91E-04
220102_at	FOXL2	381.5±368.3	143.0±221.3	0.37	9.20E-10
211237_s_at	FGFR4	43.1±79.4	16.2±11.6	0.38	8.09E-04
214614_at	MNX1	260.6±358.4	98.2±120.0	0.38	2.47E-04
206754_s_at	CYP2B6	341.2±824.9	128.9±317.3	0.38	1.93E-03
205313_at	HNF1B	685.2±1003.4	261.2±263.8	0.38	3.40E-05
219331_s_at	KLHDC8A	387.7±546.7	148.7±169.8	0.38	1.51E-05
203178_at	GATM	1027.9±1179.1	405.0±260.0	0.39	1.99E-06
221577_x_at	GDF15	786.9±1120.0	316.2±275.8	0.40	3.13E-04
226248_s_at	KIAA1324	1656.4±4141.5	667.8±1896.0	0.40	1.09E-03

233950_at	CADPS	196.9±223.5	79.4±78.3	0.40	9.86E-05
1568604_a_at	CADPS	402.4±402.8	165.3±138.5	0.41	1.15E-05
205432_at	OVGP1	1079.3±2917.3	447.0±848.5	0.41	2.31E-03
240304_s_at	TMC5	2347.7±3968.3	974.7±2053.4	0.42	2.73E-04
227867_at	LOC129293	392.7±443.4	163.1±142.5	0.42	2.58E-06
230068_s_at	PEG3	258.0±335.1	107.9±116.2	0.42	1.89E-04
229849_at	---	905.8±842.9	387.1±277.6	0.43	1.51E-10
239884_at	CADPS	282.5±277.8	121.0±110.8	0.43	3.06E-05
204931_at	TCF21	677.9±1019.1	290.5±379.9	0.43	2.89E-03
218872_at	TESC	420.5±572.2	181.0±125.0	0.43	3.52E-04
205489_at	CRYM	414.5±732.8	180.1±179.9	0.43	1.15E-03
208135_at	HNF1B	124.4±183.1	55.4±66.6	0.45	1.80E-03
207414_s_at	PCSK6	587.2±805.7	261.8±363.1	0.45	8.85E-05
1555867_at	GNG4	163.7±174.9	73.5±113.3	0.45	8.57E-06
242662_at	PCSK6	402.0±398.3	180.9±196.2	0.45	1.84E-07
219987_at	---	319.6±675.8	143.9±113.8	0.45	1.83E-04
226226_at	TMEM45B	861.6±1444.9	391.0±361.3	0.45	6.74E-04
1552767_a_at	HS6ST2	481.7±748.0	219.7±368.4	0.46	6.67E-05
206022_at	NDP	627.3±810.0	287.6±275.4	0.46	2.48E-03
205942_s_at	ACSM3	448.3±654.9	205.8±151.7	0.46	1.11E-03
210103_s_at	FOXA2	208.6±366.7	97.1±247.6	0.47	2.31E-03
209243_s_at	PEG3	748.4±1154.7	352.1±1030.4	0.47	3.66E-05
229163_at	CAMK2N1	217.9±217.9	102.9±96.8	0.47	8.13E-05
210377_at	ACSM3	553.0±728.7	263.4±179.9	0.48	2.34E-05
220180_at	CCDC68	251.3±318.1	121.5±69.3	0.48	3.28E-05
216733_s_at	GATM	920.9±931.7	446.4±213.5	0.48	3.28E-06
229916_at	ENPP6	141.9±218.9	69.3±136.1	0.49	2.29E-05
213874_at	SERPINA4	197.2±348.7	97.0±90.7	0.49	2.99E-03
213506_at	F2RL1	2151.8±2768.8	1058.0±797.8	0.49	8.83E-05
214307_at	HGD	173.4±228.8	85.6±89.5	0.49	2.76E-03
219747_at	C4orf31	387.6±483.1	193.5±129.6	0.50	5.58E-04
205190_at	PLS1	1867.2±2098.2	932.1±672.4	0.50	2.91E-05
221651_x_at	IGKC	24167.2±34225.3	48340.2±46137.9	2.00	7.67E-05
233690_at	---	214.7±162.9	429.4±280.0	2.00	2.03E-08
214981_at	POSTN	72.0±97.1	144.1±161.6	2.00	9.05E-06
221671_x_at	IGKC	24002.3±34168.3	48100.7±45784.4	2.00	6.77E-05
243864_at	CCDC80	210.1±232.3	421.4±399.4	2.01	1.35E-06
211430_s_at	IGHM	23705.8±36026.0	47604.4±47254.0	2.01	3.91E-05
202995_s_at	FBLN1	954.9±1742.7	1918.6±2288.6	2.01	8.08E-07
203083_at	THBS2	3849.5±4389.7	7744.2±6106.9	2.01	1.98E-07
226695_at	PRRX1	1247.5±1781.9	2512.7±1999.8	2.01	1.00E-08
214669_x_at	IGKC	7935.3±14896.5	15989.4±17589.9	2.01	4.30E-05
206666_at	GZMK	232.4±299.3	469.0±406.5	2.02	8.14E-07
211649_x_at	LOC642131	208.7±363.0	421.4±623.7	2.02	4.78E-04

227140_at	---	1704.7±2421.4	3442.4±3215.9	2.02	4.39E-07
210170_at	PDLIM3	314.0±839.4	634.3±985.0	2.02	2.63E-05
218087_s_at	SORBS1	390.7±298.6	790.7±814.7	2.02	4.95E-05
217428_s_at	COL10A1	1039.2±1547.9	2103.6±1966.0	2.02	2.66E-06
228367_at	ALPK2	206.4±254.5	419.3±296.4	2.03	3.07E-08
218975_at	COL5A3	98.5±127.1	200.4±182.4	2.03	1.19E-06
204955_at	SRPX	760.9±702.0	1548.3±1434.3	2.03	2.18E-07
213790_at	---	394.4±459.1	803.0±691.5	2.04	3.32E-08
212488_at	COL5A1	2694.6±2808.5	5491.6±3822.1	2.04	5.78E-09
202952_s_at	ADAM12	404.1±475.7	823.8±743.7	2.04	1.06E-08
211161_s_at	COL3A1	15549.2±13351.3	31705.6±18992.6	2.04	1.35E-09
205941_s_at	COL10A1	746.0±973.7	1523.4±1454.5	2.04	7.16E-07
212670_at	ELN	216.9±246.7	445.1±464.6	2.05	1.74E-04
225241_at	CCDC80	474.0±569.8	974.4±867.3	2.06	4.82E-06
211634_x_at	IGHM	1005.4±2680.7	2076.5±3371.1	2.07	1.03E-03
217430_x_at	COL1A1	2559.7±3289.1	5318.5±4942.5	2.08	1.10E-07
201149_s_at	TIMP3	767.7±1330.7	1601.6±1358.5	2.09	6.73E-10
235228_at	CCDC85A	74.2±93.2	154.9±290.3	2.09	4.12E-05
228186_s_at	RSPO3	591.2±858.7	1236.9±1017.6	2.09	4.06E-08
205498_at	GHR	254.8±283.6	534.5±695.1	2.10	5.64E-05
223571_at	C1QTNF6	62.8±85.6	131.9±124.2	2.10	5.52E-06
203666_at	CXCL12	714.2±790.7	1500.2±1168.9	2.10	3.84E-09
204894_s_at	AOC3	377.8±563.3	794.7±1025.3	2.10	2.59E-04
201852_x_at	COL3A1	19622.4±17116.5	41296.3±23810.8	2.10	1.80E-10
201147_s_at	TIMP3	854.5±1094.6	1817.1±1364.6	2.13	2.36E-08
209955_s_at	FAP	828.3±931.6	1766.1±1148.9	2.13	3.01E-10
206007_at	PRG4	75.7±60.7	161.6±288.0	2.13	5.16E-05
205478_at	PPP1R1A	170.0±212.5	363.3±433.4	2.14	8.03E-05
205117_at	FGF1	130.8±120.0	280.2±239.2	2.14	1.84E-07
204456_s_at	GAS1	100.1±157.6	214.6±344.0	2.14	4.97E-05
231879_at	COL12A1	538.9±616.6	1156.6±1189.8	2.15	7.64E-08
214927_at	ITGBL1	295.8±288.6	636.1±628.9	2.15	4.05E-06
214677_x_at	IGL@	16826.5±24295.9	36211.7±37817.6	2.15	1.27E-04
215176_x_at	LOC100130100	6080.1±14710.0	13105.4±18157.8	2.16	6.11E-05
212489_at	COL5A1	1239.7±1444.9	2676.3±2210.8	2.16	1.19E-08
217138_x_at	IGL@	64.4±92.2	139.5±157.7	2.16	2.46E-04
202994_s_at	FBLN1	1121.6±1950.7	2431.0±2426.4	2.17	4.12E-08
225664_at	COL12A1	3920.4±4398.0	8521.3±6282.9	2.17	1.20E-09
202765_s_at	FBN1	498.0±518.5	1083.6±937.4	2.18	2.44E-06
211640_x_at	LOC100133862	177.1±307.2	389.3±473.4	2.20	8.30E-05
219655_at	C7orf10	181.1±187.6	398.2±351.2	2.20	4.40E-06
210375_at	PTGER3	116.2±122.7	255.6±229.5	2.20	5.06E-07
202766_s_at	FBN1	2552.1±2382.1	5623.8±4385.7	2.20	1.87E-08
209138_x_at	IGL@	18823.5±28703.6	41512.6±44872.5	2.21	6.02E-05

227566_at	HNT	511.5±718.5	1128.2±1106.4	2.21	4.26E-09
215121_x_at	IGL@	21127.5±32468.2	46614.8±50053.8	2.21	5.73E-05
221729_at	COL5A2	3943.5±4523.1	8723.2±6218.8	2.21	2.76E-10
202311_s_at	COL1A1	1690.6±2086.4	3739.9±3125.0	2.21	1.66E-08
236738_at	LOC401097	110.4±143.9	244.3±239.2	2.21	2.47E-06
225242_s_at	CCDC80	1890.3±3256.7	4212.0±4174.4	2.23	3.97E-08
221730_at	COL5A2	2302.6±2563.9	5132.6±3712.3	2.23	5.17E-10
204914_s_at	SOX11	503.1±1123.3	1124.9±2899.8	2.24	3.98E-04
210831_s_at	PTGER3	111.8±112.6	250.3±225.9	2.24	1.40E-08
219398_at	CIDEC	287.1±215.9	643.1±916.9	2.24	9.78E-05
214414_x_at	HBA1	6054.3±8373.8	13610.1±23467.5	2.25	2.54E-03
226777_at	---	509.4±612.5	1145.3±965.5	2.25	4.79E-10
213661_at	DKFZP586H2123	171.5±160.3	389.0±424.9	2.27	5.68E-05
202291_s_at	MGP	4337.4±4919.4	9846.2±14135.1	2.27	3.22E-03
210511_s_at	INHBA	550.9±817.9	1258.0±1454.8	2.28	1.08E-05
234764_x_at	IGL@	2306.0±8118.6	5294.1±9512.1	2.30	8.49E-05
202450_s_at	CTSK	2449.0±3705.6	5632.6±5059.0	2.30	5.35E-11
211637_x_at	LOC652128	890.0±2387.1	2048.3±3049.8	2.30	3.78E-06
204915_s_at	SOX11	220.9±404.1	509.0±1242.8	2.30	1.40E-04
232458_at	COL3A1	1082.4±1254.9	2523.5±2210.4	2.33	1.47E-08
201150_s_at	TIMP3	2599.6±4021.0	6101.7±5242.8	2.35	2.04E-09
1553171_x_at	LRRN4	155.0±220.7	364.4±992.0	2.35	8.31E-06
226311_at	---	432.0±499.7	1016.1±751.3	2.35	1.91E-09
220988_s_at	C1QTNF3	577.7±661.2	1364.3±1164.9	2.36	2.48E-11
201744_s_at	LUM	9303.4±10427.2	22058.3±15000.7	2.37	3.65E-10
213765_at	MFAP5	486.1±807.5	1158.2±981.6	2.38	3.62E-09
203878_s_at	MMP11	1079.6±1455.5	2573.0±2587.3	2.38	4.27E-09
218468_s_at	GREM1	247.7±493.0	593.3±550.0	2.39	2.63E-11
213764_s_at	MFAP5	455.4±1026.8	1092.4±990.5	2.40	1.34E-08
209687_at	CXCL12	1294.2±1444.1	3107.0±2871.4	2.40	5.67E-08
204018_x_at	HBA1	3355.8±5677.4	8072.3±15528.7	2.41	1.87E-03
212713_at	MFAP4	304.5±669.7	733.0±1020.3	2.41	4.85E-07
215379_x_at	IGL@	12084.7±23204.3	29090.5±36718.2	2.41	4.46E-05
209458_x_at	HBA1	3706.4±6770.4	8935.4±17928.2	2.41	2.22E-03
216491_x_at	IGHM	1035.4±3065.6	2502.8±4208.7	2.42	1.61E-05
211745_x_at	HBA1	4439.5±7702.6	10819.2±21008.4	2.44	1.21E-03
220276_at	RERGL	35.8±62.3	87.9±146.0	2.46	3.20E-04
205713_s_at	COMP	651.9±1021.3	1606.3±1965.6	2.46	7.73E-05
229479_at	---	246.5±460.2	607.5±594.1	2.46	1.70E-08
216401_x_at	LOC652493	2574.0±6266.4	6358.8±9118.1	2.47	4.68E-05
205422_s_at	ITGBL1	267.5±302.9	664.6±747.0	2.48	3.97E-06
205433_at	BCHE	194.4±361.0	483.0±734.5	2.48	1.48E-06
229271_x_at	COL11A1	178.6±421.1	443.7±478.8	2.48	1.81E-07
218469_at	GREM1	380.2±680.6	948.3±850.1	2.49	2.33E-11

213909_at	LRRC15	475.8±680.0	1186.9±1276.6	2.49	2.47E-09
216829_at	LOC652694	109.0±218.7	272.2±399.9	2.50	4.17E-04
221295_at	CIDEA	94.7±84.5	236.7±383.8	2.50	4.85E-04
228481_at	---	345.7±401.0	866.6±786.1	2.51	2.48E-10
226237_at	---	2446.5±3187.9	6149.6±5834.1	2.51	6.33E-08
221541_at	CRISPLD2	1355.7±1699.1	3409.0±2889.9	2.51	8.47E-11
216207_x_at	LOC652694	4066.0±8959.4	10269.4±13990.2	2.53	2.38E-05
203886_s_at	FBLN2	163.6±202.6	416.3±389.4	2.54	4.15E-08
217378_x_at	LOC100130100	2575.6±7362.0	6559.8±10568.7	2.55	2.67E-05
211696_x_at	HBB	4933.2±7794.2	12606.1±25381.8	2.56	6.42E-04
217480_x_at	LOC339562	2338.4±4804.3	5979.4±8135.1	2.56	1.60E-05
208335_s_at	DARC	111.2±158.7	287.0±288.3	2.58	8.88E-08
216846_at	IGL@	33.0±37.7	85.2±182.5	2.58	3.55E-04
229554_at	---	390.9±562.7	1014.0±873.7	2.59	1.66E-12
210809_s_at	POSTN	5279.7±8401.0	13750.5±8352.4	2.60	2.76E-13
211645_x_at	---	2515.9±5707.4	6569.3±9362.0	2.61	2.53E-05
203876_s_at	MMP11	244.7±508.4	646.4±905.7	2.64	2.77E-08
209763_at	CHRDL1	351.7±431.3	932.8±1035.6	2.65	1.28E-06
206201_s_at	MEOX2	88.0±171.6	235.8±282.1	2.68	4.18E-07
217148_x_at	IGL@	3139.8±7747.8	8420.1±13581.8	2.68	4.61E-05
231993_at	ITGBL1	116.4±138.7	313.5±434.6	2.69	4.94E-05
216576_x_at	IGKC	1888.6±4705.7	5101.4±7291.8	2.70	2.10E-06
229476_s_at	THRSP	160.2±312.7	433.3±627.0	2.70	4.13E-06
217232_x_at	HBB	3715.9±6451.3	10087.4±22245.5	2.71	7.69E-04
1555778_a_at	POSTN	1603.1±2920.6	4377.8±3843.7	2.73	6.18E-14
240135_x_at	---	250.4±463.1	683.9±825.6	2.73	6.82E-09
207977_s_at	DPT	119.2±145.8	328.2±379.6	2.75	8.91E-11
217235_x_at	IGL@	1051.4±2325.9	2921.3±4823.7	2.78	2.83E-05
216853_x_at	IGLV3-19	426.1±834.1	1184.9±3552.1	2.78	2.46E-04
211798_x_at	IGLJ3	1104.6±1804.6	3093.8±6773.8	2.80	2.03E-04
207092_at	LEP	77.5±123.3	217.7±354.6	2.81	5.84E-04
234884_x_at	IGL@	443.8±800.6	1263.2±2074.6	2.85	1.49E-05
228592_at	MS4A1	142.2±264.1	405.2±603.9	2.85	9.34E-06
210072_at	CCL19	199.5±263.7	571.8±752.3	2.87	6.54E-07
203549_s_at	LPL	480.0±1127.1	1385.9±2158.9	2.89	3.81E-08
216365_x_at	IGL@	174.5±279.6	505.2±1337.8	2.89	5.71E-05
211633_x_at	IGHG1	429.7±1186.2	1255.1±2629.2	2.92	1.70E-03
211881_x_at	IGLJ3	903.9±1632.0	2656.6±5838.7	2.94	1.00E-04
213068_at	DPT	137.9±250.7	406.3±504.6	2.95	6.83E-08
209116_x_at	HBB	3477.9±6744.6	10320.0±25080.6	2.97	7.60E-04
227419_x_at	PLAC9	61.9±98.9	184.1±199.4	2.97	1.99E-07
213071_at	DPT	107.0±155.8	319.9±410.4	2.99	1.27E-07
215946_x_at	IGLL3	3527.1±12233.9	10590.6±24349.0	3.00	9.64E-06
215035_at	IGLV6-57	26.0±74.3	78.4±146.5	3.01	7.78E-04

234366_x_at	IGL@	590.9±1114.9	1786.2±3697.9	3.02	5.42E-05
227061_at	---	683.4±1128.0	2091.8±2662.3	3.06	3.74E-09
205382_s_at	CFD	415.7±477.6	1272.6±1541.3	3.06	1.81E-06
37892_at	COL11A1	2846.0±5949.1	8745.3±8625.1	3.07	4.90E-10
1553169_at	LRRN4	102.2±211.0	320.1±969.2	3.13	2.45E-08
205959_at	MMP13	87.5±327.8	274.1±890.0	3.13	1.83E-05
204320_at	COL11A1	2493.5±5156.8	7926.6±8063.1	3.18	2.36E-09
224396_s_at	ASPN	128.7±244.7	409.9±561.5	3.18	3.73E-09
203548_s_at	LPL	506.8±1780.9	1642.9±2979.8	3.24	1.69E-06
213247_at	SVEP1	232.1±290.8	761.4±813.4	3.28	8.06E-10
209614_at	ADH1B	94.1±99.1	311.8±401.8	3.31	7.02E-09
216984_x_at	IGLV2-11	1527.6±5248.1	5083.6±11786.2	3.33	3.50E-05
219087_at	ASPN	558.7±1020.9	1979.2±2215.0	3.54	6.32E-13
209555_s_at	CD36	373.5±706.9	1325.0±1976.3	3.55	6.61E-07
206488_s_at	CD36	420.3±724.0	1568.6±2373.3	3.73	2.97E-08
213706_at	GPD1	57.0±113.6	225.6±409.9	3.96	5.01E-06
206243_at	TIMP4	69.3±85.8	276.0±527.7	3.98	2.25E-03
215214_at	IGL@	1129.5±2743.7	4638.2±9047.4	4.11	8.88E-06
228766_at	CD36	279.0±428.9	1233.1±1844.7	4.42	2.07E-09
235978_at	FABP4	118.8±180.0	564.8±888.4	4.76	6.61E-07
206439_at	EPYC	380.1±857.1	1838.5±3362.5	4.84	1.84E-09
228409_at	KIAA1881	62.0±130.9	315.3±522.9	5.09	9.93E-09
223122_s_at	SFRP2	1779.0±4408.1	9707.5±11359.2	5.46	8.14E-15
223121_s_at	SFRP2	708.7±1782.1	4364.4±5550.4	6.16	5.44E-17
216560_x_at	IGL@	878.9±2570.6	5739.3±14337.4	6.53	3.08E-05
207175_at	ADIPOQ	180.9±364.4	1440.4±2557.5	7.96	2.04E-12
209613_s_at	ADH1B	332.3±1045.9	2822.8±4744.2	8.50	1.19E-08
209612_s_at	ADH1B	335.8±998.7	2889.4±5190.4	8.61	1.58E-07
203980_at	FABP4	1037.5±4097.0	9305.7±14896.5	8.97	3.92E-10
205913_at	PLIN	87.3±297.4	1048.6±1996.2	12.01	8.05E-12

Abbreviations: POC-primary ovarian carcinoma; PMOC-peritoneal/pelvic metastatic ovarian carcinoma