

Colon data variance estimation of candidates

Classification	Sample no.	UBC CLTC	UBB RPS13	SUI1 RPS23	NACA GAPD	FLJ20030 TPT1	CFL1 TUBA6	ACTB
Normal	I459N	3958.55	6097.34	2936.85	7499.45			
		2518.29	2410.28	1874.75	3425.96	2239.75		
		3031.86	4404.76	3204.57	2962.46			
Normal	90	4705.92	7252.68	5169.71	3367.78			
		3989.24	6360.44	6584.42	4481.03	2904.27		
		2828.19	4965.53	5632.18	4554.39			
Normal	138	1538.28	2305.99	1265.48	1882.46			
		1239.60	2482.09	2283.46	2497.37	1610.10		
		1545.22	2147.16	1910.66	1850.00			
Normal	145	2012.11	3251.92	1702.49	1993.03			
		1628.98	2865.56	2735.25	2547.03	1737.97		
		2029.65	2266.59	2511.45	2303.22			
Normal	123	2739.80	6660.88	3124.58	3760.65			
		2426.44	7677.81	7704.76	6652.33	3015.12		
		2831.53	5225.92	3506.67	8096.70			
Normal	139	3344.54	6149.64	2175.99	3862.52			
		2063.54	5710.53	4111.80	4442.88	2816.63		
		3241.66	4406.85	3722.51	3553.46			
Normal	153	4333.54	5090.95	3257.97	4340.72			
		2134.10	5879.24	3685.19	4713.66	2880.26		
		2663.46	3656.77	3550.16	6104.44			
Normal	C439-639	2825.75	3558.90	1464.83	2910.31			
		1658.21	3662.49	6702.50	2921.54	2480.90		
		2391.16	2436.64	2496.22	4218.23			
Normal	C526-724	4064.76	5589.55	3355.63	4307.07			
		2727.46	7269.54	6229.51	5712.10	3606.58		
		3224.79	5039.99	4112.83	6194.05			
Normal	C174-286	2670.53	3260.76	2045.94	2521.06			
		1896.28	3794.67	3602.57	3438.16	2777.96		
		3112.80	2760.01	2769.79	3528.83			
Dukes A	103A	5707.81	7537.55	5416.90	5390.79			
		3604.04	7225.91	4930.64	7040.96	1524.36		
		5302.32	4053.56	5066.05	4741.92			
Dukes A	112A	5391.46	10644.62	10814.62	10404.42			
		7223.42	7992.89	6149.50	6885.75	8849.46		
		11761.02	9164.50	8206.50	12122.17			
Dukes A	72A	6204.99	3910.08	7406.78	7988.22			
		5135.79	2747.37	3694.39	3409.62	6209.48		
		6374.25	4157.14	5151.87	8045.37			
Dukes A	180A	6157.59	7209.09	9556.48	6607.63			
		6590.27	7313.78	5704.48	5412.12	4928.71		
		5512.57	4890.60	5993.87	8058.29			

Dukes A	179	3428.60	3942.93	1828.70	2573.59
		3221.06	3717.93	4941.24	2972.30
		2507.02	2759.79	2698.65	3150.80
Dukes A	798-984	3952.57	4597.58	3418.58	3452.85
		6660.63	6400.62	3769.80	3478.11
		3835.90	4968.94	3905.65	4651.00
Dukes A	647-853	3825.63	4437.37	3527.49	4197.06
		5460.45	3715.28	5075.71	4378.36
		6833.87	8808.84	8254.33	8631.49
Dukes A	718-900T	7201.26	5224.15	3402.81	5815.80
		5322.13	5005.81	7170.09	4095.93
		3578.35	5596.79	4797.20	5774.25
Dukes A	425-609	3541.88	4052.46	3154.53	2914.31
		1764.98	3545.24	4627.57	3474.68
		2911.06	3173.46	3809.26	3742.75
Dukes A	521-714	5302.33	8106.67	5348.42	5848.81
		5789.94	3575.28	7410.67	4249.38
		5854.96	4584.69	6838.50	4687.84
Dukes B	S-C685T	5004.66	6738.58	5554.78	9737.98
		8308.01	8450.94	6179.28	3331.17
		9441.20	5122.17	7250.06	4344.21
Dukes B	H-C1095T	3982.20	2557.64	4537.32	2387.80
		2109.33	3161.43	2687.39	2092.00
		2278.88	4654.46	2225.16	3978.68
Dukes B	H-C558T	4716.79	5725.63	5647.97	6882.77
		4029.13	4683.33	3486.24	4213.21
		9754.52	5677.21	6964.39	4386.05
Dukes B	I-C578T	1231.36	1895.72	1321.67	3229.59
		1782.45	2917.74	1774.75	1858.36
		2077.54	1274.29	2369.95	2147.86
Dukes B	I-C800T	4086.61	7278.89	7886.91	4421.90
		2423.48	3697.27	3715.78	1830.08
		10740.16	5697.61	8508.34	6966.85
Dukes B	I-C840T	5033.92	13243.50	9066.08	9340.91
		4858.49	10980.66	6216.48	4428.10
		12221.80	9995.03	7995.71	10664.17
Dukes B	I-C532T	11931.44	9251.00	13860.22	13012.80
		13076.88	9299.28	8916.01	7092.05
		16024.67	7395.11	11388.92	11397.31
Dukes B	I-C396T	4776.18	5741.03	4372.62	3253.21
		446.16	3334.39	2214.35	1898.27
		5155.29	4013.71	4885.81	
Dukes B	S-C61	8241.99	3607.18	9727.56	8576.97
		10678.68	3742.52	3298.47	6300.31
		7949.44	6451.67	6986.30	3967.30

Dukes B	I-C451	4511.83	8659.20	6277.99	7235.32				
		7138.49	5709.53	6575.17	5429.72	6722.05			
		7497.88	8975.81	5128.30	9210.64				
Dukes C	S-U20T	3560.30	3937.48	3508.78	6672.36				
		4953.67	2622.74	3223.87	2367.40	5590.82			
		7645.96	2247.57	9100.87	2648.39				
Dukes C	C-C108T	857.83	1284.08	910.48	1797.00	818.42			
		1166.60	921.87	920.38	1146.99	1862.91	1409.28		
		1689.71	1149.85						
Dukes C	C-C215T	2947.83	4760.91	3663.27	4838.07				
		1513.25	4575.58	4346.73	2770.98	2768.08			
		4427.38	5714.05	3625.27	4743.43				
Dukes C	C-C242T	116.89	127.18	125.47	144.37	110.13	103.70	114.47	90.77
		58.09	129.60	212.68	196.75	96.83			
Dukes C	C-C415T	4724.34	4355.37	6713.07	7913.05				
		9462.04	6967.93	6224.39	4835.06	5850.36			
		5595.34	4620.30	5867.08	7681.06				
Dukes C	C-C492T	6953.87	5202.75	6258.38	6687.99				
		4360.18	7116.15	8151.69	4428.52	4572.46			
		8442.93	5641.73	8022.63	4975.93				
Dukes C	I-U58T	4252.38	6182.80	3996.02	5558.34				
		8573.48	4492.80	3917.35	2734.87	3278.80			
		6144.38	4487.96	4990.69	3495.83				
Dukes C	I-C768T	3663.80	7544.72	2808.79	12555.35				
		6359.40	6965.74	3396.25	3198.26	4030.86			
		8202.12	5359.22	4296.39	4314.38				
Dukes C	I-C1034T	2349.34	2962.61	1975.51	2285.18				
		2221.76	2293.35	2097.19	1294.14	1814.74			
		2815.27	2583.82	3412.88	1723.03				
Dukes C	I-C1056T	1041.20	1368.16	533.07	1691.63	895.84			
		1147.16	705.42	673.96	420.51	878.27	383.52	1045.43	695.23

#### Bladder data variance estimation of candidates

Grade	Sample no.	ATP5B	HSPCB	S100A6	FLOT2	TEGT
	UBB TPT1	CFL1 ACTB	RPS13 RPS23	GAPD UBC	FLJ20030	
Ta	335-6	26111.47	12180.70	24028.90	64747.61	38842.49
		9790.97	11841.62	5104.02	3399.07	11454.43
		8200.26	5894.79	6897.57	10834.64	
Ta	1131-1	30323.88	15560.50	21317.99	65571.77	50443.78
		11295.03	12585.53	4922.07	3419.79	14257.45
		13438.27	9120.68	7900.47	13610.70	
Ta	1250-1	30921.25	16655.81	24028.90	43246.07	42768.41
		12631.56	12557.93	5945.21	4839.77	8964.92
		12668.98	6842.03	9207.41	12835.31	

Ta	1206-1	12604.82	3754.86	7057.06	18972.31	5037.44
		5359.05	8213.53	2179.25	1623.63	5476.75
		3439.84	1560.40	2710.38	4828.79	
Ta	876-1	14733.78	9665.60	17503.27	41616.89	29909.31
		4912.60	6095.82	4462.66	1973.00	5678.69
		4172.95	6505.25	6740.97	7720.24	
Ta	1216-1	34760.83	15455.01	28453.02	87697.68	48404.58
		12169.34	12466.17	6298.89	3954.09	11073.60
		10326.08	10768.40	6493.19	13610.70	
Ta	825-3	27685.22	13489.17	24028.90	37437.45	26065.69
		10949.53	7441.49	4635.99	3305.09	6273.49
		6484.57	7389.78	5978.56	6516.87	
Ta	1264-1	40897.02	20989.83	42805.39	103016.73	66417.41
		11155.54	9619.54	8632.38	5785.19	15530.30
		13780.62	14790.58	11394.14	14339.18	
Ta	967-3	38823.90	19743.36	39337.00	71318.13	34319.71
		11225.07	8148.00	8799.37	5593.89	9133.29
		11183.81	6472.15	7861.82	9448.76	
Ta	320-7	9909.38	3460.54	2506.59	12290.29	8793.18
		2245.55	3783.48	2191.49	2241.89	2711.18
		2388.04	1917.92	3696.30	2961.79	
T1	686-1	40368.58	20150.40	35394.00	35859.19	35765.54
		12093.97	12280.62	5933.40	4243.12	21547.97
		14282.00	8301.00	6481.18	8568.76	
T1	881-1	7205.55	3507.94	1417.02	6592.28	5701.30
		1995.51	1742.21	2267.60	3042.41	1248.62
		1677.04	1551.09	1797.11	1189.30	
T1	825-5	28974.53	13127.09	35394.00	45713.08	31819.12
		9374.27	9766.75	4845.13	3540.33	9032.07
		9832.20	9807.91	5550.02	9572.73	
T1	837-1	11811.25	6514.56	10997.26	27678.01	12924.38
		6337.86	4724.80	3174.95	3123.50	3147.74
		3530.66	3740.86	5190.00	3485.90	
T1	812-1	23378.81	8209.71	18130.50	33009.39	30743.54
		6871.02	9186.34	3392.97	1964.76	7429.18
		7387.79	3626.37	6239.89	4494.72	
T1	919-1	32151.51	19878.11	54384.36	52016.72	29909.31
		10226.19	7849.22	7900.02	4413.70	9160.76
		8849.32	5314.31	7487.67	9572.73	
T1	847-1	28230.60	8493.74	9688.10	18777.10	25887.04
		1085.47	3629.38	6163.83	4255.06	3073.86
		2688.04	7454.18	5147.08	3696.49	
T1	839-1	77348.09	32661.23	43107.87	105040.74	96952.53
		12321.51	34709.07	16611.82	13969.84	21513.13
		13664.58	18175.26	17158.80	133210.99	

T2-4	875-1	27505.78	14243.57	17017.15	64425.35	34319.71
		10418.59	12537.67	4465.57	2988.78	12147.51
		10586.96	7440.09	5918.31	6307.93	
T2-4	1014-1	4453.35	2496.56	2968.09	6101.74	4014.62
		2302.05	1681.57	2465.37	3040.91	1660.06
		1401.24	2197.12	2626.80	1328.64	
T2-4	1353-1	37338.32	20847.53	20580.49	30916.03	32932.33
		11155.54	10095.46	11413.71	10680.68	15837.97
		8667.70	23408.51	12821.29	13260.46	
T2-4	839-2	44504.55	19476.57	4724.02	23283.45	40758.21
		7311.46	5459.90	8179.40	10147.73	13486.26
		8648.76	12004.47	12428.89	10151.03	
T2-4	607-1	28047.62	15246.18	25781.90	70529.59	41607.88
		4205.84	6123.03	6190.66	3397.94	8100.87
		7589.90	11344.94	8028.62	11489.17	
T2-4	1271-1	36379.65	15989.71	17017.15	72003.59	29097.72
		13358.02	8968.07	10563.62	10173.66	16907.79
		6806.21	14190.91	8306.01	8968.74	
T2-4	941-6	35909.59	13038.10	24541.90	14804.85	20489.40
		9730.33	10633.28	6260.10	3983.50	11095.79
		11689.39	7660.58	4950.94	6145.61	
T2-4	501-5	39846.98	11853.74	28654.08	30192.86	56311.54
		4732.84	9594.73	6900.14	4910.96	4827.35
		7141.44	15950.87	8008.77	11193.53	
T2-4	1164-1	26974.39	4390.77	5140.55	13226.11	17017.04
		5809.87	3661.30	5047.27	2975.01	4133.60
		2351.13	8944.65	6512.50	6105.69	
T2-4	1356-1	26281.82	10206.17	10249.52	57891.13	30115.72
		9975.18	2788.52	6968.89	5261.50	5367.41
		4813.71	7271.32	6203.09	7000.00	

#### Bladder data for reproducibility evaluation

Grade	Sample no.	CD14	FCN1	CCNG2	NPAS2	UBC	CFL1	ACTB
	GAPD							
Ta	1131-1	2054.55	187.76	12308.9	11388.28	7685	4687.12	
		3298.25	6698.47					
Ta	1206-1	1776.34	945.44	2834.46	5520.14	2017.17		
		1757.24	1467.79	1060.93				
Ta	1250-1	1722.81	315.42	9826.56	7752.08	7400.52		
		4529.49	4437.42	3557				
Ta	335-6	966.8	244.49	5550.63	5040.55	5004.01	4056.45	
		3795.94	2900.2					
Ta	1216-1	4332.81	1350.23	9967.58	10459.81	7100.37		
		6687.05	4948.31	7757.68				

Ta	876-1	1300.47	3078.42	6159.54	4381.58	5294.31
		3812.13	2455.57	4028.29		
Ta	112-10	301.71	166.28	2430.35	3222.77	3729.1
		2209.09	3795.86			2154.77
Ta	1264-1	1014.75	1431.81	8399.27	9089.73	8692.98
		7714.75	5979.18	9024.47		
Ta	320-7	4530.44	11606.31	1712.72	1030.34	2443.99
		1643.73	2333.12	1089.51		
Ta	669-7	652.68	29.14	1724.1	3678.09	1562.08
		1568.6				1795.97
						925.21
Ta	825-3	1578.98	1323.03	5639.35	2042.26	4137.26
		3710.28	3605.18	4329		
Ta	967-3	1301.57	1783.89	7577.6	2729.68	2261.74
		3266.45	2927.03	1581.2		
T2-4	1044-1	12474.42	11171.46	891.45	1516.78	1807.31
		1259.82	2556.15	1388.39		
T2-4	1078-1	16596.97	9022.03	955.3	379.09	3311.5
		5719.39	3680.96			3372.68
T2-4	1133-1	3597.94	1918.24	976.51	1033.67	1072.88
		1394.85	745.72			1733.7
T2-4	1178-1	14183.3	7802.48	1246.82	833.24	2103.99
		1498.31	4488.93	1108.15		
T2-4	1014-1	14251.66	15996.32	692.85	139.8	1376.63
		2738.45	995.8			1664.08
T2-4	875-1	811.63	249.97	6781.82	4016.46	4380.5
		2916.12	4248.11			3982.16
T2-4	1353-1	23927.5	3676.7	4106.06	1981.06	10643.95
		12291.91	13315.49	14518.47		
T2-4	1271-1	25467.43	17524.98	3224.34	1491.05	5612.83
		9613.57	11127.49	8231.43		
T2-4	607-1	1581.07	1631.53	7045.92	8856.13	7944.42
		6908.3	3993.58	6862.72		
T2-4	839-2	6293.64	3235.57	6995.54	2058.52	9042.57
		6571.03	10954.07	6149.13		
T2-4	941-6	3574.46	2428.31	4899.58	3623.69	2982.21
		5323.77	3721.39	3780.08		
T2-4	1164-1	4815.94	2172.27	818.99	2213.81	4622.23
		2972.25	5301.32			4236.8
T2-4	1356-1	5618.23	6599.16	4242.97	2558.3	5193.59
		6339.62	5820.91	3854.12		
T2-4	501-5	2205.4	616.96	5060.28	2552.25	8250.61
		5670.02	10752.65			7143.7