

Marker	Number of IHC positive cases (%) [~]			Median H-score / Ki-67 score (SD)		
	TC	AC	<i>p</i> -value [§]	TC	AC	<i>p</i> -value [^]
Rb	112/112 (100)	59/59 (100)	NA	180 (77)	200 (82)	0.102
p16	30/111* (27)	21/59 (36)	0.246	0 (32)	0 (49)	0.126
OTP	96/112 (86)	45/59 (76)	0.123	240 (106)	300 (126)	0.608
CD44	96/111* (86)	43/58* (74)	0.046	300 (104)	300 (134)	0.055
Ki-67	NA	NA	NA	1 (3)	2 (4)	0.134

Table S2. Immunohistochemistry results for TC and AC; IHC: immunohistochemistry; TC: typical carcinoid; AC: atypical carcinoid; * one missing p16 or CD44 value; ~ excluding three cases with missing mitotic figures; § calculated using the Chi-Squared test; ^ calculated using the Mann-Whitney U test; significant *p*-values are reported in bold.