

Supplementary Table 1) Cohort information and overview of clinical covariates.

PRISM number	Group #	Montreal	Age at dx	Age at surgery	Sx Date	Interval	Sx	Indication	Granuloma	LN	Abscess	Fistula	Stricture	Antibiotics	IBD ileitis	Genetics	Accession #	Involved #	Involved CCM #	Number bacterial reads involved	Uninvolved CD #	Uninvolved CCM #	Number bacterial reads uninvolved
7116	2	A2L3B2	37	40	4/6/2007	39m	ileocol	Stricturing	Yes	Yes (4)	No	No	Yes	Metronidazole OR	AZA x 38m, ASA/Entocort prev	ATG ^{int}	MS07K20764	CD-I-5	CC-M-067	671	CD-U-2	CC-M-066	742
7186	1	A2L1B3	34	34	1/21/2004	1m	ileocol	Penetrating	No	Yes (10)	Yes	No	No	Levofloxacin or Metronidazole x 7 days	Pred x 7d	ATG ^{int}	S04T3814	CD-I-20	CC-M-069	1323	CD-U-17*	CC-M-068*	NA
7067	1	A3L1B3	43	42	4/29/2005	1m	ileocol	Penetrating	No	-	No	No	No	Ciprofloxacin or Metronidazole x 2 weeks	Pred x 11d	NOD908 ^{int}	MS05X21847	CD-I-25	CC-M-071	2206	CD-U-22	CC-M-070	795
7968	2	A3L1B2p	45	50	12/1/2009	56m	ileocol	Stricturing	No	-	No	Yes	Yes	Ciprofloxacin or metronidazole x 3 weeks, Ancef/Flagyl OR	AZA 12m, Pred 12m	NODis ^{int} ATG ^{int}	MS09M77373	CD-I-65	CC-M-073	260	CD-U-63	CC-M-072	509
7522	2	A2L1B3	20	22	2/6/2007	32m	ileocol	Penetrating	No	Yes (3)	No	Yes	No	Metronidazole x 4 months	ASA x 20m, AZA x 10m, Pred x 4m	WT	MS07J08038	CD-I-56	CC-M-075	473	CD-U-53	CC-M-074	2629
7952	1	A3L3B3	62	62	8/31/2007	6m	ileocol	Penetrating	No	Yes (1)	Yes	No	No	Levofloxacin / Metronidazole x 1 month	Pred x 1m	ATG ^{int}	MS07J52737	CD-I-59	CC-M-077	277	CD-U-58	CC-M-076	19445
7141	2	A2L1B3	26	28	1/7/2006	28m	ileocol	Penetrating	-	Yes	No	Yes	Yes	Ciprofloxacin x 8 months, Metronidazole x 1 week	ASA x 26m, AZA x 25m, IFX x 12m	ATG ^{int}	MS06K01147	CD-I-11	CC-M-088	7871	CD-U-9	CC-M-094	7586
7063	2	A3L3B3	45	47	10/16/2002	27m	ileocol	Penetrating	-	Yes (8)	No	Yes	No	Metronidazole prev, Abx at OR	ASA, AZA, MTX, IFX (2) prev, none at OR	WT	S02B56615	CD-I-16	CC-M-090	7841	CD-U-13	CC-M-089	14248
7433	2	A2L3B3	17	19	1/6/2003	29m	ileocol	Penetrating	Yes (+++, necrotizing)	Yes (9)	No	Yes	Yes	Ciprofloxacin or Metronidazole x years	ASA x 29m, AZA x 18m	WT	S03X724	CD-I-51	CC-M-092	10024	CD-U-47	CC-M-091	10757
7031	1	A2L3B3	20	21	3/29/2000	19m	ileocol	Penetrating	-	-	No	Yes	Yes	Abx on and off(?), at OR	ASA	NOD702 ^{int}	S00D15285	CD-I-36	CC-M-096	3168	CD-U-32	CC-M-095**	9704
7600	1	A2L3B3p	30	29	12/10/2007	5m	ileocol	Penetrating	Yes	Yes (1)	Yes	Yes	No	multiple x 6 months, drain	6MP x 1m	NOD908 ^{int} ATG ^{int}	MS07M74450	CD-I-78	CC-M-097	5858	CD-U-76	CC-M-093	5837
7865	1	A2L1B3	32	31	2/23/2009	1m	ileocol	Penetrating	-	-	Yes	Yes	No	Ciprofloxacin or Metronidazole x 1 month	No	NOD908 ^{int} ATG ^{int}	MS09T11392	CD-I-82	CC-M-099	12381	CD-U-81	CC-M-098	10876

Red case – no uninvolved area (so eliminated from uninvs. involv comp); blue case – macrodissected uninvolved area from inflamed block