**Supplementary Table 1. Etiologies of PA-nt patients**

|  |  |
| --- | --- |
| GH-secreting pituitary adenoma | 42 |
| Non-functioning pituitary adenoma | 18 |
| Rathke cleft cyst | 1 |

PA-nt: patients with a non prolactin-secreting pituitary neoplasm and testosterone levels in the normal range