S4 Table. Dull genetic data of 19 cancer-related germline rare variants identified by whole-exome sequencing.

Gene	Chr	Start	End	Ref	Alt	Mutation	Accession number	Exon	Nucleotide change	Amino acid change
ACACA	chr17	35605011	35605011	G	A	Nonsynonymous	NM_198837	Exon16	c.C1948T	p.R650W
ATP2C1	chr3	130712791	130712791	G	A	Nonsynonymous	NM_001199182	Exon20	c.G1891A	p.G631S
AVL9	chr7	32535358	32535359	CG	-	Frameshift deletion	NM_015060	Exon1	c.37_38del	p.R13fs
CARS	chr11	3050233	3050233	C	T	Nonsynonymous	NM_001751	Exon8	c.G775A	p.G259S
CRYGD	chr2	208988920	208988920	G	C	Stopgain	NM_006891	Exon2	c.C168G	p.Y56X
CTBP2	chr10	126686569	126686569	G	A	Nonsynonymous	NM_022802	Exon4	c.C2149T	p.R717C
CTSZ	chr20	57576649	57576649	C	T	Nonsynonymous	NM_001336	Exon3	c.G358A	p.V120M
DEPTOR	chr8	121019052	121019052	A	T	Stopgain	NM_001283012	Exon5	c.A631T	p.R211X
ENO3	chr17	4858805	4858805	C	G	Stopgain	NM_001193503	Exon6	c.C642G	p.Y214X
FOXM1	chr12	2968078	2968078	G	A	Nonsynonymous	NM_001243088	Exon8	c.C1973T	p.P658L
GPRC6A	chr6	117128308	117128308	C	T	Nonsynonymous	NM_001286354	Exon3	c.G560A	p.R187Q
LRP2	chr2	170042245	170042245	T	C	Nonsynonymous	NM_004525	Exon50	c.A9613G	p.N3205D
MYH9	chr22	36697683	36697683	T	G	Nonsynonymous	NM_002473	Exon21	c.A2528C	p.Q843P
PARP14	chr3	122419160	122419160	-	AAGC-AGAA	Frameshift insertion	NM_017554	Exon6	c.1759_1760ins AAGCAGAA	p.E587fs
PHF12	chr17	27254016	27254016	C	T	Nonsynonymous	NM_001033561	Exon3	c.G314A	p.R105H
PRMT2	chr21	48078714	48078714	G	A	Nonsynonymous	NM_001242866	Exon7	c.G712A	p.G238R
PSCA	chr8	143763531	143763531	G	A	Stopgain	NM_005672	Exon3	c.G326A	p.W109X
SDF2L1	chr22	21998280	21998280	G	A	Nonsynonymous	NM_022044	Exon3	c.G482A	p.R161H
TPPP3	chr16	67424196	67424196	G	A	Nonsynonymous	NM_015964	Exon4	c.C412T	p.R138C