

Supplementary Table Clinical information of patients from table 1

Sample number	Group	Gender	PRL (ng/ml)	Age	BMI	Knosp classification	Tumor size (cm)	Histopathological diagnosis	Surgical outcome
1	Prolactinoma	Male	5713	48	29.38	Grade 4	4.3x4.6x3.7	Lactotroph tumor	Gross total resection
2	Prolactinoma	Female	126	26	19.76	Grade 3	3.6x2.5x2.9	Lactotroph tumor	Subtotal resection
3	Prolactinoma	Female	5367	54	28.89	Grade 4	4.0x4.5x3.4	Lactotroph tumor	Gross total resection
4	Prolactinoma	Male	2538	44	26.89	Grade 3	2.5x1.5x2.5	Lactotroph tumor	Gross total resection
5	Prolactinoma	Female	391	51	28.52	Grade 2	1.5x1.3x1.2	Lactotroph tumor	Gross total resection
6	NF-PitNET	Male	26.9	56	22.68	Grade 3	2.6x4.0x3.0	Gonadotroph tumor	Gross total resection
7	NF-PitNET	Female	6.7	52	35.16	Grade 4	2.7x2.1x3.4	Gonadotroph tumor	Subtotal resection
8	NF-PitNET	Female	0.5	57	23.06	Grade 2	1.8x1.8x2.6	Gonadotroph tumor	Gross total resection
9	NF-PitNET	Male	6.6	56	24.32	Grade 3	2.1x2.9x3.7	Gonadotroph and Corticotroph tumor	Gross total resection
10	NF-PitNET	Male	8.8	41	29.01	Grade 2	4.5x3.5x3.0	Gonadotroph tumor	Gross total resection