Top mutated genes (tier 1) of lung cancer are (n=50):

Asia:  
EGFR (67.3124%)  
KRAS (4.2702%)  
TP53 (2.4509%)  
MET (1.9961%)  
PIK3CA (1.1118%)  
LRP1B (0.7917%)  
BRAF (0.7412%)  
ERBB2 (0.4969%)  
AKT1 (0.4464%)  
NFE2L2 (0.4464%)  
STK11 (0.3874%)  
PTEN (0.3201%)  
FAT4 (0.2864%)  
KMT2D (0.2274%)  
KEAP1 (0.219%)  
KMT2C (0.2021%)  
ALK (0.1937%)  
ERBB4 (0.1937%)  
RB1 (0.1937%)  
NF1 (0.1853%)  
TET2 (0.1853%)  
CTNNB1 (0.1769%)  
CREBBP (0.1684%)  
ZNF521 (0.16%)  
ZFHX3 (0.16%)  
TSC2 (0.16%)  
KDR (0.1516%)  
TPR (0.1432%)  
SMARCA4 (0.1432%)  
FBXW7 (0.1432%)  
RNF213 (0.1348%)  
POLQ (0.1348%)  
ATM (0.1348%)  
PDE4DIP (0.1263%)  
ROS1 (0.1263%)  
PREX2 (0.1179%)  
MTOR (0.1179%)  
SETD2 (0.1179%)  
ARID1A (0.1179%)  
DDR2 (0.1179%)  
BRCA2 (0.1095%)  
PTPRC (0.1095%)  
NCOR1 (0.1095%)  
MED12 (0.0926%)  
SPEN (0.0926%)  
RBM10 (0.0842%)  
ARID1B (0.0758%)  
ASXL1 (0.0505%)  
CLIP1 (0.0337%)  
IKBKB (0.0084%)  
  
  
The world:  
EGFR (27.8464%)  
KRAS (7.5095%)  
TP53 (5.969%)  
LRP1B (0.9817%)  
PIK3CA (0.9796%)  
MET (0.7474%)  
STK11 (0.791%)  
KEAP1 (0.764%)  
BRAF (0.764%)  
KMT2D (0.6013%)  
RB1 (0.6925%)  
KMT2C (0.5349%)  
ARID1A (0.5795%)  
ALK (0.4966%)  
NF1 (0.5422%)  
FAT1 (0.508%)  
ERBB4 (0.4478%)  
PTPRT (0.4064%)  
FAT4 (0.4499%)  
ATM (0.4572%)  
SMARCA4 (0.4582%)  
ERBB2 (0.4841%)  
CDKN2A (0.4634%)  
NTRK3 (0.4001%)  
GRIN2A (0.3804%)  
ZFHX3 (0.3307%)  
KDR (0.368%)  
NOTCH1 (0.3556%)  
PTEN (0.3566%)  
APC (0.339%)  
PDGFRA (0.3338%)  
EML4 (0.1099%)  
CREBBP (0.3317%)  
ROS1 (0.312%)  
RNF213 (0.2654%)  
ATRX (0.3068%)  
PDE4DIP (0.2737%)  
NFE2L2 (0.2996%)  
RBM10 (0.2996%)  
ZNF521 (0.2561%)  
FLT4 (0.2706%)  
PREX2 (0.2602%)  
SETD2 (0.2747%)  
SETBP1 (0.2747%)  
PTPRB (0.255%)  
MTOR (0.2747%)  
BRCA2 (0.2654%)  
MED12 (0.2581%)  
NOTCH2 (0.2726%)  
ATR (0.2519%)  
CARD11 (0.2436%)  
EP300 (0.2488%)  
POLQ (0.2374%)  
KMT2A (0.2488%)  
TRRAP (0.2198%)  
TSC2 (0.2291%)  
POLE (0.2353%)  
RET (0.2364%)  
CTNNB1 (0.2457%)  
CHEK2 (0.1555%)  
ARID2 (0.2395%)  
RUNX1T1 (0.2353%)  
NCOR2 (0.2021%)  
ARID1B (0.2343%)  
AMER1 (0.2073%)  
SPEN (0.1939%)  
DDR2 (0.2291%)  
CAMTA1 (0.1845%)  
NCOR1 (0.2104%)  
NSD1 (0.2053%)  
TET1 (0.2084%)  
AR (0.2053%)  
KIT (0.2042%)  
BRCA1 (0.197%)  
BCOR (0.198%)  
MYH11 (0.1856%)  
DNMT3A (0.2001%)  
PTPRC (0.1887%)  
NTRK1 (0.197%)  
SMAD4 (0.2021%)  
TPR (0.1897%)  
FBXW7 (0.198%)  
TSHR (0.17%)  
IL7R (0.1835%)  
JAK2 (0.1793%)  
ASXL1 (0.1545%)  
PDGFRB (0.1659%)  
DICER1 (0.1804%)  
TET2 (0.1845%)  
GNAS (0.17%)  
STAG2 (0.169%)  
FLT3 (0.1721%)  
NRAS (0.1804%)  
CDH11 (0.1576%)  
BCORL1 (0.1617%)  
UBR5 (0.1514%)  
RANBP2 (0.1565%)  
AKT1 (0.1514%)  
PTCH1 (0.1628%)  
KDM6A (0.1638%)  
IKZF1 (0.1534%)  
MYH9 (0.1493%)  
TBX3 (0.1524%)  
PRDM16 (0.1254%)  
AFF3 (0.141%)  
PBRM1 (0.1493%)  
RECQL4 (0.1368%)  
TERT (0.1534%)  
ATP2B3 (0.1462%)  
COL2A1 (0.1327%)  
KDM5C (0.1524%)  
JAK3 (0.1472%)  
SND1 (0.1254%)  
WT1 (0.1472%)  
FANCA (0.1441%)  
IRS4 (0.1296%)  
USP6 (0.1203%)  
SF3B1 (0.1431%)  
DROSHA (0.1265%)  
CUX1 (0.1192%)  
KDM5A (0.142%)  
BTK (0.1265%)  
NCOA2 (0.1317%)  
CACNA1D (0.1161%)  
TP63 (0.1327%)  
BRIP1 (0.1399%)  
ERBB3 (0.1358%)  
NIN (0.1306%)  
EBF1 (0.1244%)  
KAT6A (0.1296%)  
MAP3K1 (0.1265%)  
ITK (0.1265%)  
PTPRK (0.1234%)  
FGFR1 (0.1213%)  
ABL2 (0.1265%)  
ARHGAP35 (0.1254%)  
FCRL4 (0.1244%)  
JAK1 (0.112%)  
ESR1 (0.113%)  
WRN (0.1213%)  
FGFR4 (0.1223%)  
NUP214 (0.1244%)  
SMO (0.1244%)  
PALB2 (0.1223%)  
LATS1 (0.1223%)  
TSC1 (0.114%)  
ERCC5 (0.1203%)  
COL1A1 (0.1078%)  
HLA-A (0.0902%)  
GATA3 (0.1151%)  
CDK12 (0.1171%)  
FGFR2 (0.1192%)  
BCR (0.1016%)  
BCL11A (0.1109%)  
AFDN (0.1161%)  
ARHGEF12 (0.1088%)  
MAP3K13 (0.1088%)  
LATS2 (0.1161%)  
BCL11B (0.1109%)  
CIC (0.113%)  
ABL1 (0.112%)  
MYO5A (0.1109%)  
SDHA (0.1068%)  
MSH6 (0.1171%)  
POLD1 (0.1057%)  
HIP1 (0.1016%)  
NBN (0.1037%)  
BLM (0.1088%)  
LIFR (0.1078%)  
CIITA (0.1037%)  
TRIP11 (0.1088%)  
PAX5 (0.1068%)  
CBLB (0.1088%)  
MEN1 (0.1161%)  
CBL (0.1088%)  
CDC73 (0.1088%)  
NRG1 (0.1047%)  
KAT6B (0.1057%)  
LPP (0.0943%)  
PTPN13 (0.1068%)  
BARD1 (0.1078%)  
GAS7 (0.1006%)  
BCL9L (0.1047%)  
NUTM1 (0.0985%)  
NCOA1 (0.1006%)  
MECOM (0.0995%)  
RUNX1 (0.0954%)  
CLTCL1 (0.0881%)  
PPP2R1A (0.1016%)  
CLIP1 (0.0881%)  
NFATC2 (0.0974%)  
ETV6 (0.0819%)  
POT1 (0.0964%)  
MSH2 (0.0954%)  
TGFBR2 (0.0912%)  
HNF1A (0.0964%)  
RNF43 (0.0892%)  
BRD4 (0.0995%)  
KNL1 (0.0881%)  
MAP2K1 (0.0995%)  
AXIN2 (0.0964%)  
NF2 (0.0923%)  
NUMA1 (0.0912%)  
FANCD2 (0.0871%)  
PMS2 (0.0892%)  
P2RY8 (0.0881%)  
PCM1 (0.0819%)  
AXIN1 (0.086%)  
ETV1 (0.0923%)  
U2AF1 (0.0943%)  
NUP98 (0.0923%)  
CDH1 (0.0933%)  
PTPN11 (0.0943%)  
CSF3R (0.0912%)  
ERC1 (0.0829%)  
CHD4 (0.0881%)  
DCTN1 (0.0726%)  
CNTRL (0.0912%)  
BCL6 (0.084%)  
NSD2 (0.0871%)  
MAML2 (0.0777%)  
SYK (0.0705%)  
FGFR3 (0.0788%)  
PIK3R1 (0.0881%)  
SALL4 (0.085%)  
NSD3 (0.0809%)  
USP8 (0.086%)  
CBFA2T3 (0.0767%)  
IDH1 (0.085%)  
FOXP1 (0.0798%)  
ERCC2 (0.0829%)  
SLC34A2 (0.0819%)  
GATA2 (0.085%)  
GPHN (0.0705%)  
RSPO2 (0.0726%)  
EXT2 (0.0819%)  
PML (0.0819%)  
ERCC4 (0.0829%)  
MLLT10 (0.0819%)  
FLI1 (0.0819%)  
AFF1 (0.0715%)  
LZTR1 (0.0798%)  
IKBKB (0.0612%)  
RAD21 (0.0829%)  
PER1 (0.0777%)  
IL21R (0.0819%)  
PIK3CB (0.0819%)  
IRF4 (0.0788%)  
MN1 (0.0777%)  
AKT2 (0.0746%)  
MLLT3 (0.0746%)  
KTN1 (0.0798%)  
PRDM1 (0.0767%)  
RAD51B (0.0736%)  
STIL (0.0788%)  
CLTC (0.0715%)  
PAX3 (0.0767%)  
PBX1 (0.0757%)  
TNFAIP3 (0.0757%)  
TRIM24 (0.0757%)  
MUTYH (0.0736%)  
BAP1 (0.0757%)  
CASP8 (0.0726%)  
FH (0.0767%)  
MPL (0.0736%)  
NKX2-1 (0.0695%)  
PPFIBP1 (0.0695%)  
LRIG3 (0.0736%)  
STRN (0.0705%)  
MSN (0.0674%)  
EZH2 (0.0715%)  
GPC3 (0.0726%)  
B2M (0.0684%)  
MYB (0.0726%)  
DAXX (0.0684%)  
CYLD (0.0653%)  
ZBTB16 (0.0705%)  
MLH1 (0.0684%)  
AFF4 (0.0663%)  
TOP1 (0.0663%)  
PHOX2B (0.0715%)  
EXT1 (0.0591%)  
PAX7 (0.0622%)  
ERCC3 (0.0705%)  
TCF7L2 (0.0674%)  
MYCN (0.0684%)  
TCF3 (0.0674%)  
ERG (0.0632%)  
RAF1 (0.0653%)  
RARA (0.0653%)  
GATA1 (0.0622%)  
CCNE1 (0.0632%)  
TRIM33 (0.0643%)  
MALT1 (0.0663%)  
FCGR2B (0.0643%)  
ATIC (0.0601%)  
MRTFA (0.0591%)  
MAP2K4 (0.0632%)  
XPO1 (0.0601%)  
CTCF (0.0622%)  
RAP1GDS1 (0.0581%)  
DDX3X (0.0591%)  
CRLF2 (0.0612%)  
BCL9 (0.0643%)  
MYOD1 (0.0663%)  
XPC (0.057%)  
TRAF7 (0.0612%)  
FIP1L1 (0.0632%)  
REL (0.0622%)  
CARS (0.0581%)  
STAT3 (0.0632%)  
FUBP1 (0.0612%)  
DDX10 (0.0581%)  
QKI (0.0591%)  
RBM15 (0.0601%)  
MITF (0.0581%)  
SUFU (0.0601%)  
FLCN (0.0622%)  
WAS (0.0518%)  
TCF12 (0.0549%)  
FOXO1 (0.056%)  
EWSR1 (0.057%)  
CREB3L2 (0.057%)  
FANCC (0.0581%)  
KCNJ5 (0.0581%)  
DNM2 (0.0529%)  
TBL1XR1 (0.0539%)  
PICALM (0.0529%)  
TAL1 (0.0591%)  
FOXL2 (0.057%)  
NR4A3 (0.0581%)  
MAX (0.0549%)  
ACVR1B (0.0539%)  
EIF4A2 (0.0581%)  
CCND2 (0.0539%)  
PRF1 (0.057%)  
ELF4 (0.0487%)  
MDM4 (0.0539%)  
SMAD2 (0.057%)  
ARHGAP26 (0.0477%)  
PRRX1 (0.0508%)  
LEF1 (0.0539%)  
ZNF331 (0.0549%)  
FBXO11 (0.0518%)  
BUB1B (0.0508%)  
ZMYM2 (0.0477%)  
LCK (0.0518%)  
HIST1H3B (0.0549%)  
PAX8 (0.0446%)  
PLCG1 (0.0508%)  
SRC (0.0529%)  
SUZ12 (0.0508%)  
TENT5C (0.0466%)  
EPS15 (0.0498%)  
SMARCB1 (0.0466%)  
KLK2 (0.0518%)  
BMPR1A (0.0518%)  
SSX1 (0.0404%)  
SFRP4 (0.0477%)  
HRAS (0.0518%)  
EPAS1 (0.0477%)  
RSPO3 (0.0466%)  
FHIT (0.029%)  
GNAQ (0.0466%)  
PSIP1 (0.0446%)  
CXCR4 (0.0487%)  
FOXA1 (0.0487%)  
ACVR1 (0.0456%)  
MYC (0.0487%)  
CRTC3 (0.0394%)  
WIF1 (0.0466%)  
ETV5 (0.0477%)  
SMAD3 (0.0477%)  
GOLGA5 (0.0466%)  
IDH2 (0.0342%)  
ELL (0.0404%)  
TMPRSS2 (0.0446%)  
BRD3 (0.0446%)  
NDRG1 (0.0466%)  
SS18L1 (0.0446%)  
STAT6 (0.0477%)  
FOXO3 (0.0415%)  
GNA11 (0.0425%)  
RPL5 (0.0425%)  
ASPSCR1 (0.0415%)  
ARNT (0.0425%)  
IKZF3 (0.0446%)  
HSP90AB1 (0.0435%)  
FOXO4 (0.0456%)  
MDM2 (0.0456%)  
PPM1D (0.0456%)  
SRSF2 (0.0435%)  
HOOK3 (0.0446%)  
CNOT3 (0.0446%)  
TFE3 (0.0415%)  
BIRC3 (0.0415%)  
FANCG (0.0415%)  
SLC45A3 (0.0435%)  
EIF3E (0.0425%)  
ETNK1 (0.0394%)  
HOXA9 (0.0404%)  
CDK6 (0.0373%)  
FUS (0.0404%)  
PLAG1 (0.0415%)  
ATP1A1 (0.0384%)  
CDX2 (0.0404%)  
HSP90AA1 (0.0404%)  
STAT5B (0.0425%)  
HOXD13 (0.0415%)  
EZR (0.0384%)  
ACVR2A (0.0415%)  
HNRNPA2B1 (0.0404%)  
CCND1 (0.0373%)  
KIF5B (0.0394%)  
CRTC1 (0.0404%)  
CD79B (0.0394%)  
SS18 (0.0384%)  
ACKR3 (0.0363%)  
WWTR1 (0.0332%)  
HOXA13 (0.0363%)  
NFIB (0.0342%)  
SDHC (0.0363%)  
CDKN1B (0.0363%)  
MAP2K2 (0.0363%)  
TFEB (0.0342%)  
TNFRSF14 (0.0363%)  
SPOP (0.0373%)  
SH2B3 (0.0363%)  
BCL2 (0.0342%)  
HIF1A (0.0373%)  
PPARG (0.0373%)  
CREB3L1 (0.0342%)  
NPM1 (0.0352%)  
MSI2 (0.0332%)  
VHL (0.0352%)  
FANCF (0.0373%)  
JUN (0.0352%)  
HOXA11 (0.0352%)  
HOXC11 (0.0352%)  
PRKAR1A (0.0363%)  
NONO (0.0342%)  
FGFR1OP (0.0311%)  
POU2AF1 (0.0321%)  
NT5C2 (0.0342%)  
ZNF384 (0.0321%)  
DNAJB1 (0.0311%)  
PATZ1 (0.0352%)  
CEBPA (0.0311%)  
KLF4 (0.0342%)  
ZRSR2 (0.029%)  
MAF (0.0321%)  
GOPC (0.0342%)  
HEY1 (0.0311%)  
TRIM27 (0.0342%)  
TLX3 (0.0321%)  
LMO1 (0.0249%)  
LMNA (0.0311%)  
NAB2 (0.0321%)  
PRCC (0.029%)  
CDK4 (0.0332%)  
SDHB (0.0311%)  
MUC1 (0.0311%)  
NFKB2 (0.0332%)  
MYCL (0.0311%)  
LASP1 (0.029%)  
DDB2 (0.0311%)  
RHOA (0.0311%)  
TCL1A (0.029%)  
ABI1 (0.0301%)  
TFG (0.0311%)  
RPN1 (0.029%)  
HOXD11 (0.0249%)  
RHOH (0.0311%)  
TPM3 (0.0301%)  
FANCE (0.027%)  
HMGA2 (0.028%)  
FES (0.029%)  
ACSL3 (0.029%)  
CBLC (0.028%)  
RPL10 (0.028%)  
FAS (0.029%)  
MLLT1 (0.0259%)  
MAPK1 (0.028%)  
MLF1 (0.029%)  
DDX5 (0.029%)  
SFPQ (0.027%)  
BCL10 (0.028%)  
SOX2 (0.027%)  
CALR (0.0249%)  
RAC1 (0.027%)  
OLIG2 (0.027%)  
TLX1 (0.0259%)  
WDCP (0.0249%)  
HLF (0.0259%)  
PIM1 (0.0238%)  
DEK (0.0218%)  
PDCD1LG2 (0.0259%)  
SH3GL1 (0.0249%)  
DDX6 (0.0249%)  
NFKBIE (0.0228%)  
HOXC13 (0.0228%)  
MYD88 (0.0228%)  
POU5F1 (0.0207%)  
LMO2 (0.0207%)  
CCNB1IP1 (0.0238%)  
PPP6C (0.0228%)  
SIX1 (0.0228%)  
PRKACA (0.0228%)  
CCDC6 (0.0218%)  
IL2 (0.0218%)  
SMARCE1 (0.0207%)  
APOBEC3B (0.0228%)  
ELK4 (0.0207%)  
ETV4 (0.0218%)  
CCND3 (0.0228%)  
RABEP1 (0.0218%)  
TMEM127 (0.0207%)  
BCL7A (0.0218%)  
PHF6 (0.0207%)  
SDHD (0.0218%)  
PDGFB (0.0218%)  
BAX (0.0218%)  
CBFB (0.0207%)  
BCL3 (0.0207%)  
CD274 (0.0207%)  
KDSR (0.0207%)  
CDKN2C (0.0207%)  
SDHAF2 (0.0197%)  
SBDS (0.0187%)  
TPM4 (0.0176%)  
KLF6 (0.0187%)  
IL6ST (0.0187%)  
NUTM2D (0.0187%)  
SDC4 (0.0176%)  
CREB1 (0.0155%)  
MAFB (0.0176%)  
CANT1 (0.0166%)  
PAFAH1B2 (0.0155%)  
HIST1H4I (0.0135%)  
H3F3B (0.0155%)  
TCEA1 (0.0155%)  
TAL2 (0.0155%)  
FSTL3 (0.0145%)  
SET (0.0145%)  
CD79A (0.0145%)  
NUTM2B (0.0135%)  
ATF1 (0.0114%)  
SOCS1 (0.0114%)  
HERPUD1 (0.0124%)  
TNFRSF17 (0.0114%)  
YWHAE (0.0124%)  
MTCP1 (0.0124%)  
BTG1 (0.0124%)  
SRSF3 (0.0093%)  
CD74 (0.0114%)  
RPL22 (0.0104%)  
SSX2 (0.0093%)  
XPA (0.0114%)  
CNBP (0.0104%)  
DDIT3 (0.0104%)  
H3F3A (0.0104%)  
CHCHD7 (0.0104%)  
PTK6 (0.0093%)  
LYL1 (0.0104%)  
FEV (0.0083%)  
MLLT11 (0.0073%)  
SSX4 (0.0031%)  
RMI2 (0.0021%)