

Table S3. Summary of *SDHAF3* c.157T>C (p.Phe53Leu) variant analysis in Family S11

Family ID	Individual ID	Tumor Details	Primary Germline Mutation	Somatic <i>SDHB</i> Mutation/Allele Status	Germline <i>SDHAF3</i> c.157T>C Status	Somatic <i>SDHAF3</i> c.157T>C/Allele Status
S11	1	PC (18 years) (metastatic, 24 years)	SDHB (IVS3)	IVS3 + loss normal allele	c.157T>C (heterozygous)	c.157T>C + retention normal allele
	2	PC (metastatic, 59 years)	SDHB (IVS3)	IVS3 + loss normal allele	c.157T>C (heterozygous)	na
	3	PGL (30 years)	SDHB (IVS3)	nd	c.157T>C (heterozygous)	nd
	4	PGL (11 years)	SDHB (IVS3)	IVS3 + loss normal allele	WT	WT
	5	PGL (34 years)	SDHB (IVS3)	nd	WT	nd
	6	No evidence of PC/PGL (66 years)	SDHB (IVS3)	nd	c.157T>C (heterozygous)	nd
	7	No evidence of PC/PGL (22 years)	SDHB (IVS3)	nd	c.157T>C (heterozygous)	nd
	8	No evidence of PC/PGL (62 years)	SDHB (IVS3)	nd	c.157T>C (heterozygous)	nd
	9	No evidence of PC/PGL (57 years)	SDHB (IVS3)	nd	c.157T>C (heterozygous)	nd
	10	No evidence of PC/PGL (35 years)	SDHB (IVS3)	nd	WT	nd
	11	No evidence of PC/PGL (34 years)	SDHB (IVS3)	nd	WT	nd
	12	No evidence of PC/PGL (29 years)	SDHB (IVS3)	nd	WT	nd
	13	No evidence of PC/PGL (26 years)	SDHB (IVS3)	nd	WT	nd
	14	No evidence of PC/PGL (23 years)	SDHB (IVS3)	nd	WT	nd
	15	No evidence of PC/PGL (66 years)	SDHB (IVS3)	nd	WT	nd

Abbreviations: IVS - intervening sequence; na - not able to amplify; nd - not done; PC - pheochromocytoma; PGL - paraganglioma (extra adrenal thoracic/abdominal); WT - wild-type