Supplementary Table 1:
Single Nucleotide and Insertion/Deletion Variants Identified in two Components of SDH-Deficient GIST

Gene	Amino Acid Change	Genomic Coordinates	Variant Class	HGVS Nomenclature
Well-Differentiated Component				
SDHB	G96_E3splice	1:17359555	Splice	c.286G>A;p.Gly96Ser
MAP2K2	V202M	19:4101118	Missense	c.604G>A;p.Val202Met
BSG	A83T	19:577953	Missense	c.247G>A;p.Ala83Thr
DNAH7	T2649I	2:196723319	Missense	c.7946C>T;p.Thr2649Ile
ETV3L	V329I	1:157062542	Missense	c.985G>A;p.Val329Ile
PLXNA4	R1323W	7:131859587	Missense	c.3967C>T;p.Arg1323Trp
RNASEL	T374N	1:182554821	Missense	c.1121C>A;p.Thr374Asn
RYR3	S1617S	15:33954582	Silent	c.4851C>T;c.4851C>T
AURKC	R61W	19:57743477	Missense	c.181C>T;p.Arg61Trp
TIMELESS	E29_UTR_3	12:56811466	UTR 3'	c.*34G>A
BNC1	I908I	15:83926455	Silent	c.2724C>A
Dedifferentiated Component				
SDHB	G96_E3splice	1:17359555	Splice	c.286G>A;p.Gly96Ser
MAP2K2	V202M	19:4101118	Missense	c.604G>A;p.Val202Met
TGFB3	Q68*	14:76447035	Nonsense	c.202C>T;p.Gln68Ter
C21orf33	A139A	21:45557167	Silent	c.417G>A
C5orf38	S47S	5:2752519	Silent	c.141C>T
C9orf102	A301G	9:98678030	Missense	c.902C>G;p.Ala301Gly
CA10	L109Q	17:49825132	Missense	c.326T>A;p.Leu109Gln
CLDN14	E2_UTR_5	21:37834020	UTR 5'	c.-27C>T
CTSA	E15_UTR_3	20:44527264	UTR 3'	c.*175G>A
ENTPD2	R193W	9:139945551	Missense	c.577C>T;p.Arg193Trp
FAM135B	G586V	8:139164961	Missense	c.1757G>T;p.Gly586Val
FGG	D436V	4:155525499	Missense	c.1307A>T;p.Asp436Val
GIPC2	R40C	1:78511896	Missense	c.118C>T;p.Arg40Cys
HDAC5	E2_UTR_5	17:42194997	UTR 5'	c.-114G>A
IFNGR2	L11L	21:34775880	Silent	c.31C>T
JTB	K94_E4splice_region	1:153948301	Splice Region	c.284+1G>T
KLRK1	E8_UTR_3	12:10525664	UTR 3'	c.*49C>G
MAP2K3	E12_UTR_3	17:21218171	UTR 3'	c.*628_*629insCG
MAZ	N353Y	16:29819564	Missense	c.1057A>T;p.Asn353Tyr
MYH8	G205A	17:10318823	Missense	c.614G>C;p.Gly205Ala
OR5V1	L39F	6:29323856	Missense	c.117G>C;p.Leu39Phe
PCDHGB4	T805M	5:140874390	Missense	c.2414C>T;p.Thr805Met
PDDC1	E8_UTR_3	11:770892	UTR 3'	c.*5G>A
PDZRN3	S584S	3:73433965	Silent	c.1752G>A;c.1752G>A
PHACTR3	V293G	20:58348460	Missense	c.878T>G;p.Val293Gly
PLXNA4	R1323W	7:131859587	Missense	c.3967C>T;p.Arg1323Trp
RECK	K528N	9:36107980	Missense	c.1584A>T;p.Lys528Asn
RET	C87F	10:43596093	Missense	c.260G>T;p.Cys87Phe
SHROOM3	V720A	4:77661485	Missense	c.2159T>C;p.Val720Ala
SIGLEC14	T359I	19:52146862	Missense	c.1076C>T;p.Thr359Ile

SYBU	P142A	8:110631074	Missense	c.424C>G;p.Pro142Ala
TMEM117	K99Q	12:44338030	Missense	c.295A>C;p.Lys99Gln
TRAM1	A279A	8:71495938	Silent	c.837A>G
USP37	G45V	2:219423243	Missense	c.134G>T;p.Gly45Val
XKR4	Q317H	8:56270382	Missense	c.951G>T;p.Gln317His
ZFHX4	L363L	8:77617410	Silent	c.1087T>C
ZNF193	I275T	6:28200595	Missense	c.824T>C;p.Ile275Thr
AMZ1	I140T	7:2742470	Missense	c.419T>C;p.Ile140Thr
ZNF747	P21A	16:30545940	Missense	c.61C>G;p.Pro21Ala
AQP7P1	E4_exon	9:67271970	Exon	n.1425C>A
ATP10B	D406D	5:160061524	Silent	c.1218T>C