



**Fig. S1. Clinical presentation and immunohistochemical analyses for p16<sup>ink4a</sup> and p53 of 2 mucosal carcinomas associated with chronic inflammatory diseases.** S. Case 1: HPV-negative vulvar carcinoma in a patient with genital lichen sclerosus demonstrating negative p16<sup>ink4a</sup> staining and strong p53-overexpression (original magnification  $\times 100$ ). S. Case 2: HPV-negative carcinoma of the tongue in a patient with oral lichen planus with negative p16<sup>ink4a</sup> staining and strong p53-overexpression (original magnification  $\times 100$ ). *Black arrows* indicate the respective carcinomas. The clinical picture of S. Case 2 was published recently (Koushk-Jalali B, Schürle S, Kuntz T, et al. Squamous cell carcinoma arising in oral lichen planus: report of two cases. *Hautarzt* 2020; 71 (12): 1000–1006).