

WCM Tpit 3/15/19

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

1	/1	cc	2	/3	/4	5	cc	44	cc	37	cc	5	/6	cc	7	cc	8	cc	44	/9	cc	10	24	
75	cc	00	1	2	cc	3	cc	4	cc	5	cc	40	/1	cc	00	2	cc	3	cc	4	cc	38	48	
17	cc	00	20	19	cc	18	cc	17	cc	16	cc	39	cc	00	19	cc	18	cc	17	cc	16	cc	32	
73	cc	00	20	19	cc	18	cc	17	cc	16	cc	20	cc	3	43	/1	cc	19	cc	18	cc	17	cc	16
97	cc	32	21	22	cc	23	cc	24	cc	25	cc	43	cc	21	cc	22	cc	23	cc	24	cc	25	cc	26
121	cc	35	21	22	cc	23	cc	24	cc	25	cc	37	cc	21	cc	22	cc	23	cc	24	cc	25	cc	26
145	cc	42	41	cc	41	cc	42	144																
165	cc	36	35	34	34	33	33	32	32	31	31	36	35	34	34	33	32	31	36	35	34	33	32	164
	cc	36	35	34	34	33	33	32	32	31	31	36	35	34	34	33	32	31	36	35	34	33	32	176

CONTROL = GRANULOSA CELL TUMOR

CONTROL = GRANULOSA _ THECA CELL TUMOR

CONTROL = PARATHYROID ADENOMA

CONTROL = SCHWANNOMA

CONTROL = NORMAL PITUITARY

occasional cytopl. staining
'frozen' e.g. (?)

data entered

2121119
WCM

14 Cushing's plus → plus
ACTH → ACTH
22 Cushing's plus → (?) ACTH
28 Cushing's plus → (?) ACTH
(Cushing's = 0 ACTH = 0)

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 (^{? normal in end of cases})
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

? contain? Trait WCM 2/15/19

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

block 1

1	1	2	00	00	4	00	5	00	6	00	1	2	00	3	00	4	00	5	00	6	00	1	54	53	52	00	50	49	54	53	52	00	50	49	24				
75	75	75	00	00	2	00	3	00	4	00	5	00	6	00	1	00	2	00	3	00	4	00	5	00	6	00	54	53	52	00	50	49	48						
79	00	7	35	8	00	9	00	10	00	11	00	12	00	13	35	9	00	10	00	11	00	12	00	13	35	9	00	10	00	47	46	45	00	44	43	72			
73	00	7	33	8	00	9	00	10	00	11	00	12	00	13	33	9	00	10	00	11	00	12	00	13	33	9	00	10	00	48	47	46	00	44	43	96			
97	00	3	00	14	00	15	35	16	00	17	00	18	00	19	00	14	00	15	25	16	00	17	00	18	00	19	00	20	24	41	24	40	00	39	25	00	37	120	
121	00	13	00	14	00	15	16	00	17	00	18	00	19	00	14	00	15	16	00	17	00	18	00	19	00	20	24	42	24	41	35	40	00	39	25	00	38	144	
145	00	19	00	20	00	21	00	22	00	23	00	24	00	25	00	19	00	20	21	00	22	00	23	00	24	00	25	00	36	00	34	00	33	00	32	35	38	37	168
169	00	19	00	20	00	21	00	22	00	23	00	24	00	25	00	19	00	20	21	00	22	00	23	00	24	00	25	00	36	00	34	00	33	00	32	35	31	192	

193	35	25	00	26	00	27	00	28	00	29	00	30	00	35	25	00	26	00	27	00	28	00	29	00	30	00	35	24	24	40	00	39	25	00	37	204
265	35	25	00	26	00	27	00	28	00	29	00	30	00	35	25	00	26	00	27	00	28	00	29	00	30	00	35	24	24	40	00	39	25	00	38	216

(8) case 10 55 AS09 23324 ACTH → ACTH

(6) 64 US10-70026 Nucl → ACTH [cams. 2 = 8, 45n 5]

(25) 73 US10-78355 ACTH → ACTH

(40) 88 US11-72669 ACTH → ACTH

(41) 90 US11-72660 Nucl → ACTH [cams. 2 = 8,]

(42) 91 US11-72753 ACTH → ACTH

Tpit WCM 2115/19

block 2

217

~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~

240

~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~

264

~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~

288

~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~

312

~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~

336

~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~~~cx~~

360

(56) Case 100 105 AS11-31340

Null → ACTH [coms. 2 - 8]

(69) 118 AS2-78050 ACTH → ACTH

(70) 119 AS12-78429 Null → ACTH [coms. 2 - 8]

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(75) 124 AS12-86418 ACTH → ACTH

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(86) 136 AS13-74858 ACTH → ACTH

..

(89) 137 AS13-41881 (NA)

(104) 157 AS14-39653 ACTH → ACTH

data entered
212119

WLM

ARRAY ID #	Slide ID	Shipping Box #	Block ID	Shipping Box #
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
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
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
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
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
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
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 A	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 A	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
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

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

T pit WCM 2/15/19

1 block

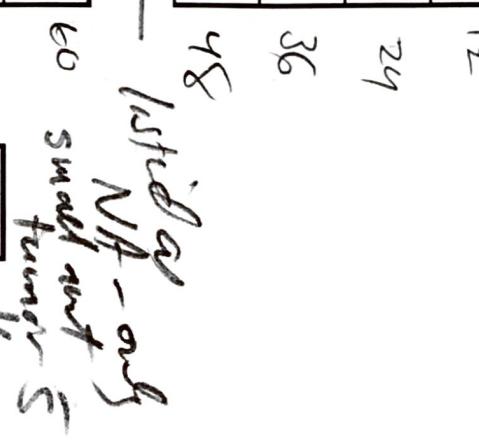
cc	cc	2	3	4	cc	cc
cc	1	2	3	4	cc	cc
cc	1	2	3	4	cc	cc
cc	1	2	3	4	cc	cc
cc	1	2	3	4	cc	cc

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

listide
NA - org
(35)

cc	cc	14	15	16	17	18
cc	13	14	35	35	16	17
cc	13	14	35	35	16	17
cc	13	14	35	35	16	17
cc	13	14	35	35	16	17

cc	cc	14	15	16	17	18
cc	19	20	21	22	19	20
cc	19	20	21	22	19	20
cc	19	20	21	22	19	20
cc	19	20	21	22	19	20



map created 01-12-2017

tma completed 01-23-2017

Case 16 164 H515 - 26349 UNK → ACTH → PRL (ACTH medium was 3, CAMS.2 was 6)

Case 16 174 H515 - 12336 ACTH → ACTH → PRL (PRL 6, ACTH 6, CAMS.2:7)

Case 16 176 H515 - 9322 UNK → PRL?

Case 16 177 H515. 26043 ACTH → ACTH

data extracted
2/21/19 WCM

TMA id#	<u>SurgPathNoPK</u>	TMA3.ID	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	

(7) Case 10 178 HS14-26024 misprint for char.
 (18) case 10 179 HS14-24484 ACTH → ACTH