

Supplemental Table 2: Statistical analysis of IMPs detected in both BD-IPMN and mixed IPMN samples.

Cytokine	BD-IPMN										Mixed IPMN					p-value
	Concentration, pg/ml										Concentration, pg/ml					
	Samples					Median	IQR	Samples					Median	IQR		
	B1	B2	B3	B4	B5			M1	M2	M3	M4	M5				
6CKine	N.D.	N.D.	104.4	N.D.	N.D.	104.4	0.0	N.D.	208.3	64.1	N.D.	N.D.	40.5	64.1	83.9	0.6547
BCA-1	N.D.	N.D.	0.7	N.D.	N.D.	0.7	0.0	N.D.	20.0	1.8	N.D.	N.D.	N.D.	10.9	9.1	0.2207
CTACK	N.D.	1.0	2.7	N.D.	N.D.	1.9	0.9	N.D.	0.9	N.D.	N.D.	N.D.	N.D.	0.9	0.0	0.2207
CXCL6	N.D.	N.D.	32.3	7.4	N.D.	19.8	12.4	N.D.	2.1	4.3	16.2	5.9	5.1	4.7	0.1649	
EGF	5.9	363.7	1305.5	N.D.	N.D.	363.7	649.8	11620.2	47.4	19.0	108.9	N.D.	N.D.	78.1	2946.4	1.0000
ENA-78	N.D.	N.D.	2566.7	139.5	N.D.	1353.1	1213.6	N.D.	1082.8	43.1	369.7	279.4	324.6	327.6	0.6434	
Eotaxin	2.8	18.6	18.2	8.6	N.D.	13.4	11.1	12.3	38.6	24.0	N.D.	N.D.	N.D.	24.0	13.1	0.1573
Eotaxin-2	13.7	36.0	1741.8	8.0	117.9	36.0	104.2	147.5	2521.2	6666.7	12.8	350.3	350.3	2373.7	0.1745	
FGF-basic	N.D.	54.5	39.8	N.D.	N.D.	47.1	7.3	N.D.	201.5	45.7	N.D.	N.D.	N.D.	123.6	77.9	0.4386
Fit-3L	N.D.	3.4	N.D.	N.D.	N.D.	3.4	0.0	N.D.	79.5	18.1	N.D.	N.D.	N.D.	48.8	30.7	0.2207
Fractalkine	26.0	46.2	168.2	26.0	214.0	46.2	142.2	26.0	3120.0	533.1	N.D.	158.4	345.7	1054.5	0.2967	
G-CSF	N.D.	2.1	6.6	2.5	N.D.	2.5	2.2	N.D.	266.4	11.2	N.D.	8.8	11.2	128.8	0.0495	
GRO	N.D.	50.2	658.1	15.9	15.9	33.0	186.2	11.5	1174.4	383.1	603.4	243.4	383.1	360.0	0.4624	
GRO-a	N.D.	24.6	312.4	7.8	7.8	16.2	88.8	6.2	607.3	197.3	299.6	119.2	197.3	180.4	0.4624	
HCC-1	N.D.	171.8	818.7	N.D.	39.2	171.8	389.7	N.D.	1563.4	1705.9	15.7	1316.4	1439.9	607.8	0.2888	
HGF	27.8	144.1	474.3	20.3	12.6	27.8	123.8	329.1	4797.0	448.2	76.0	40.6	329.1	372.2	0.1745	
ICAM-1	276.6	4492.5	5375.7	276.6	259.0	276.6	4215.9	18274.0	16409.0	4353.5	3938.1	654.3	4353.5	12470.9	0.1745	
IFN-a2	N.D.	N.D.	12.9	N.D.	N.D.	12.9	0.0	N.D.	312.2	51.5	N.D.	N.D.	N.D.	181.8	130.4	0.2207
IFN-g	N.D.	2.3	1.1	1.4	N.D.	1.4	0.6	N.D.	236.0	14.3	N.D.	0.4	14.3	117.8	0.5127	
IL-10	0.2	1.9	2.9	N.D.	N.D.	1.9	1.4	N.D.	80.5	10.0	0.6	N.D.	10.0	40.0	0.2752	
IL-12p40	N.D.	17.5	7.0	N.D.	N.D.	12.2	5.2	N.D.	946.1	63.3	N.D.	N.D.	504.7	441.4	0.1213	
IL-12p70	N.D.	N.D.	2.0	N.D.	N.D.	2.0	0.0	N.D.	49.4	7.7	N.D.	N.D.	N.D.	28.6	20.8	0.2207
IL-13	N.D.	12.2	5.5	N.D.	N.D.	8.8	3.3	N.D.	211.5	11.5	N.D.	2.2	11.5	104.6	1.0000	
IL-15	N.D.	7.4	N.D.	N.D.	N.D.	7.4	0.0	N.D.	250.3	12.0	N.D.	N.D.	131.2	119.1	0.2207	
IL-16	7.3	11.8	28.1	20.2	2.4	11.8	12.9	16.1	270.1	18.2	11.8	N.D.	17.1	66.1	0.3913	
IL-18	N.D.	18.4	92.0	N.D.	N.D.	55.2	36.8	N.D.	92.7	8.0	N.D.	N.D.	50.3	42.4	1.0000	
IL-1a	N.D.	7.4	12.5	N.D.	N.D.	9.9	2.6	4.1	26.6	22.4	N.D.	N.D.	22.4	11.2	0.5637	
IL-1b	N.D.	1.0	N.D.	N.D.	N.D.	1.0	0.0	N.D.	1140.2	8.6	N.D.	N.D.	574.4	565.8	0.2207	
IL-1ra	N.D.	13.3	379.7	N.D.	N.D.	196.5	183.2	N.D.	595.6	46.2	N.D.	N.D.	320.9	274.7	0.4386	
IL-2	N.D.	1.2	2.1	N.D.	N.D.	1.6	0.5	N.D.	288.2	14.3	N.D.	N.D.	151.2	137.0	0.1213	

IL-20	N.D.	N.D.	50.2	0.0	N.D.	442.7	232.1	N.D.	N.D.	337.4	105.3	0.2207
IL-21	N.D.	4.1	N.D.	0.0	N.D.	4.4	N.D.	N.D.	N.D.	4.4	0.0	0.3173
IL-23	N.D.	18.3	30.2	5.9	N.D.	273.8	42.0	188.8	N.D.	124.3	154.8	0.0641 **
IL-28A	2.9	N.D.	N.D.	0.0	N.D.	25.7	4.4	N.D.	N.D.	15.1	10.6	0.2207
IL-3	N.D.	8.5	N.D.	5.5	2.9	4.1	N.D.	N.D.	N.D.	11.4	7.3	0.4386
IL-33	N.D.	N.D.	16.3	0.0	N.D.	19.3	16.3	N.D.	N.D.	17.8	1.5	0.5403
IL-4	N.D.	2.2	0.7	7.9	2.2	351.2	9.4	N.D.	N.D.	180.3	170.9	0.2482
IL-6	N.D.	5.4	21.9	13.6	8.2	211.5	33.7	N.D.	N.D.	122.6	88.9	0.1213
IL-7	N.D.	3.5	27.0	3.5	12.1	138.0	23.6	5.1	9.1	16.3	44.1	0.2888
IL-8	9.3	7.7	617.7	9.3	305.0	9160.5	3067.2	14.0	5.7	23.3	3053.3	0.4561
IP-10	6.1	24.2	106.0	15.1	38.9	1457.4	419.8	11.3	N.D.	215.6	668.8	0.2482
I-TAC	N.D.	0.9	373.7	187.3	186.4	9.6	11.9	16.0	1.3	10.8	5.4	1.0000
LIF	N.D.	15.0	N.D.	15.0	0.0	224.2	N.D.	N.D.	N.D.	224.2	0.0	0.3173
MCP-1	65.0	2591.2	631.6	2.3	1.0	4800.4	5965.9	153.2	10.8	322.9	4647.2	0.2506
MCP-2	N.D.	N.D.	5.8	0.0	N.D.	20.5	25.9	N.D.	N.D.	23.2	2.7	0.2207
MCP-3	4.3	5.7	11.4	2.0	2.0	133.3	76.2	2.0	4.3	40.3	86.7	0.3913
MCP-4	N.D.	N.D.	31.8	0.0	N.D.	126.5	162.9	N.D.	N.D.	144.7	18.2	0.2207
M-CSF	15.4	N.D.	N.D.	14.8	0.6	53.8	N.D.	N.D.	N.D.	32.9	20.9	1.0000
MDC	N.D.	6.1	29.5	17.8	11.7	585.8	82.6	N.D.	N.D.	334.2	251.6	0.1213
MIF	162.8	598.6	12262.0	293.7	435.8	24973.9	11500.4	78.5	3863.1	3863.1	11409.3	0.6015
MIG	N.D.	42.0	194.8	16.2	89.3	2021.2	3912.9	54.1	82.4	143.8	1938.8	0.1797
MIP-1a	N.D.	7.7	13.2	N.D.	2.7	320.6	24.1	N.D.	N.D.	172.3	148.2	0.1213
MIP-1b	N.D.	32.9	31.4	N.D.	0.7	308.4	53.5	N.D.	N.D.	53.5	144.1	0.5637
MIP-1d	N.D.	N.D.	N.D.	96.2	0.0	2909.5	22.1	N.D.	63.4	63.4	1443.7	0.6547
MIP-3a	N.D.	N.D.	47.3	N.D.	0.0	72.1	12.7	3.5	4.3	8.5	23.4	0.4795
MIP-3b	N.D.	N.D.	2.1	N.D.	0.0	2.7	N.D.	N.D.	N.D.	2.7	0.0	0.3173
NAP-2	N.D.	2236.6	5415.8	N.D.	3826.2	1589.6	N.D.	N.D.	6116.7	4167.0	1949.7	1.0000
PDGF-AA	152.6	9544.1	9784.4	35.4	130.3	152.6	9413.8	10457.0	276.9	7842.8	7411.8	0.3472
PDGF-AB/BB	16.2	279.7	589.2	31.2	9.7	371.0	64.9	15.7	116.2	70.5	51.3	0.7540
PDGF-BB	15.3	90.4	396.9	29.2	8.5	50.1	36.9	12.6	66.4	50.1	14.0	0.9168
Rantes	3.4	218.4	1621.1	N.D.	N.D.	81.0	53.2	N.D.	980.0	67.1	265.5	0.4795
sCD40L	N.D.	86.2	243.4	1.9	N.D.	23.9	111.4	1.9	55.9	23.9	54.0	0.4561
SCGF-b	69.5	990.9	481.7	613.5	N.D.	3290.4	1456.6	14.3	N.D.	1493.1	873.7	0.2482
SDF-1a	54.3	59.1	338.1	76.2	38.5	260.6	49.2	38.5	4.8	49.2	10.7	0.2101
SDF-1a+b	N.D.	452.5	427.3	78.1	N.D.	407.7	175.7	N.D.	N.D.	175.7	168.8	0.2752
sIL-2Ra	N.D.	7.6	N.D.	N.D.	0.0	212.3	17.7	N.D.	N.D.	115.0	97.3	0.2207

TARC	N.D.	0.4	2.8	N.D.	N.D.	1.6	1.2	0.4	5.3	2.0	N.D.	0.8	1.4	2.1	0.8170
TGF- α	N.D.	N.D.	7.3	N.D.	1.3	4.3	3.0	N.D.	32.7	4.8	N.D.	1.9	4.8	15.4	0.5637
TNF- α	N.D.	N.D.	1.4	N.D.	N.D.	1.4	0.0	N.D.	0.6	2.8	N.D.	N.D.	1.7	1.1	1.0000
TRAIL	N.D.	2.0	49.3	N.D.	51.6	49.3	24.8	1.0	64.8	20.5	20.4	13.7	20.4	6.9	0.6547
VCAM-1	N.D.	18.7	555.2	18.1	18.2	18.5	134.6	N.D.	618.5	1026.9	N.D.	539.2	618.5	243.9	0.0771 **
VEGF	N.D.	37.3	650.4	N.D.	14.0	37.3	318.2	N.D.	881.2	622.9	19.1	386.2	504.6	393.1	0.4795

IQR, interquartile range; * = p-value<0.05; ** = p-value<0.1