

Supplemental Data Table S1. Primer sequences used for *FH* genetic testing

Primer name	Sequence
FH_E1F	TGTGAGGCTGTTGATTGGAT
FH_E1R	GGAGGGCTGAAGGTCAGT
FH_E2F	AAGATGCGATTACTTTTGATCC
FH_E2R	TGAATACAGCCTACTTCATCCAA
FH_E3F	CTGCCAAAATAATAAAGCTTCCATGC
FH_E3R	GCCAGAGCATATCGTCATCC
FH_E4F	TGTGGGTCAACTGTATTCAAAC
FH_E4R	CAATCTCAGGTATGCTTTTCAA
FH_E5F	GCTGGGTTTTGAGTAGTTAGTTGG
FH_E5R	GGCCATTTGTACCAAGCTCT
FH_E6F	CCCTCATCCTCCCTATACTTTG
FH_E6R	CACAAGAATCAAGACAGGAACA
FH_E7F	TGGAACCTTCTGTTTCACTTGC
FH_E7R	CATGGTCCATAGCTAAGAATGC
FH_E8F	ATGGTTGGCCTTGCTTTAT
FH_E8R	CCAAGATAATAAGCCTTTGGTCA
FH_E9F	CATGTTGCCTTAGTAATGTCTCTCTC
FH_E9R	TGCTGTTCTCAAACACTGATCC
FH_E10F	CAATTATGTCACCTTTTGCTTTAGG
FH_E10R	GCAGTTTCCTTTCAAACCTATCC

Supplemental Data Table S2. Clinical and genetic characteristics of the patients' family members

Case N	Sex	Age at <i>FH</i> gene test (yr)	Relationship	Hysterectomy or myomectomy (age, yr)	<i>FH</i> variant	Comments
1-1	F	64	1st sister	No	No	
1-2	F	61	2nd sister	30	PV (c.1108+1G>A)	
1-3	F	58	3rd sister	39	PV (c.1108+1G>A)	Skin lesion in son
1-4	F	55	4th sister	No	ND	
1-5	F	54	5th sister	31	PV (c.1108+1G>A)	
1-6	F	52	6th sister	No	ND	
1-7	M	49	Brother	NA	PV (c.1108+1G>A)	
3-1	F	63	Mother	No	ND	
3-2	F	42	1st sister	No	ND	
3-3	F	40	2nd sister	No	ND	
3-4	F	38	3rd sister	No	ND	
3-5	F	35	4th sister	No	ND	
10-1	M	Unknown	Father	NA	ND	
10-2	F	Unknown	Mother	No	VUS (c.842C>T)	
10-3	M	Unknown	1st brother	NA	VUS (c.842C>T)	
10-4	M	Unknown	3rd brother	NA	ND	
10-5	F	Unknown	Niece	No	VUS (c.842C>T)	
10-6	M	Unknown	Nephew	NA	ND	
13-1	F	24	Sister	No	PV (c.243dup)	

Abbreviations: M, male; F, female; *FH*, fumarate hydratase; NA, not applicable; ND, not detected; PV, pathogenic variant; RCC, renal cell cancer; VUS, variant of uncertain clinical significance.