

Statistical analysis from the SNVs in the corticotroph tumors

UPS8

	WT	Variant	p
WHO 2017 Tumor Type			
Silent Corticotroph	4	0	0.467
Corticotroph Adenoma	4	2	
Secretion			0.082
Overt Cushing carcinoma	0	1	
Overt Cushing	4	1	
Silent	4	0	
Tumor Size (mm) 1	33 ± 12	38 ± 19	0.019*
Tumor Size (mm) 2	38 ± 19	20 ± 14	0.267
Cavernous Invasion (yes)	7	2	1.00
Gender (female)	7	2	1.00
Recurrence (yes)	4	1	1.00
CNV			1.00
Neutral/Loss	5	1	
High/Gain	3	1	

AURKA

	WT	Variant	p
WHO 2017 Tumor Type			
Silent Corticotroph	2	2	1.00
Corticotroph Adenoma	4	2	
Secretion			0.287
Overt Cushing carcinoma	0	1	
Overt Cushing	4	1	
Silent	2	2	
Tumor Size (mm) 1	30 ± 11	30 ± 14	1.00
Tumor Size (mm) 2	33 ± 20	35 ± 21	0.903
Cavernous Invasion (yes)	6	3	0.40
Gender (female)	5	4	1.00
Recurrence (yes)	2	3	0.524
CNV			0.571
Neutral/Loss	3	3	
High/Gain	3	1	

TP53

	WT	Variant	p
WHO 2017 Tumor Type			
Silent Corticotroph	1	3	0.400
Corticotroph Adenoma	0	6	
Secretion			0.435
Overt Cushing carcinoma	0	1	
Overt Cushing	0	5	
Silent	1	3	
Tumor Size (mm) 1	40 ± 0	29 ± 12	0.393
Tumor Size (mm) 2	50 ± 0	32 ± 19	0.406
Cavernous Invasion (yes)	1	8	1.00
Gender (female)	1	8	1.00

Recurrence (yes)	1	4	1.00
CNV			0.400
Neutral/Loss	0	6	
High/Gain	1	3	

HSD3B1 = no hay diferencias porque es una constante (todo esta mutado)

EGFR

	WT	Variant	p
WHO 2017 Tumor Type			
Silent Corticotroph	1	3	
Corticotroph Adenoma	3	3	0.571
Secretion			
Overt Cushing carcinoma	0	1	
Overt Cushing	3	2	0.392
Silent	1	3	
Tumor Size (mm) 1	33 ± 15	28 ± 10	0.646
Tumor Size (mm) 2	33 ± 26	35 ± 15	0.871
Cavernous Invasion (yes)	3	6	0.400
Gender (female)	4	5	1.00
Recurrence (yes)	2	3	1.00
CNV			0.571
Neutral/Loss	3	3	
High/Gain	1	3	

CDKN1A

	WT	Variant	p
WHO 2017 Tumor Type			
Silent Corticotroph	0	4	
Corticotroph Adenoma	4	2	0.076
Secretion			
Overt Cushing carcinoma	0	1	
Overt Cushing	4	1	0.036*
Silent	0	4	
Tumor Size (mm) 1	25 ± 10	33 ± 12	0.272
Tumor Size (mm) 2	25 ± 20	40 ± 18	0.258
Cavernous Invasion (yes)	3	6	0.400
Gender (female)	4	5	1.00
Recurrence (yes)	2	3	1.00
CNV			0.571
Neutral/Loss	3	3	
High/Gain	1	3	