

Supplementary Table 3. List of *SDHB* mutations that were studied *in vitro*. Phenotypes observed in patients with these mutations. Abbreviations: RCC Renal cell carcinoma; PA PGL Para-aorta PGL; CB PGL Carotid body PGL; EA PGL Extra adrenal PGL; Zuc Organ of Zuckerkandl; Met Metastatic

SDHB Mutations cDNA nucleotide change	Mutation amino acid change	Clinical Phenotype
c.79C>T	p.Arg27*	RCC, PA PGL, Cardiac PGL, CB PGL, EA PC, PC, PGL
c.88delC	p.Gln30Argfsx47	EA PGL, Metastatic
c.127G>C	p.Ala43Pro	PC, Zuc, Met
c.137G>A	p.Arg46Gln	Metastatic PC, PC Zuckerkandl, PC, CB PGL, EA PC
c.136C>G	p.Arg46Gly	PC, EA PGL
c.268C>T	p.Arg90*	Metastatic PGL, PGL, Zuckerkandl, PA PC, EA PGL, RCC
c.311delAinsGG	p.Asn104ArgfsX15	PC, PGL, Metastatic PGL
c.380T>G	p.Ile127Ser	EA PC, PGL, Met
c.590C>G	p.Pro197Arg	PC, CB PGL, PGL, EA PGL, Metastatic
c.302G>A	p.Cys101Tyr	EA