

Assessment of the germline mutations' functional effects using FATHMM

SYMBOL	CGC	Chr	Start	End	Ref	Alt
AFF1	CGC723	chr4	88036158	88036159	GG	-
AFF1	CGC723	chr4	88036161	88036166	AGCAGC	-
AFF1	CGC723	chr4	88036172	88036172	-	CC
AFF1	CGC723	chr4	88036173	88036173	G	T
AFF3	CGC723	chr2	100167940	100167940	G	A
AFF3	CGC723	chr2	100167980	100167980	G	-
AFF3	CGC723	chr2	100203694	100203694	T	C
AFF3	CGC723	chr2	100203695	100203695	C	T
AKAP9	CGC723	chr7	91630998	91631030	TGAAGC	-
AKAP9	CGC723	chr7	91641875	91641875	A	T
AKAP9	CGC723	chr7	91695810	91695810	C	A
ARHGAP5	CGC723	chr14	32561350	32561350	A	G
ARHGEF10	CGC723	chr8	1905354	1905354	G	C
ARID1A	CGC723	chr1	27106678	27106678	G	A
ASPSCR1	CGC723	chr17	79966944	79966944	C	T
ATM	CGC723	chr11	108099958	108099958	C	A
ATM	CGC723	chr11	108126950	108126950	-	AAAAATATATATA
ATM	CGC723	chr11	108198393	108198393	-	AAATATAATG
ATP1A1	CGC723	chr1	116931618	116931619	TC	-
BAP1	CGC723	chr3	52437597	52437597	G	A
BAP1	CGC723	chr3	52437599	52437600	CT	-
BAP1	CGC723	chr3	52438495	52438518	GTCATC	-
BAP1	CGC723	chr3	52441283	52441287	GCACT	-
BIRC6	CGC723	chr2	32666515	32666515	C	-
BIRC6	CGC723	chr2	32842932	32842934	CAG	-
BRD3	CGC723	chr9	136916739	136916740	TA	-
CBL	CGC723	chr11	119077268	119077329	GCCGG	-
CCDC6	CGC723	chr10	61566807	61566808	CC	-
CDH1	CGC723	chr16	68847337	68847337	G	T
CHD2	CGC723	chr15	93496704	93496714	CCCTTT	-
CHD2	CGC723	chr15	93563432	93563479	TTATGA	-
CHD4	CGC723	chr12	6710093	6710093	G	A
CIC	CGC723	chr19	42791575	42791575	G	T
CIITA	CGC723	chr16	10998624	10998690	TGCCCC	-
CIITA	CGC723	chr16	11001943	11001943	-	T
CIITA	CGC723	chr16	11001944	11001944	C	G
CLTCL1	CGC723	chr22	19188872	19188872	G	T
CNTNAP2	CGC723	chr7	147259289	147259289	T	C
COL2A1	CGC723	chr12	48377898	48377898	G	A
COL7A1	CPG114	chr3	48624650	48624650	G	C
CSF1R	CGC723	chr5	149456893	149456893	C	T
CSF3R	CGC723	chr1	36939156	36939156	G	T
CSMD3	CGC723	chr8	113249550	113249605	TAATTT	-
CUX1	CGC723	chr7	101845075	101845075	G	A
CUX1	CGC723	chr7	101892287	101892287	G	A
CYP2C8	CGC723	chr10	96827018	96827018	T	C

CYP2C8	CGC723 chr10	96827028	96827028	T	A
DCC	CGC723 chr18	50278615	50278615	G	-
DCTN1	CGC723 chr2	74592706	74592706	C	T
DDX6	CGC723 chr11	118625438	118625465	CTACAG-	-
DNM2	CGC723 chr19	10939848	10939848	-	T
DOCK8	CPG114 chr9	377114	377114	C	A
EED	CGC723 chr11	85956350	85956350	G	A
ELN	CGC723 chr7	73466295	73466295	G	A
ERBB2	CGC723 chr17	37879673	37879673	G	A
ERBB3	CGC723 chr12	56490315	56490315	A	G
ETV1	CGC723 chr7	13975481	13975481	-	CTG
ETV4	CGC723 chr17	41606481	41606527	TCCCTA-	-
ETV4	CGC723 chr17	41607499	41607499	G	A
ETV6	CGC723 chr12	12022402	12022402	C	T
EXT1	CGC723 chr8	118825196	118825197	AT	-
EXT1	CGC723 chr8	118825199	118825199	A	G
FANCE	CGC723 chr6	35426132	35426132	G	A
FANCE	CGC723 chr6	35426140	35426140	A	-
FANCE	CGC723 chr6	35427207	35427207	C	A
FANCG	CGC723 chr9	35077012	35077024	ACACAG-	-
FAT3	CGC723 chr11	92085293	92085294	GG	-
FAT4	CGC723 chr4	126239457	126239457	T	C
FGFR1	CGC723 chr8	38275477	38275477	C	A
FGFR2	CGC723 chr10	123276852	123276858	TGCAG/-	-
FGFR3	CGC723 chr4	1806633	1806633	C	T
FGFR4	CGC723 chr5	176522719	176522719	C	T
FGFR4	CGC723 chr5	176523094	176523094	G	T
FLI1	CGC723 chr11	128638082	128638082	G	T
FLNA	CGC723 chrX	153585958	153585958	G	A
FLT3	CGC723 chr13	28601229	28601264	AATTTG-	-
FLT3	CGC723 chr13	28626774	28626810	TCTAAA-	-
FOXA1	CGC723 chr14	38060751	38060753	TGC	-
FOXR1	CGC723 chr11	118851945	118851945	-	T
GRM3	CGC723 chr7	86479759	86479820	AGGTTC-	-
HFE	CPG114 chr6	26093412	26093426	TTGTTC-	-
HMGA2	CGC723 chr12	66308612	66308612	-	TG
HOXC13	CGC723 chr12	54339033	54339044	CCACCT-	-
HOXD11	CGC723 chr2	176972829	176972829	C	T
IL21R	CGC723 chr16	27454414	27454414	-	GATATTAT
KAT6B	CGC723 chr10	76744948	76744948	C	-
KAT6B	CGC723 chr10	76744950	76744950	T	A
KAT6B	CGC723 chr10	76790527	76790532	TGAACA-	-
KDM5A	CGC723 chr12	419074	419074	-	AAGA
KDM5A	CGC723 chr12	419076	419081	TCCTCC-	-
KIAA1549	CGC723 chr7	138566162	138566162	-	TTAT
KIT	CGC723 chr4	55602952	55602952	C	T
KMT2A	CGC723 chr11	118352793	118352793	C	T
KMT2D	CGC723 chr12	49437417	49437442	CCTTTC-	-

KMT2D	CGC723 chr12	49443559	49443579	AGTGAC-	
KMT2D	CGC723 chr12	49447367	49447367	C	A
LARP4B	CGC723 chr10	858836	858889	GCTCTC-	
LATS1	CGC723 chr6	150005226	150005226	C	-
LATS1	CGC723 chr6	150005234	150005234	T	A
LPP	CGC723 chr3	188327496	188327502	GGAAAC-	
LRP1B	CGC723 chr2	141458168	141458186	GTCCCT-	
MACC1	CGC723 chr7	20199674	20199678	AGAAA	-
MAF	CGC723 chr16	79633210	79633210	-	CCACCACCACCAC
MAP2K2	CGC723 chr19	4101229	4101229	C	T
MET	CGC723 chr7	116395446	116395459	GGCTG/-	
MITF	CGC723 chr3	70014160	70014198	CTCGAT-	
MLLT1	CGC723 chr19	6213145	6213145	C	T
MLLT1	CGC723 chr19	6227044	6227044	-	A
MLLT1	CGC723 chr19	6270734	6270734	C	T
MLLT3	CGC723 chr9	20360749	20360749	G	T
MLLT6	CGC723 chr17	36869024	36869024	G	-
MXN1	CGC723 chr7	156802643	156802643	-	GCG
MPL	CGC723 chr1	43812466	43812466	G	A
MSH6	CGC723 chr2	48028108	48028108	-	GG
MUC16	CGC723 chr19	9056853	9056853	C	T
MUC16	CGC723 chr19	9063068	9063068	-	AA
MUC16	CGC723 chr19	9066641	9066658	GGAAAC-	
MUC4	CGC723 chr3	195511070	195511070	C	G
MUC4	CGC723 chr3	195511076	195511076	T	A
NCOA1	CGC723 chr2	24929640	24929640	C	-
NCOA1	CGC723 chr2	24930377	24930377	C	T
NCOA2	CGC723 chr8	71039183	71039197	GTTGCT-	
NCOR1	CGC723 chr17	16012150	16012152	TCC	-
NCOR2	CGC723 chr12	124816985	124816985	T	-
NFATC2	CGC723 chr20	50139742	50139742	G	C
NFKBIE	CGC723 chr6	44228190	44228190	-	A
NOTCH1	CGC723 chr9	139396730	139396730	C	A
NOTCH1	CGC723 chr9	139417345	139417377	GCAGG-	
NRG1	CGC723 chr8	32599566	32599566	G	C
NRG1	CGC723 chr8	32599590	32599590	G	T
NSD1	CGC723 chr5	176696777	176696777	G	A
NSD1	CGC723 chr5	176722239	176722245	CCCTGC-	
NUMA1	CGC723 chr11	71740271	71740271	G	-
PAX8	CGC723 chr2	114004376	114004376	C	T
PBRM1	CGC723 chr3	52598068	52598068	G	-
PBRM1	CGC723 chr3	52610694	52610698	CGAAC	-
PBRM1	CGC723 chr3	52610699	52610699	C	T
PCM1	CGC723 chr8	17822249	17822249	T	C
PCM1	CGC723 chr8	17851000	17851000	G	A
PHOX2B	CGC723 chr4	41748011	41748028	GCCGC(-	
PIK3CA	CGC723 chr3	178916896	178916896	T	C
PIK3CA	CGC723 chr3	178916898	178916898	-	GAG

PIK3CA	CGC723 chr3	178916899	178916899	C	T
PLAG1	CGC723 chr8	57079158	57079158	C	A
PLCG1	CGC723 chr20	39800837	39800884	CTGAAC-	
PML	CGC723 chr15	74287163	74287163	G	T
POLG	CGC723 chr15	89873400	89873400	G	T
POLQ	CGC723 chr3	121202406	121202406	G	T
PPP2R1A	CGC723 chr19	52725433	52725453	GCCAAT-	
PRDM1	CGC723 chr6	106552806	106552814	CTCCAA-	
PRDM2	CGC723 chr1	14105104	14105109	GAGGA/-	
PTCH1	CGC723 chr9	98211546	98211546	G	T
PTPN11	CGC723 chr12	112924377	112924421	GGTGC/-	
PTPN11	CGC723 chr12	112940039	112940039	C	G
PTPN13	CGC723 chr4	87593534	87593574	TGCTGC-	
PTPRK	CGC723 chr6	128388682	128388682	-	T
PTPRT	CGC723 chr20	41514490	41514490	A	-
PWWP2A	CGC723 chr5	159545959	159545959	G	T
RBM10	CGC723 chrX	47030584	47030584	-	GGC
RBM10	CGC723 chrX	47030590	47030593	AGGA	-
RBM10	CGC723 chrX	47030593	47030593	-	CT
RBM10	CGC723 chrX	47044707	47044707	C	A
RBM10	CGC723 chrX	47044713	47044713	G	A
RNF213	CGC723 chr17	78311644	78311644	C	-
RNF213	CGC723 chr17	78321505	78321505	G	T
ROS1	CGC723 chr6	117725507	117725507	G	C
RPL5	CGC723 chr1	93301813	93301813	A	G
SETBP1	CGC723 chr18	42449202	42449216	CAGCC/-	
SETBP1	CGC723 chr18	42531100	42531100	G	A
SF3B1	CGC723 chr2	198285123	198285123	-	TTTGCTT
SF3B1	CGC723 chr2	198285125	198285125	A	T
SMAD3	CGC723 chr15	67473678	67473678	C	A
SMARCA4	CGC723 chr19	11098416	11098417	TC	-
SMARCD1	CGC723 chr12	50479145	50479160	CCGGG/-	
SPECC1	CGC723 chr17	20149264	20149264	T	C
SPECC1	CGC723 chr17	20149267	20149267	G	A
SPEN	CGC723 chr1	16235819	16235842	TGATTC-	
SPEN	CGC723 chr1	16262362	16262362	G	T
SSX1	CGC723 chrX	48123304	48123304	C	T
SSX1	CGC723 chrX	48123305	48123305	A	G
STAT6	CGC723 chr12	57499258	57499258	C	T
TCF12	CGC723 chr15	57545625	57545625	G	-
TET1	CGC723 chr10	70332161	70332177	GAAAAA-	
TFE3	CGC723 chrX	48891660	48891660	C	T
TGFBR2	CGC723 chr3	30713682	30713711	ACCTGA-	
TRIM24	CGC723 chr7	138145524	138145536	CTGCCA/-	
TRIM24	CGC723 chr7	138239694	138239694	C	-
VAV1	CGC723 chr19	6848018	6848018	C	-
YWHAE	CGC723 chr17	1265228	1265228	G	T
YWHAE	CGC723 chr17	1265229	1265229	T	G

ZMYM3	CGC723 chrX	70465593	70465593 C	A
ZNF479	CGC723 chr7	57188060	57188062 GGC	-
ZNF479	CGC723 chr7	57188063	57188063 -	TTG
ZNRF3	CGC723 chr22	29445697	29445724 CCCACC-	

I, LRT, Mutation Assessor, Mutation Taster, M-CAP, Polyphen2, PRO

ExonicFunc.refGene	AAChange.refGene	SIFT_pred	Polyphe
frameshift deletion	AFF1:NM_001313960:exon9:c.106_	.	.
nonframeshift deletion	AFF1:NM_001313960:exon9:c.106_	.	.
frameshift insertion	AFF1:NM_001313960:exon9:c.108_	.	.
nonsynonymous SNV	AFF1:NM_001313960:exon9:c.G1(D	.	P
nonsynonymous SNV	AFF3:NM_001025108:exon24:c.C(D	.	P
frameshift deletion	AFF3:NM_001025108:exon24:c.37_	.	.
nonsynonymous SNV	AFF3:NM_001025108:exon15:c.A(D	.	P
nonsynonymous SNV	AFF3:NM_001025108:exon15:c.G(D	.	B
nonframeshift deletion	AKAP9:NM_005751:exon8:c.1767_	.	.
nonsynonymous SNV	AKAP9:NM_005751:exon9:c.A345 D	.	P
nonsynonymous SNV	AKAP9:NM_005751:exon26:c.C62 T	.	P
nonsynonymous SNV	ARHGAP5:NM_001030055:exon2: D	.	D
nonsynonymous SNV	ARHGEF10:NM_001308152:exon2 T	.	B
nonsynonymous SNV	ARID1A:NM_006015:exon20:c.G6(D	.	D
nonsynonymous SNV	ASPSCR1:NM_001330528:exon7:(D	.	D
nonsynonymous SNV	ATM:NM_000051:exon4:c.C239A:p T	.	B
frameshift insertion	ATM:NM_000051:exon14:c.2133_	.	.
stopgain	ATM:NM_000051:exon48:c.6997_ (.	.
frameshift deletion	ATP1A1:NM_000701:exon7:c.731_	.	.
nonsynonymous SNV	BAP1:NM_004656:exon13:c.C156 T	.	D
frameshift deletion	BAP1:NM_004656:exon13:c.1561_	.	.
nonframeshift deletion	BAP1:NM_004656:exon12:c.1201_	.	.
frameshift deletion	BAP1:NM_004656:exon7:c.483_4 (.	.
stopgain	BIRC6:NM_016252:exon17:c.3929_	.	.
nonframeshift deletion	BIRC6:NM_016252:exon74:c.1453_	.	.
frameshift deletion	BRD3:NM_007371:exon4:c.443_4 (.	.
frameshift deletion	CBL:NM_005188:exon1:c.141_19 (.	.
frameshift deletion	CCDC6:NM_005436:exon6:c.876_	.	.
nonsynonymous SNV	CDH1:NM_004360:exon9:c.G1259 D	.	P
frameshift deletion	CHD2:NM_001271:exon14:c.1620_	.	.
nonframeshift deletion	CHD2:NM_001271:exon38:c.5097_	.	.
nonsynonymous SNV	CHD4:NM_001297553:exon6:c.C9 D	.	D
stopgain	CIC:NM_015125:exon4:c.G556T:p .	.	.
frameshift deletion	CIITA:NM_001286403:exon9:c.814_	.	.
frameshift insertion	CIITA:NM_000246:exon11:c.2594_	.	.
nonsynonymous SNV	CIITA:NM_000246:exon11:c.C259(T	.	B
nonsynonymous SNV	CLTCL1:NM_001835:exon23:c.C3(D	.	B
nonsynonymous SNV	CNTNAP2:NM_014141:exon12:c.T D	.	P
nonsynonymous SNV	COL2A1:NM_033150:exon28:c.C1 T	.	B
nonsynonymous SNV	COL7A1:NM_000094:exon23:c.C3 T	.	B
nonsynonymous SNV	CSF1R:NM_001288705:exon5:c.G T	.	D
nonsynonymous SNV	CSF3R:NM_000760:exon6:c.C553 T	.	B
frameshift deletion	CSMD3:NM_052900:exon65:c.996_	.	.
nonsynonymous SNV	CUX1:NM_001202543:exon18:c.G T	.	B
nonsynonymous SNV	CUX1:NM_001202543:exon24:c.G D	.	D
nonsynonymous SNV	CYP2C8:NM_001198854:exon2:c.(D	.	P

nonsynonymous SNV	CYP2C8:NM_001198854:exon2:c.	D
frameshift deletion	DCC:NM_005215:exon2:c.283delC.	.
nonsynonymous SNV	DCTN1:NM_001135041:exon20:c.(T	P
frameshift deletion	DDX6:NM_001257191:exon13:c.14.	.
frameshift insertion	DNM2:NM_001005362:exon18:c.2.	.
nonsynonymous SNV	DOCK8:NM_001190458:exon19:c. T	D
nonsynonymous SNV	EED:NM_001308007:exon1:c.G79.T	B
nonsynonymous SNV	ELN:NM_001278913:exon14:c.G8;D	D
nonsynonymous SNV	ERBB2:NM_001289937:exon17:c.(T	D
nonsynonymous SNV	ERBB3:NM_001982:exon18:c.A20 T	D
nonframeshift insertion	ETV1:NM_001163151:exon3:c.231.	.
frameshift deletion	ETV4:NM_001261439:exon4:c.375.	.
nonsynonymous SNV	ETV4:NM_001261439:exon1:c.C3.T	B
nonsynonymous SNV	ETV6:NM_001987:exon5:c.C508T:D	B
frameshift deletion	EXT1:NM_000127:exon8:c.1636_1.	.
nonsynonymous SNV	EXT1:NM_000127:exon8:c.T1634CT	B
nonsynonymous SNV	FANCE:NM_021922:exon5:c.G102T	B
frameshift deletion	FANCE:NM_021922:exon5:c.1036.	.
nonsynonymous SNV	FANCE:NM_021922:exon6:c.C121D	D
frameshift deletion	FANCG:NM_004629:exon6:c.721_.	.
frameshift deletion	FAT3:NM_001008781:exon1:c.15_.	.
nonsynonymous SNV	FAT4:NM_001291285:exon1:c.T1&T	B
nonsynonymous SNV	FGFR1:NM_001174066:exon10:c.(T	D
frameshift deletion	FGFR2:NM_001144916:exon5:c.7'.	.
nonsynonymous SNV	FGFR3:NM_022965:exon8:c.C101 T	B
nonsynonymous SNV	FGFR4:NM_022963:exon11:c.C16 D	D
nonsynonymous SNV	FGFR4:NM_022963:exon12:c.G17 D	D
nonsynonymous SNV	FLI1:NM_002017:exon3:c.G300T;p T	B
stopgain	FLNA:NM_001110556:exon29:c.C4.	.
nonframeshift deletion	FLT3:NM_004119:exon17:c.2168_.	.
frameshift deletion	FLT3:NM_004119:exon5:c.486_52.	.
nonframeshift deletion	FOXA1:NM_004496:exon2:c.1236_.	.
stoploss	FOXR1:NM_181721:exon6:c.878_1.	.
frameshift deletion	GRM3:NM_000840:exon5:c.2465_.	.
nonframeshift deletion	HFE:NM_139011:exon2:c.142_156.	.
frameshift insertion	HMGA2:NM_001300919:exon4:c.3.	.
frameshift deletion	HOXC13:NM_017410:exon2:c.986.	.
nonsynonymous SNV	HOXD11:NM_021192:exon1:c.C74T	P
frameshift insertion	IL21R:NM_021798:exon5:c.484_48.	.
frameshift deletion	KAT6B:NM_001256468:exon12:c.1.	.
nonsynonymous SNV	KAT6B:NM_001256468:exon12:c.1D	D
nonframeshift deletion	KAT6B:NM_001256468:exon18:c.5.	.
frameshift insertion	KDM5A:NM_001042603:exon22:c..	.
nonframeshift deletion	KDM5A:NM_001042603:exon22:c..	.
frameshift insertion	KIAA1549:NM_001164665:exon11.	.
nonsynonymous SNV	KIT:NM_000222:exon19:c.C2662T D	D
nonsynonymous SNV	KMT2A:NM_001197104:exon7:c.C T	P
frameshift deletion	KMT2D:NM_003482:exon23:c.544.	.

nonframeshift deletion	KMT2D:NM_003482:exon11:c.379_	.
nonsynonymous SNV	KMT2D:NM_003482:exon6:c.G731D	D
frameshift deletion	LARP4B:NM_001351277:exon18:c.	.
frameshift deletion	LATS1:NM_001350392:exon3:c.15_	.
nonsynonymous SNV	LATS1:NM_001350392:exon3:c.A1D	D
frameshift deletion	LPP:NM_001167671:exon6:c.977_	.
frameshift deletion	LRP1B:NM_018557:exon41:c.6432_	.
frameshift deletion	MACC1:NM_182762:exon5:c.306_	.
frameshift insertion	MAF:NM_001031804:exon1:c.589_	.
nonsynonymous SNV	MAP2K2:NM_030662:exon5:c.G57D	D
frameshift deletion	MET:NM_001324402:exon5:c.449_	.
nonframeshift deletion	MITF:NM_000248:exon9:c.1021_1_	.
nonsynonymous SNV	MLLT1:NM_005934:exon12:c.G151T	B
frameshift insertion	MLLT1:NM_005934:exon5:c.489_4_	.
nonsynonymous SNV	MLLT1:NM_005934:exon2:c.G49A D	D
nonsynonymous SNV	MLLT3:NM_001286691:exon8:c.C1T	P
frameshift deletion	MLLT6:NM_005937:exon8:c.801de_	.
nonframeshift insertion	MNX1:NM_005515:exon1:c.401_41_	.
nonsynonymous SNV	MPL:NM_005373:exon8:c.G1169A T	P
frameshift insertion	MSH6:NM_001281492:exon2:c.251_	.
nonsynonymous SNV	MUC16:NM_024690:exon3:c.G305T	B
frameshift insertion	MUC16:NM_024690:exon3:c.2437_	.
nonframeshift deletion	MUC16:NM_024690:exon3:c.2078_	.
nonsynonymous SNV	MUC4:NM_018406:exon2:c.G7381D	B
nonsynonymous SNV	MUC4:NM_018406:exon2:c.A7375 D	P
frameshift deletion	NCOA1:NM_003743:exon11:c.130_	.
nonsynonymous SNV	NCOA1:NM_003743:exon11:c.C20D	D
nonframeshift deletion	NCOA2:NM_001321711:exon18:c. .	.
nonframeshift deletion	NCOR1:NM_001190438:exon16:c. .	.
frameshift deletion	NCOR2:NM_001077261:exon44:c. .	.
stopgain	NFATC2:NM_001136021:exon2:c.1_	.
frameshift insertion	NFKBIE:NM_004556:exon4:c.1194_	.
nonsynonymous SNV	NOTCH1:NM_017617:exon28:c.G1D	D
nonframeshift deletion	NOTCH1:NM_017617:exon4:c.667_	.
nonsynonymous SNV	NRG1:NM_001159996:exon3:c.G2 T	B
stopgain	NRG1:NM_001159996:exon3:c.G2_	.
nonsynonymous SNV	NSD1:NM_022455:exon16:c.G547 T	D
frameshift deletion	NSD1:NM_022455:exon23:c.7870_	.
frameshift deletion	NUMA1:NM_006185:exon4:c.108d_	.
nonsynonymous SNV	PAX8:NM_003466:exon3:c.G146A D	D
frameshift deletion	PBRM1:NM_001350075:exon24:c. .	.
frameshift deletion	PBRM1:NM_001350075:exon23:c. .	.
stopgain	PBRM1:NM_001350075:exon23:c. .	.
nonsynonymous SNV	PCM1:NM_001315507:exon18:c.T1 T	B
nonsynonymous SNV	PCM1:NM_001315508:exon28:c.G1 T	B
nonframeshift deletion	PHOX2B:NM_003924:exon3:c.741_	.
nonsynonymous SNV	PIK3CA:NM_006218:exon2:c.T283D	D
nonframeshift insertion	PIK3CA:NM_006218:exon2:c.285_	.

stopgain	PIK3CA:NM_006218:exon2:c.C286G	.
nonsynonymous SNV	PLAG1:NM_001114635:exon3:c.G>D	D
nonframeshift deletion	PLCG1:NM_002660:exon25:c.281G>A	.
nonsynonymous SNV	PML:NM_002675:exon1:c.G10T:p.L100R	P
nonsynonymous SNV	POLG:NM_001126131:exon3:c.C7T>A	P
nonsynonymous SNV	POLQ:NM_199420:exon18:c.C579T>A	D
nonframeshift deletion	PPP2R1A:NM_014225:exon13:c.1G>A	.
nonframeshift deletion	PRDM1:NM_182907:exon3:c.369G>A	.
nonframeshift deletion	PRDM2:NM_001007257:exon3:c.2G>A	.
nonsynonymous SNV	PTCH1:NM_000264:exon22:c.C36T>A	B
nonframeshift deletion	PTPN11:NM_001330437:exon11:c.1G>A	.
nonsynonymous SNV	PTPN11:NM_001330437:exon14:c.T>A	B
frameshift deletion	PTPN13:NM_006264:exon3:c.132G>A	.
frameshift insertion	PTPRK:NM_001291983:exon11:c.1G>A	.
frameshift deletion	PTPRT:NM_007050:exon2:c.171del	.
nonsynonymous SNV	PWWP2A:NM_001130864:exon1:c.D>A	D
nonframeshift insertion	RBM10:NM_001204467:exon4:c.3G>A	.
frameshift deletion	RBM10:NM_001204467:exon4:c.3G>A	.
frameshift insertion	RBM10:NM_001204467:exon4:c.3G>A	.
nonsynonymous SNV	RBM10:NM_001204466:exon18:c.C>T	D
nonsynonymous SNV	RBM10:NM_001204466:exon18:c.C>D	D
frameshift deletion	RNF213:NM_001256071:exon25:c.1G>A	.
nonsynonymous SNV	RNF213:NM_001256071:exon29:c.D>A	D
nonsynonymous SNV	ROS1:NM_002944:exon5:c.C374G>D	D
nonsynonymous SNV	RPL5:NM_000969:exon5:c.A391G>T	B
nonframeshift deletion	SETBP1:NM_001130110:exon3:c.4G>A	.
nonsynonymous SNV	SETBP1:NM_015559:exon4:c.G17D>A	D
stopgain	SF3B1:NM_001308824:exon4:c.44G>A	.
nonsynonymous SNV	SF3B1:NM_001308824:exon4:c.T>T	B
nonsynonymous SNV	SMAD3:NM_001145104:exon4:c.C>D	D
frameshift deletion	SMARCA4:NM_001128845:exon5:c.1G>A	.
frameshift deletion	SMARCD1:NM_139071:wholegene>A	.
nonsynonymous SNV	SPECC1:NM_001033555:exon6:c.T>A	B
nonsynonymous SNV	SPECC1:NM_001033555:exon6:c.D>A	D
nonframeshift deletion	SPEN:NM_015001:exon4:c.885_90del	.
nonsynonymous SNV	SPEN:NM_015001:exon11:c.G962D>A	D
nonsynonymous SNV	SSX1:NM_005635:exon6:c.C418T>T	B
nonsynonymous SNV	SSX1:NM_005635:exon6:c.A419G>T	B
nonsynonymous SNV	STAT6:NM_001178081:exon6:c.G>T	B
frameshift deletion	TCF12:NM_001306220:exon7:c.64G>A	.
frameshift deletion	TET1:NM_030625:exon2:c.66_82del	.
nonsynonymous SNV	TFE3:NM_001282142:exon6:c.G6T>A	B
nonframeshift deletion	TGFBR2:NM_003242:exon4:c.100G>A	.
frameshift deletion	TRIM24:NM_003852:exon1:c.231G>A	.
frameshift deletion	TRIM24:NM_015905:exon9:c.1513G>A	.
frameshift deletion	VAV1:NM_001258206:exon22:c.1G>A	.
nonsynonymous SNV	YWHAE:NM_006761:exon3:c.C33T>A	B
nonsynonymous SNV	YWHAE:NM_006761:exon3:c.A33T>A	B

stopgain	ZMYM3:NM_001171162:exon17:c..	.
nonframeshift deletion	ZNF479:NM_033273:exon5:c.106C.	.
nonframeshift insertion	ZNF479:NM_033273:exon5:c.1058.	.
frameshift deletion	ZNRF3:NM_001206998:exon8:c.14.	.

OVEAN and SIFT. Mutations predicted to be deleterious by at least 1

Polyphe LRT_pre Mutator Mutator FATHMM PROVEA MetaSVI MetaLR_ M-CAP_

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Two algorithms were considered potential driver mutations.

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