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| **Supplementary File 01: List of Differentially Expressed Genes identified in Metastatic Lung cancer TCGA Datasets** | |
| **Upregulated** | REG4, TFF2, OR13H1, PIWIL1, RPE65, CALB1, IGHE, GCNT3, FAM133A, TRAV2, GDA, ALOX15, FCER1A, SERPINB5, F2RL, SULT1C3, DHRS9, CLDN16, SCARNA5, TRAJ27, P2RY10, TMEM200A, NEFM, ADRA2A, TCN1, MIS12, SLC46A3, PHLDA1, SLC12A2, GPR21, AC116407.1, MIR1244-2, MT-ATP6, GTF2H2B, SNORA23, MT-ND2, MT-CO2, FAS, SELENOT, LYSMD3, RPL7P32, UQCRBP1, ADGRL4, ATXN1L |
| **Downregulated** | SOGA1, BRD2, GTF2IP1, COL4A5, PPIAP31, MROH1, H4C12, POTEI, CCHCR1, CEP131, H4C15, NINL, STMN3, ACTBP11, H4C11, TNXB, PHF1, SKIV2L, EHMT2, MTRNR2L12, IGLC3, OR7E12P, NMNAT2, LMO3, ZNF724, TUBB3, MICB, DXO, NPIPB1P, LINC02887, STAG3L3, PCDHB18P, RPL5P24, IGFBP2, APC2, GOLGA8M, HERC2P3, LHB, IGLC7, HLA-DMB, SNRPA1P1, RPL36AP16, CRB1, TUBBP5, DLGAP3, MEX3B, HMGN2P25, IGHV3OR16-6, ATF6B, SYNGAP1, PDZD4 ,LST1, NBPF11, ELOA2, IGHGP, PCDH19, H2AC18, SEPTIN3, PPIAP66, ARL17B, SCX, IGKV1D-33, AC244669.2, LRRIQ1, RBP1, FOXC2, SPDYE22P, RGS17, POTEF, APLP1, MAGED4, HSD17B8, MYT1, RGS7, IGSF9, TNF, SP6, KRT7, HMGN2P7, CFAP61, CKB, TRIM26, AMH, NANOGP4, UNC13A, PPIAP2, HLA-DPA1, NEU1, HSPA1A, GOLGA8S, CKM, IGKV1-33, ANKRD65, IGKV2D-28, AC134879.2, ASAH2, KRTAP10-12, UNC80, SCN2A, MAST1, STXBP5L, UCHL1, ENTPD8, SPDYE2B, STK19, PEX5L, COL4A6, AC243919.1, PCLO, ANKRD18B, DTX2P1-UPK3BP1-PMS2P11, AC113385.2, KCNG3, LSM2, FAM86JP, NCAM1, PNRC2, FAM222A, VPS52, DYNC1I1, YTHDC1, COL22A1, ZNF658B, MYT1L, ANO4, MAP7D2, ARHGAP27, GRIK3, H2BS1, TRIM64FP, CUTA, FMN2, RBMXL3, BSN, AIF1, METTL7B, MAGED4B, KCNQ2, MGAT5B, IGKV1OR22-5, IGHD6-19, GOLGA8DP, CACNA1B, RPS17, PSG11, DLX6, PKD2L1, CASTOR2, CELF4, DSCAML1, HEPACAM2, CELF3, LTB, AC103988.1, FREM2, TCEAL5, H2BP1, CPLX2, AP3B2, SALL3, AP005597.4, ZNF723, AC131392.1, MUC22, SOX11, SPAG6, GRIA2, PRAMEF15, PRAMEF17, FOXE1, NELFE, JSRP1, TTBK1, RING1, RXRB, TUBB8B, SLC39A7, GOLGA6L9, ZNF536, DCX, PTPRZ1, SRRM3, MDC1, HLA-J, OR7E126P, AC116655.1, TCEAL2, HOXD10, ST8SIA3, SOX2, RAB3B, DGKB, IGKV2D-30, ELAVL4, IGFBPL1, SULT4A1, C1orf127, VWA5B2, CTXN1, SCG3, CTNNA2, GOLGA6L4, EDN2, KCNA1, KRT16P2, TUBB, SEPTIN14P12, CACNA1A, NKAIN2, EFCAB1, POLR2J4, MIR941-5, PRAMEF31P, ZNF84, MIR941-1, CST4, PLEKHG4B, METTL27, KRTAP10-7, KRTAP10-8, ATP2B3, ALG1L, MS4A8, RIPPLY3, TNRC18P1, PDZK1P1, H3C6, ZBED9, TAAR1, PRAMEF19, TAGLN3, DAPL1, TBC1D3P1, PPIAL4G, TTLL10-AS1, C5orf60, SEZ6L, AMER2, EEF1A2, FRG2B, VCX3B, PCDHB2, KCNC2, PAK5, KRTAP10-13P, OR4F28P, KCNK17, PCP4, RNF182, DPYSL5, FOXD4L6, KRT16P3, MC3R, CEACAM8, DACH2, MIR941-3, RDH16, MOG, CGB5, AC106017.2, ZNF859P, AC239859.1, MESTP3, CDK5R2, SHISA9, HMGN2P23, FIBCD1, OR7E36P, POTEB3, IGKV2OR22-3, AC034105.1, ADAMTS7P1, AC010653.3, PRAMEF28P, FCN2, RNA5-8SN3, FAM153CP, NRSN1, MIR2052HG, VGF, TBC1D3B, OXCT2, IGKV1OR-2, IGLV3-12, USP17L16P, FAM230D, PNMA6A, AC004951.3, KRTAP19-5, INA, NCR3, ZMAT4, IGKV1OR2-6, TUBB2BP1, SNORD115-33, OR7E59P, KRTAP5-7, OR2T32P, PRAMEF14, OR7E55P, FP236383.4, ZBTB9, KIF1A, XIST, FOXD3, FAM230E, FRG2C, MAB21L4, PMS2P7, XKR7, PRAMEF6, MSI1, TRIM53CP, SNORD115-14, GAGE2A, TMEM179, SOX21, LINC00243, MB, GJC2, SCGB2A2, OR51A2, FOXI3, CAMK2N2, FOXJ1, ABHD17AP1, MIR7-3HG, LINC02210, FOXD4L5, PRAMEF27, CST2, TRIM48, MAPK8IP1P2, FOXN4, TGIF2LX, AC130360.1, FOXD4L4, CALCA , FAM230G, PPIAP75 |