

Table S1. Correlation between *SDHx* variants and immunohistochemistry results.

Patient	<i>SDHx</i> gene mutated	Immunohistochemistry				Pathogenic/likely pathogenic mutations in other genes tested
		SDHA	SDHB	SDHC	SDHD	
Pat02	<i>SDHD</i>	+	*	+	+	
Pat03	<i>SDHD</i>	+	*	+	+	
Pat04	No	+	+	+	+	
Pat05	<i>SDHD</i>	+	-	+	+	
Pat06	<i>SDHB</i>	+	-	+	+	
Pat07	<i>SDHD</i>	+	*	+	+	
Pat08	No	+	*	+	+	
Pat09	No	+	+	+	+	
Pat10	<i>SDHC</i>	+	*	+	+	
Pat12	No	+	+	+	+	
Pat14	No	+	+	+	+	
Pat16	<i>SDHA</i>	-	*	+	+	<i>RET</i>
Pat19	No	+	*	+	+	
Pat20	No	+	*	+	+	
Pat22	<i>SDHD</i>	+	*	+	+	
Pat23	No	+	+	+	+	
Pat25	No	+	+	+	+	
Pat27	<i>SDHC</i>	+	*	+	+	<i>RET</i>
Pat29	No	+	-	+	+	
Pat30	No	+	-	+	+	
Pat31	No	+	+	+	+	<i>IDH1</i>

Pat32	No	+	+	+	+	
Pat33	No	+	+	+	+	
Pat35	<i>SDHD</i>	+	−	+	+	<i>RET</i>
Pat36	No	+	*	+	+	
Pat37	No	+	+	+	+	
Pat41	<i>SDHC</i>	+	−	−	+	
Pat42	No	+	+	+	+	
Pat43	No	+	+	+	+	
Pat46	No	+	*	+	+	
Pat48	No	+	*	+	+	
Pat51	No	+	*	+	+	
Pat53	No	+	*	+	+	
Pat54	No	+	*	+	+	
Pat55	<i>SDHD</i>	+	*	+	+	
Pat57	No	+	+	+	+	
Pat59	No	+	+	+	+	
Pat69	<i>SDHD</i>	+	+	+	+	
Pat71	No	+	+	+	+	
Pat100	<i>SDHD</i>	+	*	+	+	
Pat101	<i>SDHB</i>	+	−	+	+	
Pat104	<i>SDHD</i>	+	*	+	+	

(+) - positive staining; (-) – negative staining; (*) - weak diffuse staining.