

Table SI. Results of mutation analysis in HRAS codon 13 of apocrine carcinomas

Case	Age, years/Sex	Location	Carcinogenesis	HRAS codon 13	RAS G13R staining
Current case	68/Male	Scalp	Secondary	G13R	Positive
2	71/Male	Posterior auricle	<i>De novo</i>	Wild type	Negative
3	84/Male	Axilla	<i>De novo</i>	Wild type	Negative
4	64/Male	Forehead	<i>De novo</i>	Wild type	Negative