

**Table S7.** A list of the selected genes of interest affected by CNVs in tumor genomes of all three patients.

<b>Patient</b>	<b>Gene name</b>	<b>Description</b>	<b>CNV</b>
P1	<i>ABCA8</i>	ATP binding cassette subfamily A member 8	Gain
	<i>ABCC3</i>	ATP binding cassette subfamily C member 3	Gain
	<i>ABCC5</i>	ATP binding cassette subfamily C member 5	Gain
	<i>ABCC9</i>	ATP binding cassette subfamily C member 9	Gain
	<i>ABHD2</i>	abhydrolase domain containing 2, acylglycerol lipase	Gain
	<i>ACTB</i>	actin beta	Gain
	<i>ACTL6A</i>	actin like 6A	Gain
	<i>ADAMTSL3</i>	ADAMTS like 3	Gain
	<i>ADIPOQ</i>	adiponectin, C1Q and collagen domain containing	Gain
	<i>ALDH3A1</i>	aldehyde dehydrogenase 3 family member A1	Gain
	<i>AP5Z1</i>	adaptor related protein complex 5 subunit zeta 1	Gain
	<i>ARHGDIB</i>	Rho GDP dissociation inhibitor beta	Gain
	<i>ARID3B</i>	AT-rich interaction domain 3B	Gain
	<i>ARIH1</i>	ariadne RBR E3 ubiquitin protein ligase 1	Gain
	<i>ATN1</i>	atrophin 1	Gain
	<i>ATP11B</i>	ATPase phospholipid transporting 11B (putative)	Gain
	<i>ATP13A4</i>	ATPase 13A4	Gain
	<i>ATP6V0D1</i>	ATPase H <sup>+</sup> transporting V0 subunit d1	Gain
	<i>ATPAF2</i>	ATP synthase mitochondrial F1 complex assembly factor 2	Gain
	<i>AXIN2</i>	axin 2	Gain
	<i>BAK1</i>	BCL2 antagonist/killer 1	Gain
	<i>BCAT1</i>	branched chain amino acid transaminase 1	Gain
	<i>BCL2A1</i>	BCL2 related protein A1	Gain
	<i>BECN1</i>	beclin 1	Gain
	<i>BIRC5</i>	baculoviral IAP repeat containing 5	Gain
	<i>BLM</i>	BLM RecQ like helicase	Gain
	<i>BPNT2</i>	3'(2'), 5'-bisphosphate nucleotidase 2	Gain
	<i>BRCA1</i>	BRCA1 DNA repair associated	Gain
	<i>BRIP1</i>	BRCA1 interacting helicase 1	Gain
	<i>C6</i>	complement C6	Gain
	<i>C6orf15</i>	chromosome 6 open reading frame 15	Gain

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	<i>C9</i>	complement C9	Gain
	<i>CACNA1G</i>	calcium voltage-gated channel subunit alpha1 G	Gain
	<i>CANT1</i>	calcium activated nucleotidase 1	Gain
	<i>CASP9</i>	caspase 9	Gain
	<i>CCND3</i>	cyclin D3	Gain
	<i>CD27</i>	CD27 molecule	Gain
	<i>CD276</i>	CD276 molecule	Gain
	<i>CD4</i>	CD4 molecule	Gain
	<i>CDC27</i>	cell division cycle 27	Gain
	<i>CDC42</i>	cell division cycle 42	Gain
	<i>CDC5L</i>	cell division cycle 5 like	Gain
	<i>CDH1</i>	cadherin 1	Gain
	<i>CDH13</i>	cadherin 13	Gain
	<i>CDKN1A</i>	cyclin dependent kinase inhibitor 1A	Gain
	<i>CDKN1B</i>	cyclin dependent kinase inhibitor 1B	Gain
	<i>CENPS</i>	centromere protein S	Gain
	<i>CENPX</i>	Centromere Protein X or MHF2	Gain
	<i>CHD4</i>	chromodomain helicase DNA binding protein 4	Gain
	<i>CIB1</i>	calcium and integrin binding 1	Gain
	<i>CLDN1</i>	claudin 1	Gain
	<i>CNGB3</i>	cyclic nucleotide gated channel subunit beta 3	Gain
	<i>CNPY3</i>	canopy FGF signaling regulator 3	Gain
	<i>COL11A2</i>	collagen type XI alpha 2 chain	Gain
	<i>COL1A1</i>	collagen type I alpha 1 chain	Gain
	<i>CYP1A1</i>	cytochrome P450 family 1 subfamily A member 1	Gain
	<i>DAXX</i>	death domain associated protein	Gain
	<i>DCDC2</i>	doublecortin domain containing 2	Gain
	<i>DDR1</i>	discoidin domain receptor tyrosine kinase 1	Gain
	<i>DNM1L</i>	dynammin 1 like	Gain
	<i>DVL3</i>	dishevelled segment polarity protein 3	Gain
	<i>E2F2</i>	E2F transcription factor 2	Gain
	<i>E2F4</i>	E2F transcription factor 4	Gain
	<i>ECE1</i>	endothelin converting enzyme 1	Gain

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	<i>EEPD1</i>	endonuclease/exonuclease/phosphatase family domain containing 1	Gain
	<i>EME1</i>	essential meiotic structure-specific endonuclease 1	Gain
	<i>ENDOV</i>	endonuclease V	Gain
	<i>ENO1</i>	enolase 1	Gain
	<i>ENPP2</i>	ectonucleotide pyrophosphatase/phosphodiesterase 2	Gain
	<i>EPCAM</i>	epithelial cell adhesion molecule	Gain
	<i>EPHA2</i>	EPH receptor A2	Gain
	<i>EPHB2</i>	EPH receptor B2	Gain
	<i>ERN1</i>	endoplasmic reticulum to nucleus signaling 1	Gain
	<i>EXOSC10</i>	exosome component 10	Gain
	<i>EYA1</i>	EYA transcriptional coactivator and phosphatase 1	Gain
	<i>FAAP100</i>	FA core complex associated protein 100	Gain
	<i>FAAP20</i>	FA core complex associated protein 20	Gain
	<i>FAM83B</i>	family with sequence similarity 83 member B	Gain
	<i>FAM83H</i>	family with sequence similarity 83 member H	Gain
	<i>FANCE</i>	FA complementation group E	Gain
	<i>FANCI</i>	FA complementation group I	Gain
	<i>FANCL</i>	FA complementation group L	Gain
	<i>FASN</i>	fatty acid synthase	Gain
	<i>FBXO6</i>	F-box protein 6	Gain
	<i>FLCN</i>	folliculin	Gain
	<i>FOXF2</i>	forkhead box F2	Gain
	<i>FOXM1</i>	forkhead box M1	Gain
	<i>GCLC</i>	glutamate-cysteine ligase catalytic subunit	Gain
	<i>GFER</i>	growth factor, augments liver regeneration	Gain
	<i>GGH</i>	gamma-glutamyl hydrolase	Gain
	<i>GH2</i>	growth hormone 2	Gain
	<i>GNMT</i>	glycine N-methyltransferase	Gain
	<i>GPRC5A</i>	G protein-coupled receptor class C group 5 member A	Gain
	<i>GSTA1</i>	glutathione S-transferase alpha 1	Gain
	<i>GSTA2</i>	glutathione S-transferase alpha 2	Gain
	<i>GTF2H4</i>	general transcription factor IIH subunit 4	Gain
	<i>H6PD</i>	hexose-6-phosphate dehydrogenase/glucose 1-dehydrogenase	Gain

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	<i>HEY1</i>	hes related family bHLH transcription factor with YRPW motif 1	Gain
	<i>HLA-B</i>	Major Histocompatibility Complex, Class I, B	Gain
	<i>HLA-DPB1</i>	Major Histocompatibility Complex, Class II, DP Beta 1	Gain
	<i>HOXA4</i>	homeobox A4	Gain
	<i>HOXB13</i>	homeobox B13	Gain
	<i>HOXB3</i>	homeobox B3	Gain
	<i>HOXB4</i>	homeobox B4	Gain
	<i>HOXB7</i>	homeobox B7	Gain
	<i>HRG</i>	histidine rich glycoprotein	Gain
	<i>HROB</i>	homologous recombination factor with OB-fold	Gain
	<i>HSF1</i>	heat shock transcription factor 1	Gain
	<i>HSP90AB1</i>	heat shock protein 90 alpha family class B member 1	Gain
	<i>HUS1B</i>	HUS1 checkpoint clamp component B	Gain
	<i>HYDIN</i>	HYDIN axonemal central pair apparatus protein	Gain
	<i>IFFO1</i>	intermediate filament family orphan 1	Gain
	<i>IGF1R</i>	insulin like growth factor 1 receptor	Gain
	<i>IGF2BP1</i>	insulin like growth factor 2 mRNA binding protein 1	Gain
	<i>IGF2BP3</i>	insulin like growth factor 2 mRNA binding protein 3	Gain
	<i>IL12A</i>	interleukin 12A	Gain
	<i>IL17A</i>	interleukin 17A	Gain
	<i>IL7</i>	interleukin 7	Gain
	<i>IL7R</i>	interleukin 7 receptor	Gain
	<i>ITGA3</i>	integrin subunit alpha 3	Gain
	<i>ITGB4</i>	integrin subunit beta 4	Gain
	<i>KAAG1</i>	kidney associated DCDC2 antisense RNA 1	Gain
	<i>KAT7</i>	lysine acetyltransferase 7	Gain
	<i>KBTBD13</i>	kelch repeat and BTB domain containing 13	Gain
	<i>KDM5A</i>	lysine demethylase 5A	Gain
	<i>KRAS</i>	KRAS proto-oncogene, GTPase	Gain
	<i>LAG3</i>	lymphocyte activating 3	Gain
	<i>LIFR</i>	LIF receptor subunit alpha	Gain
	<i>LMF1</i>	lipase maturation factor 1	Gain
	<i>LTA</i>	lymphotoxin alpha	Gain

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	<i>LUC7L3</i>	LUC7 like 3 pre-mRNA splicing factor	Gain
	<i>MAD2L2</i>	mitotic arrest deficient 2 like 2	Gain
	<i>MAFG</i>	MAF bZIP transcription factor G	Gain
	<i>MAK</i>	male germ cell associated kinase	Gain
	<i>MAP2K1</i>	mitogen-activated protein kinase kinase 1	Gain
	<i>MAP2K3</i>	mitogen-activated protein kinase kinase 3	Gain
	<i>MAP2K4</i>	mitogen-activated protein kinase kinase 4	Gain
	<i>MAPK13</i>	mitogen-activated protein kinase 13	Gain
	<i>MAPK14</i>	mitogen-activated protein kinase 14	Gain
	<i>MASP1</i>	MBL associated serine protease 1	Gain
	<i>MASP2</i>	MBL associated serine protease 2	Gain
	<i>MBTD1</i>	mbt domain containing 1	Gain
	<i>MCM3</i>	minichromosome maintenance complex component 3	Gain
	<i>MCM4</i>	minichromosome maintenance complex component 4	Gain
	<i>MCMDC2</i>	minichromosome maintenance domain containing 2	Gain
	<i>MDC1</i>	mediator of DNA damage checkpoint 1	Gain
	<i>MED13</i>	mediator complex subunit 13	Gain
	<i>MEIOC</i>	meiosis specific with coiled-coil domain	Gain
	<i>MORF4L1</i>	mortality factor 4 like 1	Gain
	<i>MPO</i>	myeloperoxidase	Gain
	<i>MSH2</i>	mutS homolog 2	Gain
	<i>MSLN</i>	mesothelin	Gain
	<i>MTDH</i>	metadherin	Gain
	<i>MTHFR</i>	methylenetetrahydrofolate reductase	Gain
	<i>MTHFS</i>	methenyltetrahydrofolate synthetase	Gain
	<i>MTOR</i>	mechanistic target of rapamycin kinase	Gain
	<i>NANOG</i>	Nanog homeobox	Gain
	<i>NBN</i>	nibrin	Gain
	<i>NEIL1</i>	nei like DNA glycosylase 1	Gain
	<i>NHERF1</i>	NHERF Family PDZ Scaffold Protein 1 or SLC9A3R1	Gain
	<i>NIPBL</i>	NIPBL cohesin loading factor	Gain
	<i>NOTCH2</i>	notch receptor 2	Gain
	<i>NOX5</i>	NADPH oxidase 5	Gain

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	<i>NQO1</i>	NAD(P)H quinone dehydrogenase 1	Gain
	<i>NTHL1</i>	nth like DNA glycosylase 1	Gain
	<i>NTRK3</i>	neurotrophic receptor tyrosine kinase 3	Gain
	<i>NUDT1</i>	nudix hydrolase 1	Gain
	<i>NUP155</i>	nucleoporin 155	Gain
	<i>P4HB</i>	prolyl 4-hydroxylase subunit beta	Gain
	<i>PARK7</i>	Parkinsonism associated deglycase	Gain
	<i>PARP10</i>	poly(ADP-ribose) polymerase family member 10	Gain
	<i>PCLAF</i>	PCNA clamp associated factor	Gain
	<i>PEX14</i>	peroxisomal biogenesis factor 14	Gain
	<i>PFKFB3</i>	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	Gain
	<i>PGD</i>	phosphogluconate dehydrogenase	Gain
	<i>PHB1</i>	Prohibitin 1 or PHB	Gain
	<i>PHGDH</i>	phosphoglycerate dehydrogenase	Gain
	<i>PIF1</i>	PIF1 5'-to-3' DNA helicase	Gain
	<i>PIGL</i>	phosphatidylinositol glycan anchor biosynthesis class L	Gain
	<i>PIK3CA</i>	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha	Gain
	<i>PIK3CD</i>	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit delta	Gain
	<i>PIM1</i>	Pim-1 proto-oncogene, serine/threonine kinase	Gain
	<i>PINK1</i>	PTEN induced kinase 1	Gain
	<i>PKHD1</i>	PKHD1 ciliary IPT domain containing fibrocystin/polyductin	Gain
	<i>PKM</i>	pyruvate kinase M1/2	Gain
	<i>PML</i>	PML nuclear body scaffold	Gain
	<i>PMS2</i>	PMS1 homolog 2, mismatch repair system component	Gain
	<i>POLD2</i>	DNA polymerase delta 2, accessory subunit	Gain
	<i>POLG</i>	DNA polymerase gamma, catalytic subunit	Gain
	<i>POLH</i>	DNA polymerase eta	Gain
	<i>POLM</i>	DNA polymerase mu	Gain
	<i>POU5F1</i>	POU class 5 homeobox 1	Gain
	<i>PPM1D</i>	protein phosphatase, Mg <sup>2+</sup> /Mn <sup>2+</sup> dependent 1D	Gain
	<i>PRDM16</i>	PR/SET domain 16	Gain
	<i>PRKAA1</i>	protein kinase AMP-activated catalytic subunit alpha 1	Gain
	<i>PRKAR1A</i>	protein kinase cAMP-dependent type I regulatory subunit alpha	Gain

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	<i>PRKCA</i>	protein kinase C alpha	Gain
	<i>PRKDC</i>	protein kinase, DNA-activated, catalytic subunit	Gain
	<i>PYY</i>	peptide YY	Gain
	<i>RAC1</i>	Rac family small GTPase 1	Gain
	<i>RAD51AP1</i>	RAD51 associated protein 1	Gain
	<i>RAD51C</i>	RAD51 paralog C	Gain
	<i>RAD52</i>	RAD52 homolog, DNA repair protein	Gain
	<i>RAD54B</i>	RAD54 homolog B	Gain
	<i>RBM17</i>	RNA binding motif protein 17	Gain
	<i>RECQL</i>	RecQ like helicase	Gain
	<i>RECQL4</i>	RecQ like helicase 4	Gain
	<i>RECQL5</i>	RecQ like helicase 5	Gain
	<i>RFC4</i>	replication factor C subunit 4	Gain
	<i>RHNO1</i>	RAD9-HUS1-RAD1 interacting nuclear orphan 1	Gain
	<i>RICTOR</i>	RPTOR independent companion of MTOR complex 2	Gain
	<i>RIOK1</i>	RIO kinase 1	Gain
	<i>RIPK1</i>	receptor interacting serine/threonine kinase 1	Gain
	<i>RNF168</i>	ring finger protein 168	Gain
	<i>RNF213</i>	ring finger protein 213	Gain
	<i>RNF8</i>	ring finger protein 8	Gain
	<i>RPL37</i>	ribosomal protein L37	Gain
	<i>RPS20</i>	ribosomal protein S20	Gain
	<i>RPS6KB1</i>	ribosomal protein S6 kinase B1	Gain
	<i>RRM2B</i>	ribonucleotide reductase regulatory TP53 inducible subunit M2B	Gain
	<i>RUNX2</i>	RUNX family transcription factor 2	Gain
	<i>RUNX3</i>	RUNX family transcription factor 3	Gain
	<i>SCN4A</i>	sodium voltage-gated channel alpha subunit 4	Gain
	<i>SCRIB</i>	scribble planar cell polarity protein	Gain
	<i>SDHB</i>	succinate dehydrogenase complex iron sulfur subunit B	Gain
	<i>SHMT1</i>	serine hydroxymethyltransferase 1	Gain
	<i>SIRT7</i>	sirtuin 7	Gain
	<i>SLC2A14</i>	solute carrier family 2 member 14	Gain
	<i>SLC39A4</i>	solute carrier family 39 member 4	Gain

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	<i>SLCO1A2</i>	solute carrier organic anion transporter family member 1A2	Gain
	<i>SLCO1B1</i>	solute carrier organic anion transporter family member 1B1	Gain
	<i>SLCO1B3</i>	solute carrier organic anion transporter family member 1B3	Gain
	<i>SMURF2</i>	SMAD specific E3 ubiquitin protein ligase 2	Gain
	<i>SNAI2</i>	snail family transcriptional repressor 2	Gain
	<i>SOX17</i>	SRY-box transcription factor 17	Gain
	<i>SOX2</i>	SRY-box transcription factor 2	Gain
	<i>SOX8</i>	SRY-box transcription factor 8	Gain
	<i>SOX9</i>	SRY-box transcription factor 9	Gain
	<i>SPIDR</i>	scaffold protein involved in DNA repair	Gain
	<i>SRPK1</i>	SRSF protein kinase 1	Gain
	<i>SRSF2</i>	serine and arginine rich splicing factor 2	Gain
	<i>ST6GAL1</i>	ST6 beta-galactoside alpha-2,6-sialyltransferase 1	Gain
	<i>STAT3</i>	signal transducer and activator of transcription 3	Gain
	<i>STK17A</i>	serine/threonine kinase 17a	Gain
	<i>STUB1</i>	STIP1 homology and U-box containing protein 1	Gain
	<i>SYNM</i>	synemin	Gain
	<i>TAPBP</i>	TAP binding protein	Gain
	<i>TBX2</i>	T-box transcription factor 2	Gain
	<i>TBX4</i>	T-box transcription factor 4	Gain
	<i>TDP2</i>	tyrosyl-DNA phosphodiesterase 2	Gain
	<i>TEAD3</i>	TEA domain transcription factor 3	Gain
	<i>TEAD4</i>	TEA domain transcription factor 4	Gain
	<i>TERB1</i>	telomere repeat binding bouquet formation protein 1	Gain
	<i>TERF2</i>	telomeric repeat binding factor 2	Gain
	<i>TEX14</i>	testis expressed 14, intercellular bridge forming factor	Gain
	<i>TFRC</i>	transferrin receptor	Gain
	<i>TICRR</i>	TOPBP1 interacting checkpoint and replication regulator	Gain
	<i>TIGAR</i>	TP53 induced glycolysis regulatory phosphatase	Gain
	<i>TIMP2</i>	TIMP metalloproteinase inhibitor 2	Gain
	<i>TNF</i>	tumor necrosis factor	Gain
	<i>TNFRSF11B</i>	TNF receptor superfamily member 11b	Gain
	<i>TNFRSF1A</i>	TNF receptor superfamily member 1A	Gain



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	<i>TNFRSF4</i>	TNF receptor superfamily member 4	Gain
	<i>TNFRSF9</i>	TNF receptor superfamily member 9	Gain
	<i>TONSL</i>	tonsoku like, DNA repair protein	Gain
	<i>TOP3A</i>	DNA topoisomerase III alpha	Gain
	<i>TP53INP1</i>	tumor protein p53 inducible nuclear protein 1	Gain
	<i>TP63</i>	tumor protein p63	Gain
	<i>TP73</i>	tumor protein p73	Gain
	<i>TRADD</i>	TNFRSF1A associated via death domain	Gain
	<i>TRIL</i>	TLR4 interactor with leucine rich repeats	Gain
	<i>TRIM27</i>	tripartite motif containing 27	Gain
	<i>TRIM65</i>	tripartite motif containing 65	Gain
	<i>TTPA</i>	alpha tocopherol transfer protein	Gain
	<i>UBE2V2</i>	ubiquitin conjugating enzyme E2 V2	Gain
	<i>UBE2W</i>	ubiquitin conjugating enzyme E2 W	Gain
	<i>UBR5</i>	ubiquitin protein ligase E3 component n-recogin 5	Gain
	<i>USP13</i>	ubiquitin specific peptidase 13	Gain
	<i>USP22</i>	ubiquitin specific peptidase 22	Gain
	<i>VCPIP1</i>	valosin containing protein interacting protein 1	Gain
	<i>VEGFA</i>	vascular endothelial growth factor A	Gain
	<i>WDR45B</i>	WD repeat domain 45B	Gain
	<i>WRNIP1</i>	WRN helicase interacting protein 1	Gain
	<i>WWOX</i>	WW domain containing oxidoreductase	Gain
	<i>WWP2</i>	WW domain containing E3 ubiquitin protein ligase 2	Gain
	<i>YWHAZ</i>	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta	Gain
	<i>ZFHX3</i>	zinc finger homeobox 3	Gain
	<i>ZFHX4</i>	zinc finger homeobox 4	Gain
	<i>ZSWIM7</i>	zinc finger SWIM-type containing 7	Gain
	<i>HLA-A</i>	Major Histocompatibility Complex, Class I, A	Loss
	<i>NF2</i>	NF2, moesin-ezrin-radixin like (MERLIN) tumor suppressor	Loss
	<i>RB1</i>	RB transcriptional corepressor 1	Loss
	<i>WWOX</i>	WW domain containing oxidoreductase	Loss
P2	<i>ABCA8</i>	ATP binding cassette subfamily A member 8	Gain
	<i>ANKLE1</i>	ankyrin repeat and LEM domain containing 1	Gain

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	<i>ATPAF2</i>	ATP synthase mitochondrial F1 complex assembly factor 2	Gain
	<i>BABAM1</i>	BRISC and BRCA1 A complex member 1	Gain
	<i>BRIP1</i>	BRCA1 interacting helicase 1	Gain
	<i>BRME1</i>	break repair meiotic recombinase recruitment factor 1	Gain
	<i>BRWD1</i>	bromodomain and WD repeat domain containing 1	Gain
	<i>CACNA1A</i>	calcium voltage-gated channel subunit alpha1 A	Gain
	<i>CHAF1B</i>	chromatin assembly factor 1 subunit B	Gain
	<i>CHMP2B</i>	charged multivesicular body protein 2B	Gain
	<i>COL1A1</i>	collagen type I alpha 1 chain	Gain
	<i>DSCAM</i>	DS cell adhesion molecule	Gain
	<i>FLCN</i>	folliculin	Gain
	<i>LDLR</i>	low density lipoprotein receptor	Gain
	<i>MED13</i>	mediator complex subunit 13	Gain
	<i>PDXK</i>	pyridoxal kinase	Gain
	<i>PIGL</i>	phosphatidylinositol glycan anchor biosynthesis class L	Gain
	<i>PPM1D</i>	protein phosphatase, Mg2+/Mn2+ dependent 1D	Gain
	<i>PRKAR1A</i>	protein kinase cAMP-dependent type I regulatory subunit alpha	Gain
	<i>PRKCA</i>	protein kinase C alpha	Gain
	<i>ROBO2</i>	roundabout guidance receptor 2	Gain
	<i>RPS6KB1</i>	ribosomal protein S6 kinase B1	Gain
	<i>S100B</i>	S100 calcium binding protein B	Gain
	<i>SHMT1</i>	serine hydroxymethyltransferase 1	Gain
	<i>SMARCA4</i>	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4	Gain
	<i>SOX9</i>	SRY-box transcription factor 9	Gain
	<i>TBX2</i>	T-box transcription factor 2	Gain
	<i>TBX4</i>	T-box transcription factor 4	Gain
	<i>TOP2A</i>	DNA topoisomerase II alpha	Gain
	<i>TOP3A</i>	DNA topoisomerase III alpha	Gain
	<i>ZSWIM7</i>	zinc finger SWIM-type containing 7	Gain
	<i>KIR2DL1</i>	killer cell immunoglobulin like receptor, two Ig domains and long cytoplasmic tail 1	Loss
P3	N/A	N/A	N/A