

2/14/19 WCM GH

McDonald Pituitary Adenoma TMA Block (includes all cases; even small/scant)
0.6 mm in diam. quadruplicates from each donor block; 1mm spacing

1	2	3	4	5	35	44	1	2	3	4	37	5	6	22	40	8	44	9	10	6	22	38	8	40	9	10	
21	2	3	4	5	35	40	1	2	3	4	38		6	22	38	8	40	9	10	6	22	38	8	40	9	10	
20	3	4	5	6	35	40	19	18	17	16	216	15	14	35	39	13	12	11	10	15	14	13	39	12	11	10	
20	19	18	17	16	24	35	20	19	18	17	216	15	14	35	38	13	12	11	10	15	14	13	39	12	11	10	
21	22	23	24	25	35	43	15	21	22	23	24	40	25	26	27	28	43	29	30	25	26	27	28	40	28	29	30
21	22	23	24	25	35	43	15	21	22	23	24	44	25	26	27	28	37	29	30	25	26	27	28	44	28	29	30
42	25	41	42	41	25	36	42	41	40	23	41	36	35	34	33	32	31	30	31	36	35	34	33	32	31	30	31
36	35	34	33	32	31	30	36	35	34	33	32	31	36	35	34	33	32	31	36	35	34	33	32	31	30	31	30

CONTROL = GRANULOSA CELL TUMOR

CONTROL = GRANULOSEA THECA CELL TUMOR

CONTROL = PARATHYROID ADENOMA

CONTROL = SCHWANNOMA

CONTROL = NORMAL PITUITARY

Positive controls.
(14) Gt-09-12
normal pituitary ctrl

(16)

USC8 - 14680

GH⁺

rLUR

(14)

K503 - 8118

normal pit. control.

(43)

E109 - 18

GH⁺

(26)

AS05 6718

GH⁺

Core#	Hos	Yr	No.	Block(s)	Prior Dx
1	US	07	15157	A	prolactinoma
2	US	08	2344	A,D	unknown
3	AS	08	5683	A	nonsynthetic adenoma
4	US	08	5441	A	nonsynthetic adenoma
5	US	08	3716	B	prolactinoma
6	US	08	8699	B	possible gonadotroph
7	AS	09	21389	C2	atypical pituitary adenoma, TSH-producing
8	US	08	11186	B	nonsynthetic adenoma
9	AS	03	1622	A	nonsynthetic adenoma
10	AS	03	3360	A	nonsynthetic adenoma
11	AS	03	4964	A,B	thyrotroph
12	AS	03	5707	A	possible gonadotroph
13	AS	03	7294	B	prolactinoma
14	AS	03	8118	A	adrenocorticotroph
15	AS	03	9063	B	thyrotroph
16	US	08	14080	A	HGH sparsely granulated
17	US	08	15242	C1,C2	nonsynthetic adenoma
18	AS	06	1246	A1,A2,A4	possible gonadotroph
19	AS	06	6033	A	nonsynthetic adenoma
20	AS	06	6518	A2,A3,B2	nonsynthetic adenoma
21	AS	06	7217	B,D1,D2	gonadotroph
22	AS	06	13040	A1	adrenocorticotroph

23	AS	06	34361	A1	somatotroph
24	AS	06	33344	B1,B2,B3	nonsynthetic adenoma
25	AS	05	3390	A1	unknown
26	AS	05	6718	B	unknown
27	AS	04	3812	A1,A2	possible gonadotroph
28	AS	04	4668	A	unknown
29	AS	04	5614	A	prolactinoma
30	AS	07	2076	A	nonsynthetic adenoma
31	AS	07	1450	A	focus of trapped pituitary?
32	AS	07	3514	B	nonsynthetic adenoma
33	AS	07	6129	A	adrenocorticotroph
34	AS	07	8819	A2	possible gonadotroph
35	AS	08	30796	B2	possible gonadotroph
36	AS	08	31652	B1	nonsynthetic adenoma
37	AS	09	5932	A2,A3	control-granulosa cell tumor
38	AS	06	29108	A7	control-granulosa theca cell tumor
39	US	09	70981	3	control-parathyroid adenoma
40	US	09	70981	3	control-parathyroid adenoma
41	AS	07	9740	B1	HGH,PRL,possibly ACTH staining
42	AA	09	42	32,33	no hormone production
43	EA	09	18	18	normal pituitary control
44	GA	09	12	12	normal pituitary control

2/14/19 W/CY

McDonald_pituitary adenoma tma2 block2; quadruples each case; 1mm spacing; 0.6 mm diameter cores

block 1

/	1	2	00 ₃	25 ₄	00 ₅	00 ₆	00 ₁	2	00 ₃	25 ₄	00 ₅	00 ₆	54	/	53	/	52	00 ₁	00 ₅₀	/	49	
/	1	2	00 ₃	25 ₄	00 ₅	00 ₆	/	1	2	00 ₃	25 ₄	22 ₅	00 ₆	54	/	53	/	52	00 ₁	21 ₅₀	/	49
/	7	00 ₈	00 ₉	15 ₁₀	11	12	/	7	00 ₈	00 ₉	10	00 ₁₁	12	00 ₁₈	/	47	/	46	00 ₄₅	25 ₄₄	/	43
00 ₇	00 ₈	00 ₉	00 ₁₀	00 ₁₁	00 ₁₂	/	7	00 ₈	00 ₉	00 ₁₀	00 ₁₁	12	00 ₁₈	00 ₄₇	00 ₄₆	00 ₄₅	25 ₄₄	/	43	00 ₄₈	47	
00 ₁₃	00 ₁₄	00 ₁₅	00 ₁₆	00 ₁₇	00 ₁₈	/	00 ₁₃	00 ₁₄	00 ₁₅	00 ₁₆	00 ₁₇	00 ₁₈	00 ₄₂	00 ₄₁	/	40	00 ₃₉	00 ₃₈	25 ₃₇	/	37	
00 ₁₃	00 ₁₄	00 ₁₅	00 ₁₆	00 ₁₇	00 ₁₈	/	00 ₁₃	00 ₁₄	00 ₁₅	00 ₁₆	00 ₁₇	00 ₁₈	00 ₄₂	00 ₄₁	/	40	00 ₃₉	00 ₃₈	25 ₃₇	/	37	
00 ₁₉	00 ₂₀	00 ₂₁	00 ₂₂	00 ₂₃	00 ₂₄	/	00 ₁₉	00 ₂₀	00 ₂₁	00 ₂₂	00 ₂₃	00 ₂₄	00 ₃₆	00 ₃₅	/	34	00 ₃₃	00 ₃₂	00 ₃₁	/	31	
00 ₁₉	00 ₂₀	00 ₂₁	00 ₂₂	00 ₂₃	00 ₂₄	/	00 ₁₉	00 ₂₀	00 ₂₁	00 ₂₂	00 ₂₃	00 ₂₄	00 ₃₆	15 ₃₅	/	34	00 ₃₃	00 ₃₂	00 ₃₁	/	31	
00 ₂₅	00 ₂₆	00 ₂₇	00 ₂₈	00 ₂₉	00 ₃₀	/	00 ₂₅	00 ₂₆	00 ₂₇	00 ₂₈	00 ₂₉	00 ₃₀	00 ₄₂	00 ₄₁	/	40	00 ₃₉	00 ₃₈	25 ₃₇	/	37	
00 ₂₅	00 ₂₆	00 ₂₇	00 ₂₈	00 ₂₉	00 ₃₀	/	00 ₂₅	00 ₂₆	00 ₂₇	00 ₂₈	00 ₂₉	00 ₃₀	00 ₄₂	00 ₄₁	/	40	00 ₃₉	00 ₃₈	25 ₃₇	/	37	

Pos
contd

(4) US09 - 76482 PLUR6H

GH

(44) ASL - 14765
(43) MR

Polyclonal rabbit anti-human

100K

(37) US11-71478

GH

McDonald_pituitary adenoma tma2 block2; quadruples each case; 1mm spacing; 0.6 mm diameter cores

block 2

cc 55	cc 56	cc 57	cc 58	cc 59	cc 60	cc 55	cc 56	cc 57	cc 58	cc 59	cc 60	cc 105	cc 104	cc 103	cc 102	cc 101	cc 100	cc 105	cc 104	cc 103	cc 102	cc 101	cc 100
cc 55	cc 56	cc 57	cc 58	cc 59	cc 60	cc 55	cc 56	cc 57	cc 58	cc 59	cc 60	cc 105	cc 104	cc 103	cc 102	cc 101	cc 100	cc 105	cc 104	cc 103	cc 102	cc 101	cc 100
cc 61	cc 62	cc 63	cc 64	cc 65	cc 66	cc 61	cc 62	cc 63	cc 64	cc 65	cc 66	cc 99	cc 98	cc 97	cc 96	cc 95	cc 94	cc 99	cc 98	cc 97	cc 96	cc 95	cc 94
cc 67	cc 68	cc 69	cc 70	cc 71	cc 72	cc 67	cc 68	cc 69	cc 70	cc 71	cc 72	cc 93	cc 92	cc 91	cc 90	cc 89	cc 88	cc 93	cc 92	cc 91	cc 90	cc 89	cc 88
cc 73	cc 74	cc 75	cc 76	cc 77	cc 78	cc 73	cc 74	cc 75	cc 76	cc 77	cc 78	cc 93	cc 92	cc 91	cc 90	cc 89	cc 88	cc 93	cc 92	cc 91	cc 90	cc 89	cc 88
cc 73	cc 74	cc 75	cc 76	cc 77	cc 78	cc 73	cc 74	cc 75	cc 76	cc 77	cc 78	cc 93	cc 92	cc 91	cc 90	cc 89	cc 88	cc 93	cc 92	cc 91	cc 90	cc 89	cc 88
cc 79	cc 80	cc 81	cc 82	cc 83	cc 84	cc 79	cc 80	cc 81	cc 82	cc 83	cc 84	cc 93	cc 92	cc 91	cc 90	cc 89	cc 88	cc 93	cc 92	cc 91	cc 90	cc 89	cc 88
cc 79	cc 80	cc 81	cc 82	cc 83	cc 84	cc 79	cc 80	cc 81	cc 82	cc 83	cc 84	cc 93	cc 92	cc 91	cc 90	cc 89	cc 88	cc 93	cc 92	cc 91	cc 90	cc 89	cc 88

(64)
(98)

ARRAY ID #	Slide ID	Shipping Box #	Block ID	Shipping Box #	Comments
1	AS09-7768 A2	Slide Box # 1	AS09-7768 A2	Block Box # 1	
2	AS09-9083 B1	Slide Box # 1	AS09-9083 B	Block Box # 1	
3	US09-75566 B	Slide Box # 1	US09-75566 B2	Block Box # 1	slide and block rcvd labeled as US09-75566-B2; instead of "B" as originally listed
4	US09-76482 A2	Slide Box # 1	US09-76482 2	Block Box # 1	
5	AS09-20651 A1	Slide Box # 1	AS09-20651 A	Block Box # 1	
6	US09-80219 D	Slide Box # 1	US09-80219 D1	Block Box # 1	
7	AS09-22457 B	Slide Box # 1	AS09-22457 B	Block Box # 1	
8	AS09-23324 B1	Slide Box # 1	AS09-23324 B	Block Box # 1	
9	AS09-23648 B1	Slide Box # 1	AS09-23648 B1	Block Box # 1	
10	US09-83573 A1	Slide Box # 1	US09-83573 1	Block Box # 1	
11	AS09-28695 A1	Slide Box # 1	AS09-28695 A1	Block Box # 1	
12	AS09-29015 A1	Slide Box # 1	AS09-29015 A	Block Box # 1	probably sufficient for 3 cores instead of 4; after that material will be exhausted
13	US09-84320 D1	Slide Box # 1	US09-84320 D1	Block Box # 1	
14	US09-85522 A1	Slide Box # 1	US09-85522 A1	Block Box # 1	
15	AS09-33874 A	Slide Box # 1	AS09-33874 A	Block Box # 1	
16	US09-70026 B	Slide Box # 1	US09-70026 B	Block Box # 1	specim rcvd has YEAR 2010 (US10-70026-B), instead of 2009 as originally listed
17	AS10-666 B	Slide Box # 1	AS10-666 B	Block Box # 1	
18	AS10-3925 B1	Slide Box # 1	AS10-3925 B	Block Box # 1	
19	AS10-4663 B2	Slide Box # 1	AS10-4663 B2	Block Box # 1	
20	AS10-7528 A2	Slide Box # 1	AS10-7528 A2	Block Box # 1	
21	AS10-11755 A1	Slide Box # 1	AS10-11755 A	Block Box # 1	probably sufficient for 2 cores instead of 4; after that material will be exhausted
22	US10-76251 B	Slide Box # 1	US10-76251 B	Block Box # 1	
23	AS10-18351 A2	Slide Box # 1	AS10-18351 A2	Block Box # 1	
24	AS10-18609 A3	Slide Box # 1	AS10-18609 A3	Block Box # 1	
25	US10-78355 A	Slide Box # 1	US10-78355 AFSI	Block Box # 1	slide rcvd labeled as US10-78355-AFSI; block is AFSI
26	AS10-20734 A1	Slide Box # 1	AS10-20734 A1	Block Box # 1	
27	US10-80659 C2	Slide Box # 1	US10-80659 C2	Block Box # 1	
28	AS10-24834 B2	Slide Box # 1	AS10-24834 B2	Block Box # 1	
29	AS10-26639 A1	Slide Box # 1	AS10-26639 A1	Block Box # 1	
30	AS10-27869 A1	Slide Box # 1	AS10-27869 A1	Block Box # 1	
31	AS09-18582	Slide Box # 1	AS09-18582 A	Block Box # 1	
32	AS10-33915 A1	Slide Box # 1	AS10-33915 A	Block Box # 1	
33	US10-85351 B	Slide Box # 1	US10-85351 B1	Block Box # 1	
34	US10-85924 C1	Slide Box # 1	US10-85924 C1	Block Box # 1	
35	AS10-38847 A1	Slide Box # 1	AS10-38847 A1	Block Box # 1	
36	AS11-22 A1	Slide Box # 1	AS11-22 A1	Block Box # 1	
37	US11-71478 B1	Slide Box # 1	US11-71478 B1	Block Box # 1	
38	AS11-4364 A1	Slide Box # 1	AS11-4364 A	Block Box # 1	
39	US11-72000 A1	Slide Box # 1	US11-72000 A1	Block Box # 1	probably sufficient for 2 cores instead of 4; after that material will be exhausted

40	US11-72069 A1	Slide Box # 1	US11-72069 A1	Block Box # 1
41	US11-72660 A1	Slide Box # 1	US11-72660 A1	Block Box # 2
42	US11-72753 B1	Slide Box # 1	US11-72753 B1	Block Box # 2
43	US11-73838 B1	Slide Box # 1	US11-73838 B1	Block Box # 2
44	AS11-14765 A2	Slide Box # 1	AS11-14765 A2	Block Box # 2
45	AS11-16901 B1	Slide Box # 1	AS11-16901 B1	Block Box # 2
46	AS11-18780 A2	Slide Box # 1	AS11-18780 A2	Block Box # 2
47	AS11-19359 A1	Slide Box # 1	AS11-19359 A1	Block Box # 2
48	AS11-20006 A3	Slide Box # 1	AS11-20006 A3	Block Box # 2
49	US11-78196 A1	Slide Box # 1	US11-78196 A1	Block Box # 2
50	AS11-21001 A2	Slide Box # 1	AS11-21001 A2	Block Box # 2
51	AS11-22128 A1	Slide Box # 1	AS11-22128 A1	Block Box # 2
52	US11-79427 C1	Slide Box # 1	US11-79427 C1	Block Box # 2
53	AS11-27945 A1	Slide Box # 1	AS11-27945 A1	Block Box # 3
54	US11-81963 A1	Slide Box # 1	US11-81963 A1	Block Box # 3
55	US11-82512 B1	Slide Box # 1	US11-82512 B1	Block Box # 3
56	AS11-31340 A1	Slide Box # 1	AS11-31340 A1	Block Box # 3
57	US11-82615 C1	Slide Box # 1	US11-82615 C1	Block Box # 3
58	US11-83683 A1	Slide Box # 1	US11-83683 A1	Block Box # 3
59	AS11-34393 A1	Slide Box # 1	AS11-34393 A1	Block Box # 3
60	US11-84148 A1	Slide Box # 1	US11-84148 A1	Block Box # 3
61	US12-71292 A1	Slide Box # 1	US12-71292 A1	Block Box # 3
62	AS12-7758 B1	Slide Box # 1	AS12-7758 B1	Block Box # 3
63	US12-72164 A3	Slide Box # 1	US12-72164 A3	Block Box # 3
64	US12-72665 A1	Slide Box # 1	US12-72665 A1	Block Box # 3
65	AS12-13768 A1	Slide Box # 1	AS12-13768 A1	Block Box # 4
66	US12-73496 B1	Slide Box # 1	US12-73496 B1	Block Box # 4
67	US12-73901 B2	Slide Box # 1	US12-73901 B2	Block Box # 4
68	AS12-20290 A1	Slide Box # 1	AS12-20290 A1	Block Box # 4
69	US12-78050 A1	Slide Box # 1	US12-78050 A1	Block Box # 4
70	US12-78429 A1	Slide Box # 1	US12-78429 A1	Block Box # 4
71	US12-79099 C1	Slide Box # 1	US12-79099 C1	Block Box # 4
72	AS12-46489 C1	Slide Box # 1	AS12-46489 C1	Block Box # 4
73	AS12-47006 A1	Slide Box # 1	AS12-47006 A1	Block Box # 4
74	US12-80183 A1	Slide Box # 1	US12-80183 A1	Block Box # 4
75	US12-80418 A1	Slide Box # 1	US12-80418 A1	Block Box # 4
76	US12-80565 A1	Slide Box # 1	US12-80565 A1	Block Box # 4
77	AS13-4913 A1	Slide Box # 1	AS13-4913 A1	Block Box # 5
78	US13-71291 A1	Slide Box # 1	US13-71291 A1	Block Box # 5
79	AS13-9143 A1	Slide Box # 1	AS13-9143 A1	Block Box # 5

80	AS13-9283 A2	Slide Box # 1	AS13-9283 A2	Block Box # 5
81	AS13-10990 A1	Slide Box # 1	AS13-10990 A1	Block Box # 5
82	AS13-14267 A1	Slide Box # 1	AS13-14267 A1	Block Box # 5
83	AS13-16867 A1	Slide Box # 1	AS13-16867 A1	Block Box # 5 slide and block rcvd labeled as AS13-16867-B1; instead of "A1" as originally listed
84	AS13-19984 A2	Slide Box # 1	AS13-19984 A2	Block Box # 5
85	AS13-20467 A3	Slide Box # 1	AS13-20467 A3	Block Box # 5
86	US13-74838 A1	Slide Box # 1	US13-74838 A1	Block Box # 5
87	AS13-30867 A1	Slide Box # 1	AS13-30867 A	Block Box # 5
88	AS13-32033 B2	Slide Box # 1	AS13-32033 B2	Block Box # 5
89	AS13-41881 B1	Slide Box # 1	AS13-41881 B1	Block Box # 6
90	AS13-44937 B1	Slide Box # 1	AS13-44937 B1	Block Box # 6
91	AS13-45897 B1	Slide Box # 1	AS13-45897 B1	Block Box # 6
92	AS13-53274 A1	Slide Box # 1	AS13-53274 A1	Block Box # 6
93	AS13-56332 B1	Slide Box # 1	AS13-56332 B1	Block Box # 6 probably sufficient for 2 cores instead of 4; after that material will be exhausted
94	AS14-8450 A2	Slide Box # 1	AS14-8450 A2	Block Box # 6
95	AS14-12056 A4	Slide Box # 1	AS14-12056 A4	Block Box # 6
96	AS14-14130 A1	Slide Box # 1	AS14-14130 A1	Block Box # 6
97	AS14-16181 A1	Slide Box # 1	AS14-16181 A1	Block Box # 6
98	AS14-26550 A1	Slide Box # 1	AS14-26550 A1	Block Box # 6
99	AS14-29239 A1	Slide Box # 1	AS14-29239 A1	Block Box # 6
100	AS14-30726 A1	Slide Box # 1	AS14-30726 A1	Block Box # 6
101	US14-75361 A1	Slide Box # 2	US14-75361 A1	Block Box # 7
102	AS14-36645 A1	Slide Box # 2	AS14-36645 A1	Block Box # 7
103	AS14-38698 A2	Slide Box # 2	AS14-38698 A2	Block Box # 7
104	AS14-39653 A1	Slide Box # 2	AS14-39653 A1	Block Box # 7
105	US14-76557 A1	Slide Box # 2	US14-76557 A1	Block Box # 7

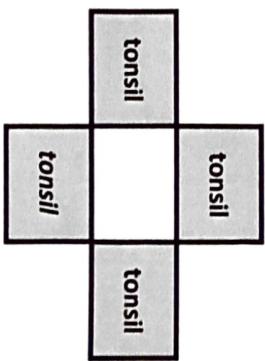
214119 wcm GH

McDonald_pituitary adenoma TMA for UPenn cases; quadruples each case; 1mm spacing; 0.6 mm diameter cores

1 block

cc 1	00 2	/ 3	/ 4	00 5	00 6
cc 1	2	5 0 3	4	00 5	00 6
cc 7	00 8	00 9	00 10	11	12
cc 7	00 8	00 9	10	11	12
cc 1	2	00 3	4	00 5	00 6
cc 7	00 8	00 9	00 10	11	12
cc 7	00 8	00 9	10	11	12

cc 13	00 14	/ 15	00 16	/ 17	/ 18
✓ 13	00 14	/ 15	16	/ 17	00 18
35 19	35 20	25 21	15 22	35 19	35 20
35 19	35 20	25 21	15 22	35 19	35 20
00 13	00 14	/ 15	00 16	/ 17	/ 18
00 13	00 14	/ 15	00 16	/ 17	/ 18
25 21	15 22				
25 21	15 22				



TMA id#	<u>SurgPathNopK</u>	TMA3.0ID	Block	Comments
1	HS-15-0032918	1	3A	
2	HS-15-0021890	2	2A	
3	HS-15-0026349	3	2A	
4	HS-15-0027449	4	1B	
5	HS-15-0031370	5	2F	
6	HS-15-0013849	6	2A	
7	HS-14-0014911	7	1B	
8	HS-14-0008692	8	2A	
9	HS-14-0027294	9	1B	
10	HS-15-0005759	10	1B	
11	HS-15-0006700	11	1B	
12	HS-15-0028110	12	1B	
13	HS-15-0012330	13	2A	
14	HS-15-0010144	14	1B	slide received broken
15	HS-15-0009322	15	2A	
16	HS-14-0026043	16	2A	
17	HS-14-0026024	17	2A	
18	HS-14-0024484	18	2A	bony tissue is present
19	HS-15-0030978	19	2B	
20	HS-13-0013998	20	2A	bony tissue is present
21	HS-13-0019960	21	2A	slide received broken
22	HS-13-0020613	22	2A	

Positive controls (19) HS-15-0030978 Plus GT
 (20) HS-13-0013998 GLT+

(21) HS-13-0019960

RLT