

Group	Gene	Entrez_ID	Gene name
<b>FGFR Pathway integrity</b>	FGF3	2248	fibroblast growth factor 3
	FGF4	2249	fibroblast growth factor 4
	FGF19	9965	fibroblast growth factor 19
	FGF21	26291	fibroblast growth factor 21
	FGF23	8074	fibroblast growth factor 23
	FGFR1	2260	fibroblast growth factor receptor 1
	FGFR2	2263	fibroblast growth factor receptor 2
	FGFR3	2261	fibroblast growth factor receptor 3
	FGFR4	2264	fibroblast growth factor receptor 4
	KLB	152831	klotho beta
<b>Response markers</b>	AFP	174	alpha-fetoprotein
	ABCB11	8647	ATP-binding cassette, sub-family B (MDR/TAP), member 11
	ACACB	32	acetyl-CoA carboxylase beta
	ACOX2	8309	acyl-CoA oxidase 2, branched chain
	AQP8	343	aquaporin 8
	CYP17A1	1586	cytochrome P450, family 17, subfamily A, polypeptide 1
	CYP27A1	1593	cytochrome P450, family 27, subfamily A, polypeptide 1
	CYP7A1	1581	cytochrome P450, family 7, subfamily A, polypeptide 1
	CYP7B1	9420	cytochrome P450, family 7, subfamily B, polypeptide 1
	CYP8B1	1582	cytochrome P450, family 8, subfamily B, polypeptide 1
	EGR1	1958	early growth response 1
	HMGCR	3156	3-hydroxy-3-methylglutaryl-CoA reductase
	IGFBP2	3485	insulin-like growth factor binding protein 2
	LEPR	3953	leptin receptor
	NR0B2	8431	nuclear receptor subfamily 0, group B, member 2
	NRIP1	8204	nuclear receptor interacting protein 1
	SCD	6319	stearoyl-CoA desaturase
	SQLE	6713	squalene epoxidase
	FRS2	10818	fibroblast growth factor receptor substrate 2
	<b>Oncogenic signaling</b>	AKT1	207
ARID1A		8289	AT rich interactive domain 1A (SWI-like)
BAD		572	BCL2-associated agonist of cell death

BAX	581	BCL2-associated X protein
BCL2L1	598	BCL2-like 1
BIRC5	332	baculoviral IAP repeat containing 5
BRD7	29117	bromodomain containing 7
CASP9	842	caspase 9, apoptosis-related cysteine peptidase
CDK1	983	cyclin-dependent kinase 1
CDKN1A	1026	cyclin-dependent kinase inhibitor 1A
CDKN1B	1027	cyclin-dependent kinase inhibitor 1B
CTNNB1	1499	catenin (cadherin-associated protein), beta 1, 88kDa
DAXX	1616	death-domain associated protein
GLUL	2752	glutamate-ammonia ligase
HGF	3082	hepatocyte growth factor (hepapoietin A; scatter factor)
LGR5	8549	leucine-rich repeat containing G protein-coupled receptor 5
MIR21	406991	microRNA 21
NCOR1	9611	nuclear receptor corepressor 1
NF1	4763	neurofibromin 1
TGFB1	7040	transforming growth factor, beta 1
TSC1	7248	tuberous sclerosis 1
TSC2	7249	tuberous sclerosis 2
ARID2	196528	AT rich interactive domain 2 (ARID, RFX-like)
CDKN3	1033	cyclin-dependent kinase inhibitor 3
AURKB	9212	aurora kinase B
CCNB1	891	cyclin B1
CYP2E1	1571	cytochrome P450, family 2, subfamily E, polypeptide 1
ADH1B	125	alcohol dehydrogenase 1B
HGFAC	3083	HGF activator
APOF	319	apolipoprotein F
FCN2	2220	ficolin (collagen/fibrinogen domain containing lectin) 2
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<b>CNV matched</b>	AXIN1	8312 axin 1
	BICC1	80114 BicC family RNA binding protein 1
	CCND1	595 cyclin D1
	CDKN2A	1029 cyclin-dependent kinase inhibitor 2A
	ELL	8178 elongation factor RNA polymerase II

ERBB2	2064	erb-b2 receptor tyrosine kinase 2
MAP2K3	5606	mitogen-activated protein kinase kinase 3
MET	4233	MET proto-oncogene, receptor tyrosine kinase
MYC	4609	v-myc avian myelocytomatosis viral oncogene homolog
ORAOV1	220064	oral cancer overexpressed 1
PTEN	5728	phosphatase and tensin homolog
RB1	5925	retinoblastoma 1
RECQL4	9401	RecQ protein-like 4
SAV1	60485	salvador family WW domain containing protein 1
TERT	7015	telomerase reverse transcriptase
TP53	7157	tumor protein p53
TRIM45	80263	tripartite motif containing 45
VEGFA	7422	vascular endothelial growth factor A

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**Controls**

ACTB	60	actin, beta
BRAP	8315	BRCA1 associated protein
CNOT2	4848	CCR4-NOT transcription complex, subunit 2
COX15	1355	COX15 homolog, cytochrome c oxidase assembly protein (yeast)
CTCF	10664	CCCTC-binding factor (zinc finger protein)
EIF2B1	1967	eukaryotic translation initiation factor 2B, subunit 1 alpha, 26kDa
FAM149B1	317662	family with sequence similarity 149, member B1
FAM175B	23172	family with sequence similarity 175, member B
FBXO18	84893	F-box protein, helicase, 18
GAPDH	2597	glyceraldehyde-3-phosphate dehydrogenase
NRF1	4899	nuclear respiratory factor 1
SDHAF2	54949	chromosome 11 open reading frame 79
SF1	7536	splicing factor 1
SUPT7L	9913	suppressor of Ty 7 ( <i>S. cerevisiae</i> )-like
SUPV3L1	6832	suppressor of var1, 3-like 1 ( <i>S. cerevisiae</i> )
TIAL1	7073	TIA1 cytotoxic granule-associated RNA binding protein-like 1
VTI1B	10490	vesicle transport through interaction with t-SNAREs homolog 1B (yeast)
WDR33	55339	WD repeat domain 33
YY1	7528	YY1 transcription factor
ZNF143	7702	zinc finger protein 143

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