

TABLE 2. A comparison of the different tumour types with normal pituitary in terms of p16 nuclear staining score

Pituitary tissue type	Staining score	P value vs.				
		Normal	GH-oma	PRL-oma	ACTH-oma	NFPA
Normal (n=6)	21.1 (2.1-47.9)	N/A	0.0153	0.0071	0.0168	0.0164
GH-oma (n=10)	6 (0.6-13.5)	0.0153	N/A	0.5242	0.9883	0.9324
PRL-oma (n=6)	4.3 (0.4-7.7)	0.007	0.5242	N/A	0.541	0.4714
ACTH-oma (n=9)	5.6 (0-16)	0.0168	0.9883	0.541	N/A	0.9223
NFPA (n=11)	5.8 (0-19.7)	0.0164	0.9324	0.4714	0.9223	N/A
		Normal	Adenoma	Carcinoma		
Normal (n=6)	21.1 (2.1-47.9)	N/A	0.0031	0.0001		
Adenoma (n=36)	5.7 (0-19.7)	0.0031	N/A	0.0156		
Carcinoma (n=4)	0.6 (0-2.4)	0.0001	0.0156	N/A		
		Normal	Microadenoma	Macroadenoma	Carcinoma	
Normal (n=6)	21.1 (2.1-47.9)	N/A	0.0109	0.0045	0.0002	
Microadenoma (n=10)	5.02 (0-16.2)	0.0109	N/A	0.8237	0.0489	
Macroadenoma (n=27)	6.1 (0-19.7)	0.0045	0.8237	N/A	0.0168	
Carcinoma (n=4)	0.6 (0-2.4)	0.0002	0.0489	0.0168	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.