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Genetic alterations in poorly differentiated endocrine colon carcinomas developing in tubulo-villous adenomas: a report of two cases

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In the original publication there were some errors in Fig. 1D and in the legends to Fig. 1 and Fig. 2. Figure 1 has been corrected and is reprinted here. The microsatellites defined originally as D11S69, D11S61, D11S58 and D11S55 should be: D18S69, D18S61, D18S58 and D18S55.

In the legend to Fig. 2, “...e Representative examples of the allelic status for microsatellite markers on 11q (D11S913), 3p (BAT26)...” should have been “...e Representative examples of the allelic status for microsatellite markers on 11q (D11S913), 2p (BAT26)...”

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Fig. 1a–d Patient A: histopathological findings. **a** The typical solid structure with focal necrosis of the poorly differentiated endocrine carcinoma (PDEC, lower part of the micrograph) growing within the tubulo-villous adenoma (upper part of the micrograph). **b** The intense and diffuse immunoreactivity for synaptophysin of the PDEC cells: note the absence of significant immunoreactivity in the adenoma cells. **c** p53 overexpression/accumulation in the nuclei of the adenoma cells: note that some cells at the base of the villous growth are negative. **a** H&E; **b**, **c** immunoperoxidase, SABC method. Molecular genetic findings. **d** (left part) Allelic status of four microsatellite markers on 18q in DNA from normal

tissue (n), adenoma (A), PDEC primary (p) and lymph-node metastasis (ln). In **a** samples all the four microsatellite markers show signal reduction indicative for allelic loss; this is evident for D18S61 and D18S58, but also appreciable for D18S69 and D18S55, as demonstrated after quantification (not shown). **d** (right part) Sequence analysis of p53 exon 5 in normal tissue (n) and in PDEC cells (t) showing the G>A substitution at codon 175, (c175(G>A), arrows); note that the electropherogram shows also a normal signal for both strands (5' and 3'), indicative of mixed amplified DNA, possibly due either to double tumor cell population or to normal cell contamination