Tumour	Significant Genes (sample count, pvalue)	OncoGene Significance
LGG	***MRPS17**, (16, 8.6e-07); **EGFR,** (11, 9.8e-07); SEC61G, (10, 1.0e-06); ***VOPP1, *LANCL2,** (9, 1.09e-06);*	
OV	****ZNF709,** ZNF788, (38, 4.6e-08); ***ZNF763,** (34, 5.9e-08); ***CYP4F3,** OR10H5, PGLYRP2, OR1I1, WIZ, OR10H2, OR10H3, CYP4F2, ***CYP4F11, *AKAP8L,** ILVBL, RASAL3, CYP4F22, OR10H1, SYDE1, EPHX3, ***NOTCH3,** CYP4F12, (20, 1.06e-07); ***ZNF564,** RTBDN, IER2, ZNF333, RLN3, ***RFX1,** OR7A17, ZNF799, PALM3, GADD45GIP1, ***MAST1,** ZNF442, ZNF443, ZNF563, ***AKAP8,** OR7A10, ***BRD4, *CCDC130,** NFIX, KLF1, ***ZNF44, *CACNA1A,** CTD-2192J16.24, ***CCDC105,** CALR, RAD23A, OR7C1, CTD-3105H18.16, DCAF15, OR7A5, NACC1, TRMT1, ZNF625, WDR83, SYCE2, ZNF878, DAND5, DNASE2, NDUFB7, TNPO2, PRKACA, GIPC1, ZNF791, PTGER1, LYL1, C19orf67, ASF1B, FARSA, C19orf53, NANOS3, STX10, ASNA1, LPHN1, HOOK2, PODNL1, C19orf43, MRI1, OR7C2, CD97, DDX39A, ***SLC1A6,** ZNF20, SAMD1, CC2D1A, AC090427.1, ***ZNF433,** ZSWIM4, ***ZNF490,** GCDH, CASP14, *RNASEH2A, WDR83OS, hsa-mir-1199, IL27RA, ZNF136, PKN1, EMR2, *TECR, ZNF844, *CLEC17A, C19orf57, FBXW9, DNAJB1, DHPS, EMR3, MAN2B1, ***BEST2,** PRDX2, JUNB, AC008686.1, (19, 1.06e-07); SLC44A2, ZNF439, ZNF440, ECSIT, DKFZP761J1410, ***ZNF627,** ZNF69, ***ELOF1,** AC011475.1, PRKCSH, CARM1, LDLR, SPC24, YIPF2, CCDC159, C19orf52, SWSAP1, KANK2, TMEM205, ZNF653, ***RAB3D, *RGL3,** ZNF491, ZNF441, C19orf38, ZNF823, CCDC151, ACP5, ***SMARCA4, *TSPAN16,** DOCK6, C19orf80, TMED1, CNN1, QTRT1, ELAVL3, ILF3, CCNE1, ***C19orf12,** PLEKHF1, (17, 1.12e-07); S1PR5, OCEL1, P2RY11, ***EPOR,** ATG4D, ICAM5, TMEM221, SMIM7, SLC27A1, RAB8A, ***FAM129C,** DDA1, KRI1, CTC-429P9.4, USE1, SIN3B, RAVER1, MED26, DNMT1, ANO8, NWD1, EPS15L1, S1PR2, CHERP, MRPL4, ***GTPBP3,** F2RL3, MVB12A, TMEM38A, CIB3, PPAN-P2RY11, BST2, CTD-2521M24.10, AP1M2, ABHD8, NXNL1, C19orf44, AP1M1, FAM32A, PLVAP, USHBP1, SLC35E1, ZGLP1, EIF3G, OR10H4, CDKN2D, NR2F6, AC010646.3, ICAM3, ICAM1, PPAN, CALR3, PGLS, FDX1L, HSH2D, CDC37, KLF2, TPM4, MRPL34, TYK2, ***ANGPTL6,** KEAP1, ICAM4, ***PDE4A,** BABAM1, ANKLE1, ***OC90, *URI1, *DNM2,** POP4, VSTM2B, (16, 1.15e-07); ***CPAMD8, *MYO9B, *C19orf66,** HAUS8, RDH8, (15, 3.9e-05); UQCRFS1, ***COL5A3, *ZNF536, *WDR88,** CEBPA, LRP3, AC020952.1, ***SLC7A10,** HOXC4, (14, 4.5e-4)*	0.047
ESCA	*FGF4, ***FGF3, *PPFIA1,** FADD, ***CTTN,** AP001888.1, ***ANO1,** (16, 2.2e-07); FGF19, ORAOV1, ***CCND1,** (15, 2.2e-07);*	0.002
HNSC	****PPFIA1,** FADD, ***CTTN, *ANO1,** (29, 0.003); FGF4, ***FGF3,** FGF19, ORAOV1, AP001888.1, ***CCND1,** (28, 0.004);*	1.90E-05
UCEC	*EFNA3, (14, 7.1e-08);*	2.10E-05
SKCM	****NARS2,** (33, 6.0e-08); UCP2, P2RY2, INTS4, AQP11, ***P4HA3,** COA4, TPBGL, ***NEU3,** MRPL48, RPS3, POLD3, MOGAT2, ***GAB2, *C2CD3, *UVRAG,** SPCS2, ***B3GNT6, *FAM168A,** THRSP, OR2AT4, DNAJB13, SERPINH1, OMP, ***LRRC32,** GDPD5, ***GDPD4,** NDUFC2, ***ARHGEF17,** KCNE3, AAMDC, ***DGAT2, *ACER3,** XRRA1, KLHL35, ***PAK1,** PPME1, P2RY6, ***SLCO2B1,** DKFZP434E1119, ***C11orf30, *RELT,** CLNS1A, ***CAPN5,** RSF1, WNT11, ***RP11-111M22.2,** CHRDL2, ***PGM2L1,** USP35, RAB6A, TSKU, UCP3, LIPT2, KCTD14, ***MAP6,** KCTD21, ALG8, ***PAAF1,** ARRB1, PLEKHB1, NDUFC2-KCTD14, PRKRIR, (32, 6.4e-08); ***RNF169,** (31, 6.7e-08); ***RAB38,** CCDC81, PRSS23, ***MYO7A, *TENM4, *ME3, *GRM5, *TMEM135,** FZD4, ***TYR,** (30, 7.0e-08); ***SYTL2,** TMEM126B, CCDC89, CREBZF, TMEM126A, (29, 7.3e-08); PICALM, ***DLG2,** AP000974.1, ANKRD42, ***CCDC90B,** EED, C11orf82, ***PCF11,** FAM181B, ***C11orf73, *PRCP,** RAB30, CCDC83, (28, 7.6e-08); ***CTSC,** (25, 8.5e-08); TNFAIP8L3, HDC, AP4E1, MYEF2, MYO5C, CTXN2, CEP152, TMOD3, ***SEMA6D,** COPS2, FKSG62, DUT, LYSMD2, TRPM7, GALK2, CYP19A1, BCL2L10, FAM227B, SLC27A2, SPPL2A, ***SLC12A1,** TMOD2, MAPK6, FGF7, GABPB1, GLDN, ATP8B4, USP8, SECISBP2L, USP50, DTWD1, SLC24A5, EID1, GNB5, DMXL2, ***LEO1,** SHC4, SCG3, FBN1, (24, 9.0e-05);*	
GBM	*ZNF479, (50, 1.1ee-08); ZNF716, (48, 1.9ee-08); POM121L12, (47, 2.2ee-08); ***COBL, *GRB10,** DDC, ***IKZF1,** (43, 3.8e-08); LRIG3, ***RP11-362K2.2**, ***FIGNL1,** C7orf72, VWC2, (42, 4.2e-08); ***ZPBP,** (41, 4.5e-08); PKD1L1, C7orf69, C7orf57, C7orf65, UPP1, ***SUN3,** HUS1, AC004899.1, ***SRGAP1,** RP11-272B17.2, ***SLC16A7,** C12orf66, XPOT, ***CAND1,** AC025262.1, ***DPY19L2,** AVPR1A, TMEM5, ***TBC1D30,** GNS, ***TBK1,** C12orf56, ***RASSF3,** (38, 5.7e-08); ***TSPAN31,** CDK4, ***TNS3, *ABCA13,** AC090673.2, LLPH, TMBIM4, ***MON2, *HELB, *WIF1, *GRIP1, *USP15,** IRAK3, ***LEMD3,** HMGA2, ***MSRB3,** C12orf61, RP11-366L20.2, ***FAM19A2,** (37, 6.1e-08); CTDSP2, RP11-571M6.15, TSFM, METTL21B, METTL1, ***CYP27B1,** IFNG, (36, 6.4e-08); XRCC6BP1, AC006455.1, AC073188.1, IL22, ***PPM1H, *IL26, *DYRK2,** MDM1, (35, 6.8e-08); ***AVIL, *AGAP2,** OS9, AGAP2-AS1, IGFBP3, RAMP3, ADCY1, AC096582.1, ***IGFBP1,** ZNF727, ZNF736, ZNF273, ZNF138, ZNF107, ***ZNF680,** ZNF679, ZNF117, ERV3-1, MDM2, (34, 7.2e-08); AC011294.3, ZNF92, ***AC124890.1,** (33, 7.6e-08); ***RAP1B,** (32, 8.e-08); ***MARCH9,** (31, 8.4e-08); ***AQP1, *SLC35E3,** (30, 8.7e-08); ***NUP107,** (29, 8.6e-07); *NUDCD3, NACAD, CCM2, MYO1G, TBRG4, PPIA, YKT6, POLD2, ZMIZ2, ***GCK,** TMED4, MYL7, DDX56, AEBP1, NPC1L1, POLM, OGDH, ***CAMK2B,** (28, 4.1e-05);*	
LUSC	*HTR3C, DVL3, MAP6D1, HTR3E, ABCC5, ***KLHL24,** ECE2, ABCF3, PARL, ALG3, YEATS2, VWA5B2, AP2M1, HTR3D, CAMK2N2, (30, 6.3e-08); CHRD, POLR2H, ***ATP11B,** RP11-433C9.2, KLHL6, LAMP3, FAM131A, ***MCCC1,** EIF4G1, THPO, CLCN2, ***EIF2B5,** MAGEF1, EPHB3, ***PSMD2, *DCUN1D1,** (29, 6.5e-08); ***B3GNT5,** EHHADH, MAP3K13, ***C3orf70, *MCF2L2, *CCDC39**, SOX2, ***VPS8,** TTC14, ***TMEM41A, *GPR160, *TNIK,** RPL22L1, PLD1, TNFSF10, TMEM212, PP13439, ***EIF5A2,** GHSR, SLC2A2, AC092964.1, ***NCEH1,** AC007919.2, AC092964.2, ***FNDC3B,** (28, 6.8e-08); DNAJC19, ***FXR1,** MRPL47, ACTL6A, ***PIK3CA, *SAMD7, *ZMAT3,** USP13, ***MECOM,** SI, SKIL, ***ECT2, *NDUFB5,** BCHE, SEC62, ***KCNMB2, *CLDN11, *SLITRK3,** LRRC31, ***MYNN,** PRKCI, ***KCNMB3, *SPATA16,** GNB4, ***TBL1XR1,** LRRIQ4, ACTRT3, LRRC34, ZNF639, ***SLC7A14, *PHC3,** MFN1, (27, 7.1e-08); ***SERPINI1, *SERPINI2, *PEX5L, *WDR49, *NLGN1, *ZBBX, *GOLIM4, *NAALADL2, *PDCD10,** (26, 7.4e-08); ***LIPH,** TRA2B, C3orf65, ***IGF2BP2,** SENP2, (25, 7.6e-08); ETV5, RTP1, RFC4, AHSG, EIF4A2, DGKG, HRG, KNG1, ADIPOQ, TBCCD1, RPL39L, CRYGS, DNAJB11, FETUB, ST6GAL1, ARL14, (21, 5.2e-05);*	
BRCA	*ZFP41, (8, 3.4e-07);*	