

TABLE 4. A comparison of the different tumour types with normal pituitary in terms of p16 cytoplasmic staining score

Pituitary tissue type	Staining score	P value vs.				
		Normal	GH-oma	PRL-oma	ACTH-oma	NFPA
Normal (n=7)	6 (0-6)	N/A	0.2258	0.1669	0.0403	0.0457
GH-oma (n=9)	4 (0-6)	0.2258	N/A	0.6661	0.3224	0.3771
PRL-oma (n=4)	3 (0-4)	0.1669	0.6661	N/A	0.7267	0.8111
ACTH-oma (n=9)	2 (0-6)	0.0403	0.3224	0.7267	N/A	0.8752
NFPA (n=11)	2 (0-6)	0.0457	0.3771	0.8111	0.8752	N/A
		Normal	Adenomas		Carcinoma	
Normal (n=7)	6 (0-6)	N/A	0.0423		0.0016	
Adenomas (n=33)	2 (0-6)	0.0423	N/A		0.0233	
Carcinomas (n=4)	0	0.0016	0.0233		N/A	
		Normal	Microadenoma	Macroadenoma	Carcinoma	
Normal (n=7)	6 (0-6)	N/A	0.0458	0.0579	0.0019	
Microadenoma (n=11)	2 (0-6)	0.0458	N/A	0.5816	0.1004	
Macroadenoma (n=28)	2 (0-6)	0.0579	0.5816	N/A	0.0249	
Carcinoma (n=4)	0	0.0019	0.1004	0.0249	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.