

TABLE 3. A comparison of the different tumour types with normal pituitary in terms of p21 nuclear staining score

Pituitary tissue type	Staining score	P value vs.				
		Normal	GH-oma	PRL-oma	ACTH-oma	NFPA
Normal (n=7)	2.8 (0-4.3)	N/A	0.1585	0.1314	0.5741	0.4666
GH-oma (n=10)	4.6 (0.9-21.1)	0.1585	N/A	0.0035	0.3629	0.0216
PRL-oma (n=7)	1.3 (0-4.8)	0.1314	0.0035	N/A	0.0338	0.3549
ACTH-oma (n=9)	3.3 (0.8-9.6)	0.5741	0.3629	0.0338	N/A	0.1665
NFPA (n=10)	2.1 (0.4-3.8)	0.4666	0.0216	0.3549	0.1665	N/A
		Normal	Adenoma	Carcinoma		
Normal (n=7)	2.8 (0-4.3)	N/A	0.9028	0.3373		
Adenomas (n=36)	2.4 (0-21.1)	0.9028	N/A	0.2725		
Carcinomas (n=6)	5.3 (1.3-7.7)	0.3373	0.2725	N/A		
		Normal	Microadenoma	Macroadenoma	Carcinoma	
Normal (n=7)	2.8 (0-4.3)	N/A	0.3295	0.8522	0.327	
Microadenoma (n=10)	4.8 (0.8-9.6)	0.3295	N/A	0.1485	0.9397	
Macroadenoma (n=27)	2.1 (0-21.1)	0.8522	0.1485	N/A	0.168	
Carcinoma (n=6)	5.3 (1.3-7.7)	0.327	0.9397	0.168	N/A	

Median value (range); comparison between groups was performed using with the Kruskal-Wallis test with Conover-Inman correction; GH-oma: GH-secreting adenoma; PRL-oma: Prolactinoma; ACTH-oma: ACTH-secreting adenoma; NFPA: non functioning pituitary adenoma.