Lung norm. expression Age Age 20-29 ROS1 15 MMP1 30 - 39F11 50-59 PLA2G4F **PSCA** 60-69 10 PRM2 CSF2 LAMP3 TRAM1L1 LINC00885 5 EGFL6 TNP1 FAM131C HSPA1A 0 CCER2 LINC01186 LINC02042 TIGD4 **ZNF157** SERPINA6 CYP2J2 UGT2B10 IRX2 SLC5A5 **GPR156** DNAJB1 **IVL** RXRG ASIC4 TRIL DISP3 **MYZAP** VSX1 IRX3 TMPRSS2 ACTC1 SLC22A31 TTC30B DSCC1 MAP10 HAR1B RIMS2 TP53INP1 PRODH2 HSF2BP **GPAM** NKX1-2 GPR87 PTCD2 FAM161B TRPV4 SDCBP2 SPDL1 LIPH ANK3 PRR22 SYTL3 NOL4L SUSD4 RAB25 N4BP3 TSSK3 CHST10 C7orf65 **ZNF287 MTBP** TMEM229B EFCAB11 C3orf14 C3orf18 PPM1J TRAIP LIN52 THAP8 ATP13A3 NUFIP1 GPT2 ZNF425 ZNF786 **TFEC** SAAL1 ZNF502 EPHA5-AS1 LSMEM1 B3GALT6 BSN C3orf35 SERPINA7 **GRPEL2** RBM34 SAMD4A PDE8A MON1A TRAF6 TMEM25 BCAS2 SMC2 SLFN5 NUFIP2 GINS3 UBR4 DCLRE1A **HYPK** DHFR2 CCDC43 KIF18A ZSWIM4 CENPBD1 MRM2 ALKBH8 C22orf46 MRPS11 DIS3L RBBP5 NDUFS2 ITFG2 TAF1D ZFP36L2 SPRY2 BAIAP2L1 ZNF696 EZH2 ZFC3H1 **EMSY** CASP10 C3orf33 BBC3 THEM4 RALGAPA2 ZNF583 EXO5 NCAPG2 TTC8 FDXACB1 PPP1R8 PCMTD2 COX20 WASHC5 TRUB1 SOCS4 RHOQ ZNF554 TUBGCP5 SNORA8 TRUB2 **PHAX** UBA6 SAC3D1 SLC12A7 YIPF5 IFT46 **ZNF516** TRAFD1 COMMD8 WRAP53 MRPL1 RPUSD1 FAM110A AP5S1 BRCA1 **ZNF396** DNAJC30 DDIT3 ZNF362 SPAST **TMEM223** LRRC27 LINC01184 DTD1 RAD17 ZNF75A SLC22A17 CCDC127 ARHGAP31 **RABEPK** PRR5 HIRIP3 UBE3D SMARCAL1 ATMIN CSTF2 DGKA **RPIA** RFX3 PCBD2 **DTYMK** ZBTB8A PELI3 DIDO1 VPS33A TACO1 HNRNPDL ORC3 PIP5K1A POP7 RNF213 SLC4A1AP SH3RF1 **IMPACT FAAH** CCDC106 PRPF18 MRPS17 ANKRD46 **PCNA** EBAG9 TMEM260 ELP6 MKL₁ PRADC1 TTPAL **UBTF** PAK1IP1 LGALS8 KCTD18 MRPL27 TXNRD1 **FUS** CPT2 ALKBH4 PLEKHA8 PIGC C1orf50 ZNF16 SCAF4 ZNF777 DTD2 ELP3 ZNF195 CCDC88C C12orf43 NIF3L1 MAFG RNF168 CDKN2AIPNL MDP1 C12orf4 C19orf47 UPF3A KLHL12 **EXOG** ALG1 TBK1 **GOLGA5** MRPL32 ORC5 EDRF1 POLD1 **FXN** PHF8 TMEM201 SNX15 ZKSCAN2 SLF2 LINC01180 EHMT2 TMEM62 TARS2 CINP TIMM21 TBC1D15 ZNF428 GPATCH1 COG6 ACBD6 ANAPC5 LEO1 ZC3HC1 SUOX C17orf75 NABP2 SNX11 CXorf56 KIF16B PSMG3 ARHGEF7 TADA2A COPS7A FIZ1 ARMC1 RTTN RASA2 PRMT3 ZMYM2 **DROSHA** ZNF24 PCNX4 ARV1 PAAF1 **MECR** BAZ2A RNF20 ZNF611 TTLL4 COA3 PRPSAP2 RITA1 INTS14 SUGP1 HDHD2 TMEM87B DNAJC19 TRAPPC13 DDHD2 DDX55 EIF2AK4 KPNA6 COX18 SLX4 PIGB CLUAP1 NUDT21 PRDM10 MED28 ERAL1 TTC1 MTIF2 RFT1 CFAP36 BAHD1 R3HCC1 TRPC4AP POLR3E CELF1 **OARD1** NOL11 DDX18 **GART** RBM19 MED29 ZBTB34 TMEM203 TSN MRPL57 TSR3 **TMEM128** YTHDF2 METTL15 YTHDF1 **MCAT** COG7 TRAPPC6B **TMEM199** FUBP1 TMEM222 ZBTB45 ZC3H4 DRAM2 CLINT1 BRAP MRPL58 LCMT1 RPA2 NONO COMMD5 PKNOX1 ZNF136 CHAF1A PIAS4 LARP4 OXLD1 TBC1D22B ZMAT5 HIF1AN TAF9B SFPQ GPN1 DDX39A RPAP1 PTAR1 MUL1 CDC123 WDR26 **ERMARD** TMEM184C TMF1 SNX1 MCRS1 POLR2G ZNF511 SNRPC C18orf21 MIB1 TRIM13 GAPVD1 TADA3 SNRPB2 USP42 ACTR10 TOMM22 PHF6 EPM2AIP1 EIF2S2 CRYZL1 LEMD2 TMEM39B MPI DR1 STRN4 UTP23 FΗ **ITCH** FAM193A TBC1D9B SDHAF2 RPP30 RAB1A DCAF5 TERF2 **CREBZF** MRPS9 VIPAS39 LMBRD1 SEC22B SENP2 UBE2Q1 PSMD11 ZNF142 GPS1 DRG1 MEA1 EFR3A POP4 SCAF8 TSG101 HMGN1 CASTOR1 RAVER2 FBXO47 KCNK7