Supplemental Table S2. Germline Mutations and Clinical Phenotypes of Patients with Variants of Unknown Significant Mutations of PPGL-Related Genes

Case no.	Sex/ onset age	Type of PPGL	Gene	Exon	Mutation	Period	Genetic analysis	ACMG category	Location	Tumor size, cm	Metastasis	Recurrence	Presence of other tumor	Discovery route	Biochemical profile
1	M/59	PCC	*SDHB*	5	c.541-3C>T	Post-NGS	Targeted NGS	VOUS	Lt adrenal	1.8	Benign	No	GIST of esophagus, tubular adenoma of colon	Incidental	Noradrenergic
2	M/64	PCC	*SDHC*	2-6	Exon2-6 duplication	Post-NGS	Targeted NGS	VOUS	Rt adrenal		Benign	No		Incidental	Noradrenergic
3	F/44	PCC	*EPAS1*	9	c.1250G>A (p.Gly417Glu)	Post-NGS	Targeted NGS	VOUS	Rt adrenal	4.0	Benign	No		Incidental	Noradrenergic
4	F/56	PCC	*TMEM127*	2	c.394G>A (p.Ala132Thr)	Post-NGS	Targeted NGS	VOUS	Bilateral adrenal		Benign	No	PTC, prolactinoma	Incidental	Noradrenergic
5	M/20	PGL	*SDHB*	6	c.642G>C (p.Gln214His)	Post-NGS	Targeted NGS	VOUS	Bladder	3.6	Benign	No		Symptomatic	Noradrenergic
6	F/47	PGL	*EPAS1*	12	c.1565A>G (p.Asn522Ser)	Post-NGS	Targeted NGS	VOUS	Retroperitoneum	2.7	Benign	No	Thyroid cancer	Symptomatic	Noradrenergic
7	F/58	PGL	*KIF1B*	30	c.3404G>A (p.Arg1135Gln)	Post-NGS	Targeted NGS	VOUS	Retroperitoneum	4.8	Benign	No	PTC, DCIS of breast	Incidental	Noradrenergic

PPGL, pheochromocytoma and paraganglioma; ACMG, American College of Medical Genetics and Genomics; PCC, pheochromocytoma; SDH, succinate dehydrogenase; NGS, next-generation sequencing; VOUS, variant of unknown significance; Lt, left; GIST, gastrointestinal stromal tumor; Rt, right; PTC, papillary thyroid carcinoma; PGL, paraganglioma; DCIS, ductal carcinoma *in situ*.