Table S2 Differentially expressed mRNAs in LSCC.

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| --- | --- |
| **Differentially expressed mRNAs that are up regulated in LSCC** | **Differentially expressed mRNAs that are down regulated in LSCC** |
| PIPSTATHBPIFB1C6orf58CRISP2MYOCPRR4SCGB3A1DMBT1CRISP3PRB2PRH2ART4PIGRGP2PRB1FAM3DZG16BOGNCLCA4PRB4C2orf40CLDN10AGR3TCN1MSMBSCGB2A1CYP4B1AQP5TFF3EDN3KRT4FMO2LTFPLA2G2APLP1CAPN14TMPRSS11BCRNNMALCXCL17GREM2CHST9CDH19PRB3LPOFAM3BLYZTFF1ATP1A2SH3BGRL2TSPAN8LDLRAD1AZGP1ATP6V0A4GABRPC21orf81APODPSCACILPANGPTL1CEACAM5C21orf15BPIFB2C16orf89SSC5DCCL14OXGR1MIASCGB1D1SCINMS4A8BVITPRR15LANGPTL7FAM55BPADI1SCRG1IGF1SCGB3A2TMEM132CLOC100652774TMEM213ABCA8BCAS1ANKRD20A8PSORBS2HMGCS2KRT13C2orf54WFDC2NME5PI16KRT78BAI3IL33GSTA1RGS22PTGISCHRDL1GCNT3ANKRD20A9PSCN7AHPGDC10orf81TFPPP1R1BCLEC3BMOGAT1FAM107AADH1AMYRIPTMC5NBEASPINK5PLAC8ST6GALNAC1NPY1RSCELCRYMPTGDSERBB4GGTA1PCYP4X1MUC5BCEACAM6PROM1GSTA5CGNL1ADH7MMRN1AGR2FRMD1MLPHPPP1R9APEG3-AS1CACNB4LOC389791WISP2MUC7TJP3GDF10PPP1R3CRBM20FOLR1CYP4Z1TMEM100GPR110ATP12AVSIG2CFTRANKRD20A5PSNX31RSPO1SRPXC16orf78AMPD1LYVE1ABI3BPABCA9SFRP2ARAOX1IGJFUT7FOXA1GALNTL1NRG2FAM150BGPR133LRRC31LOC100505938FUT3CEACAM7LGI1LOC389023ABCA6UPK1AC1QTNF7LOC100506758NR3C2LONRF2PDK4DESSEMA3ESLC27A6ADH4MAMDC2IGSF10FUT5ANKRD20A2CYP3A4BTCSRD5A2DLK1PART1TFAP2BENPP3PLCXD3SH2D1BLINC00261PDE6AADH1CC4orf19CPC7FCER1ASLC44A4SERPINB11LAMB4CYP3A7CLUPRG4CYP2J2CKMT2SELENBP1CDO1ACOX2MEOX2VSX1SMR3BGJC3SOD3KLK12KIAA1324TSPAN12NDRG2COL14A1NCRNA00185RNASE4C6orf124LOC100507311RELNAMOTGPX3GPR64HPMGPAQP3CXCL12MUC16FRZBCFDSYTL5PLAC9BPIFB6SLC5A8C5orf4CTSGNDNFRIC3ODAMS100A1SYT8ITLN1RGNFAM189A2FLJ13197KRT222SFTA2LCN2SLC44A3CTTNBP2OMDMYO5CSPDEFSCARA5PRSS36SNED1SFRP1GNA14DAGLAANXA9HCG22CH25HMFAP4MYZAPCCL19RSPH1IL17DEYA2CCL23ZNF415MYOTXKR4SLURP1CRTAC1HPRNUCB2CHST6CYTL1CYP2B6TTYH1CYP2C9SCNN1AZNF818PGFAPEYA1CAPN6EHFCFHR3NOSTRINSLC4A4S100PUGT2B7KLHDC8AGSTA2ZNF285CFHSDPRC13orf33RNF183LEPRIL27PZPTMPRSS2CEACAM1FCGBPPRELPKCNJ16RARRES1GSTA3LOC572558KCNB1AADACADRA2ATIMP4CA3HCAR1PRSS27DYNLRB2AIF1LVSIG10LF13A1MUC20GFRA1CCL28SNTG2PTPRN2JAM2RSPO3LOC100289255TMPRSS5DNALI1NKX3-1ACADLCD200R1GALNT12PEBP4MANSC1SPAG8C9orf128EPS8L1PHYHIPZNF300P1FXYD1CCDC64BCLDN8CAB39LZMAT1DHRS9ANKRD35MFSD6LMUC1PEG3MAB21L2LYPD2SORCS1TTC9DLG2UPK3BFAM174BSLITRK6EMCNPAX9FGF7GJB1LIPHLOC100128252DEPTORALDH3A1GALNT5MYH11FGF10ROPN1BLOC440335PODNF10KBTBD11PTNITM2AC15orf62LOC100128164MAMSTRSOX10MACC1LOC285141KLK11SHISA3SCGB1A1ENDOUKRBOX1LRMPSMPXSLIT2ASPASLITRK5HLFCEACAM3ANGF5KIAA2022KLF15SPATA18RRAGDP2RY14LOC100507049C1orf168NAAASYTL4DARCLMO7ZNF829SCGB1D2DDIT4LSERPINI2TRNP1TLE2ACTG2PSG5TOX3GULP1FAM47EPCP4L1PLEKHA6ROPN1SHISA6CYP2F1KBTBD10SIDT1CLUL1LMO3LOC100507165GUCA2BARHGAP6LOC643037FKSG2DCLK1NTN4CAPN9COX7A1PMP2TMEM45BTMEM178GLYATL2WNK4EBF1SLC26A2FA2HHTR1EKITPTX3SP5C2orf55GDPD3CYP1B1SASH1ALDH1A1FUT6CRLF1CA8AGFG2PLEKHB1SPAG17BEX4AMY1CPAIP2BIL1R2CCDC110NSUN7TTNACCN1ZBTB16TMEM61LOC100506689C7orf46ZNF471PKHD1L1CLIC6SPARCL1PHYHD1KAT2BLOC100506542IL12AWDR49SYBUPPLTMEM125PRKAA2CCL21C8orf84ZNF540PPP1R36PPARGATP13A4COBLIKZF2GNEFAM55DZFR2CHL1ACPPSTK39CNTFRSAMD5ZSCAN18FLJ37644PIK3C2GTESCMETTL7ANKX6-2KRT15FAM13CC1orf173DPCR1PDGFRLHS3ST1DLEC1ZNF208NME9PGM5IL20RAZNF682CLGNEMP1ARMC3LOC644192HOXA2FLJ38379BOCTNNI2SRPX2MUC15MORN5LINC00478B3GNT6TSGA10S100BSVOPLSLPISYNPO2PTPRTBHMT2FAM63ARAB17COLEC12PPM1LPLNPDZRN4GPD1LENPP5AQP1LMO2ZNF667SAA3PZFP28RAB40ALIL36APRDM16DMGDHADARB2C18orf26TTC18GLYATL1RCAN2ANKRD37CYP2C18CAPSBARX2AOC3SMAD9AKAP12SLC16A7MEIS1ZNF528TSPAN19GPIHBP1ID4MGLLANO5LOC400891FAM149AZNF880SPNS2IGFBP5BMP3HNMTCXXC4FGF14CD24ART3FREM1ADAMTS5SPAG16MUC13MT1JPTPPP2LOC100507632LOC283143B3GNT3PACRGICA1SERPINB3TMEM220ECM1TAC4GNG4CCDC37C8orf47CMAHPBLNKLNX1CSN3PIP5K1BELF3PDE1AKIAA1244KCNE3C1orf114ZNF649ARMC2PCOLCE2MAGI2-AS3VSIG4C15orf48ZNF347MYO1AMYOZ1PPARGC1ADDAH1ASXL3LRRC4CFAM198AOR2A7TNFRSF17SYT13AQP7P1OR7A17CPLX3FNDC5TIMP3LXNC2orf77SLC35C1DIO2BCKDHBC3orf15CYP4F3LOC100506795SPATA6C3LIFRPDZRN3LOC285943AGERPDE2ADMRT3FAM153BKRT19P2CAPN8ATOH8PPAP2BADAMTS9-AS2DEFB1NLGN1MFSD4SERPINB13SORT1MUC22SCNN1BABLIM3TMEM71MEIS2CDH26SHROOM3MAP6C15orf52UBQLNLSVIPKIAA0894GMDSUBXN10USP54ZNF577IQCDGPT2ZNF385DTTTY15NR2F1CDH22RORCRNF150SERPINB1C1orf87CCDC80ELF5C9orf24PDE8BCA13LOC728763SLC7A4SSTR1ZNF671EXPH5NR2F2AKD1ATP7BRHOJFUT2EMX2OSTP53I3TTC21ABEND5LAMA2RGS17FNDC4GNG11CLDN7TMEM139TSPYL5ESRRGMYH13SPEF2LOC100132790SPON1SMR3AATP2A3TMEM229ALOC283481NFIACOL4A4RUNX1T1SCN2BARHGAP20CHPT1LOC100131176SLC5A1KIAA1377CHADLPCDH9SLAIN1TSPAN1CD302ZFP2KRT32ENPP4LRRC10BSLC34A2FP588ADAD2SLC37A1CYP2C19SMOC2LOC100506388PTK6ZNF608SERP2SCGB2A2TSPAN6RBP4PLCB4SYNE1EPHX2FMO9PRASEFNPDC1UBL3GCHFRRAI2MIR100HGALDH1L1SERPINB4MUSTN1MGC24103LOC100506965KIAA1456RASAL1LOC100134091ZNF568FBLN5C9orf135DHRS3FAM184ACCR2TCEA3STXBP6TXLNG2PC5orf27AQP7FAAH2MSLNCD34SLC46A2SORBS1SLC12A2CNN1C7orf58CLEC4GCPEB3VILLKLRB1NEIL1ZNF542GAS7ZNF404ACHEARMCX2LOC100131581C6FMN1ZNF83SATB1LOC284244NFIBRBP7SLC13A4ZNF135GPRASP1LOC145837EDARTCF21CASC1GALNT7EFCAB4ACPEB1MUC3CPEZNF717VWDEROPN1LDPTCHRNA7SLC35F1NR4A2ARHGEF10LKLHDC9ZBTB20CFICRYL1DUSP26SULT2B1STK33DOPEY2CGREF1AGTLRRK2LOC100652791RORBACSM1C1orf88CAPS2C1orf116NFIXPKIBC18orf34MECOMA2ML1DCDC5ADAM28LIMCH1TC2NRAB37WDR69RBPMSFOXC1C3orf14CXCR2BDH2HMCN1TNXBNTRK3KLRF1A2MC11orf92ISM1KIRREL3TMTC2CPN2STAB2LOC100507486ZNF610EPB41L4ACX3CR1TCEAL2ZNF43PTCHD1HOXB2LRG1OR7E14PC9orf174EPS8L2TNFRSF11ALOC389033TFCP2L1KCNQ1PRSS22SAMD13ADAMTSL3ZNF728DIRC1C1QTNF3DNAH12FAM107BSEPP1RHBGALDH6A1TRPV6HOTAIRM1C17orf97LOC283278SOBPZNF423HTR2BNANOGCTNND2ZNF345ZNF229STEAP4TNNT3LRIG1FBP1KCNAB1C5orf46FHL1MOXD1RNF125PRKAR2BLOC100507372CCDC125OLFML1CYSLTR1HS3ST2HEPACAM2SLITRK4NUDT12UTYADCY6ZNF433GRAMD3NYXCIDEAZNF91GIMAP7ACOX3TMC4ZNF429CBR3LRRC37A4LOC100506123TGFBR3IPWLHFPPIK3R1DMRTA1GPRC5BZNF185ADH1BGPTMEIS3P1USP9YNEGR1RGS7BPNR2E3SCGNDNASE1L3CTGFME3RNF180ZNF214MPP7ABLIM1ALDH7A1MAPTRPS6KA6FIGNCD1CPPP1R42MLIPGIMAP1LOC100131138EPHA10TRIM2CNRIP1KLF8ZNF521LOC100507008ITPR2KCNK15PDCD4C19orf18NNATSCML4PENKGTF2IRD2SV2BZNF736RBM47ANKARTMEFF2TLR5NDNLOC339524SSBP2SERPINB6KCNN4LOC388630TFPIGNG7ZNF573ZNF726ARSFZNF350RARBC17orf110RGS11ASAP3STAC2FLT3OLFML3NEBLMALLLOC100289090MAN1C1LOC100292909HSPB8CYP3A5DOCK3VPS25BEX5LOC100509121MMEL1SLC16A9PID1CBX7ZNF701TPOFMO5CADM1KRT23ZMYND12EFHA2SHC2FIBINALDH9A1SHC4FYCO1DNAH7BSPRYQSOX1LDHDSMPD3CMA1GPRC5DTENC1TCEAL7ADHFE1ZNF737ARHGEF26-AS1SELPZC4H2ZC3H6ZNF329C8orf8TM7SF2RUNDC3BLOC100507387MUC5ACPRRT3SLC13A3MIR600HGTNFRSF10CANKRD42EPB41L3ACTA2ETV1SNRPNLOC100128420LOC219731ZNF675CYP2E1FOXP1ABCB1MYCT1ZNF99SVEP1LINC00312ABCA10MATN1GIMAP8ARL6IP5CCDC85ANYNRINC10orf90B3GALT4MGST2UNC80DIO3OSSERPINA5GATMKATNAL2GALNTL2BNC2CCDC42BZNF479ADCY2KRTAP4-2PLS1BZRAP1APIPGPR27MCF2LZNF626RASGRP2LOC100509780CA4FAM19A2LRRC17FLJ36848TSHZ2ZNF831SLC40A1C5orf20FCHO2ZNF729FAM162BMUC4WWC1F3SNCASLIT3PLIN5LOC100132815KIAA1683SPRY2PCCAUG0898H09TRIM6CELF2TMEM170BSAMD10MEF2BNB-MEF2BVASNKLBABCA5SEMA3ATP53INP2CLIC5LOC728537LOC100505806SNURFTTTY14SCN3AMACROD2PAK3CASTZNF676RERGHSPB2SGCEKIAA1370LOC643733TIMP2LOC400456CLDN23CYB5AZNF730ZNF85LILRB4IL17RDGRAMD1CNRN1ANXA3HMGN5C7orf41NOXA1CIRBPTEKT4P2ZNF716ALDH3B1GIMAP5GLRBSLCO2B1SMAGPCGNC15orf34LRRC6POLR2J2ERN2RMND5BPLEKHA7KLHDC1C12orf26EFEMP1IGIPHRCT1CST5TMEM129RALGAPA2KIAA0232SYTL2CXCR2P1PDGFDSPINK7CDNFIQGAP2ZNF132HOXB3ZFP82VAV3GPRASP2CLEC10AECHDC2IGSF22LOC641467FBXL16ZNF536LOC730102KRTAP5-8ZNF595RBMS3ZNF425C21orf88KLK3C22orf15FMODZNF426SLC16A6KLAMICA1LOC90499EHD3CCDC108C16orf7PIM1ALOX15EPHA3CORINTRPC1DDR2KIAA1737ST6GALNAC3C4orf3PRUNE2DAAM2CDR1GSNLOC100507309C14orf45GOLGA6CRNASE6RIIAD1LOC283701PPP1R32C9orf95ZNF439ZBED3ECSCRATP10BTRILHOXA4KIAA0485TMEM232PRINSLINC00341SEC31BMEF2CLOC100506428HTR3BPYGMTNFSF12SERPINF1TECPR1BCL2ZNF583LOC100507043GKAP1WBSCR17BAIAP3ANXA11OCLNGPR126DENND2AKBTBD3HIPK2TPCN1UPK3AACCSC6orf132SHEFAM150APTGER3CYP1A1TNFRSF13BST3GAL6TNFRSF14BHLHE22COL4A3FAM172AZNF486LCA5LTDRD10TMOD1PABPC1L2BCITED2DOK7CAND2LOC100132330ZNF117ZNF738PRPH2CPPED1BACE2SECISBP2LDPYSSLC6A4EVPLKRCC1LOC100129113SERTAD4MYH8O3FAR1KIF13BLOC154822ANK2BAZ2BADCY4BRP44LSLC1A1KLHL3CREB3L4IL16ELNBMXACSS3FBN1SYNGR1CCDC68ZNF732LOC389199RADILC9orf103GRID1DUOX1LECT1HAND2CYB561D1SERPING1ABATCLMNLOC100507131RPS6KA2CCDC96SEC11CEFCAB4BPCM1DMWDKCTD6SMARCA2UPRTVGLL3FRYCPXM2LPAR6PPP1R12BLOC100507780SLC39A8TXNIPPPP1R1ATMEM63ASGSM1LOC400043C2orf67FAM131CSLC35A3RANBP9JAM3WNT5BPPFIBP2LGI4DUSP5GSTM5LDB2CRNDEFAM27LC6orf123RGMASPAG11BTOB1C11orf16ANO8CADPS2PBX1TTC22MYO5BTRAF3IP3SH2D4AKAZALD1ADORA1HIST1H3JGALNT4GOLGA4ZNF254PLEKHN1TCP11L2PHACTR2LOC100506898CTAGE10PL1TD1ARHGAP18CTSFFLI1FOLR2NXPH3CFPASGR2LMCD1CMTM8TMEM132BMANEALC6orf192SH3YL1GOLPH3LFBXL19DACH1PARP4CLEC4MSPRY1EFNA5TMEM40ERVH-3CRIP1CLINT1HDHD2CCDC148LPAR1LOC100507053 | DPP9ORM1OLFML2AIL1RAPSLC5A4PSME4LOC100130920HIST1H2AMCCT6ASGK1DDX39ASFXN1TREML2AP1S1HTR7ZNF286ASGIP1GPR172AFEM1BZBTB20-AS1NT5DC3GPR84HIST1H3FCDK4C9orf21TXNRD1TGFASTC1KLF11ZNF484TNFPRAP1CTSEHOXD8GMNNSYCE3HCKAHSPDEGS1PCNASEPX1HIST2H2ABPAFAH1B3PMLTTC7BCDH15MCAMITGAVLOC341056HIST2H2BEKRTAP13-2GPR63CHST7HIST1H2BIPARVBHBE1DDX58TMEM206RACGAP1SLC5A3MYO7BZP3CCT5LRRC8CUAP1L1C1orf124UBAC2-AS1LILRA3HSPH1WARSC6orf228ATP2B1TNFRSF4C10orf35XPO5IL27RAPLEKHG2LAG3F2RL1CDR2LSTK32CRANGAP1HCP5DDX60LRFC5CASKMMP15COL5A1CCDC86USP28HIST1H4GICOSC12orf70HTRA4NKX2-1FAM176ARGS16ABCC4AARSD1FLVCR1VMA21CENPPLUMCLPBCORO1CSNRPBHIST1H4APOLD1LOC100130776MUSKNKAIN1PSMB2LINC00346FLVCR2MRPS17FLJ30403CENPQPTK7RSRC1ELOVL3TNFRSF8SPATS2ATP1B3BORAITLN2NOP2CAV2SLC11A1PMAIP1PGPEP1LSH2D5ATP13A3CBX3CCDC138DLEU2NDE1IFI35UPP1HIST1H2BCLILRA2SCDARHGAP22HIST1H2BMLGALS8-AS1TIGD3MCM6SAC3D1QSOX2MMDMRPL36NCS1HIST1H2BNNAA25HIST1H2BDIFITM1CEP97SOCS4RNASEH2AWDR67ARNTL2COL4A5TLR2CDKN1ADBF4BC4orf26GJB4SOCS3TIGITCOPZ2KCNK13APOL1SLC39A14C1orf112FAM69AXRCC6BP1CENPWNPLAQP11LOC440900PNPLA1THOC5RFWD3TP73TRIM59LAMA1TMEM158DNAJC6PFKFB4SLC18A3CCNE2OR1N2KCNJ12SLC6A9CDH24MCM8ATP6V1C1MICALL1MRPL47IFI30C1orf186ODZ3DSG2FKBP9LSCO2TAF5TMCO2METTL7BEGFL6TRMT6MYH10LOC100506870CCDC77CCNB2OLFM2FLAD1CXorf57KNTC1MAD1L1LOC100506831SLED1EMR2RAB42HIST1H2ADLOC646719ABCA1PHF15PLOD1C8orf42DVL3DUSP2CD300EPARP12MINPP1RHEBL1FSD1LTRMUFCGR3AGALNTL4DPP4ADASNAPC1FZD2NEURLSTK3TSPAN15NPC1GLT25D1UNGPRIM1PARP14CXCR1RFC2C3orf52CDK6SLCO1B1HIST2H2BCCHRM3KIAA0895P2RY6CTLA4ZC3H12AC12orf5DHCR7TSPAN18TNFRSF6BFZD6RRN3P2ALDOCCCDC24TPH2C1orf55POSTNSLC22A1FHOD1LOC646903C1orf61LGALS7TRAIPCNTD2LOC100505702FAM106CPBIDALG3LOC344967SLC44A5FCARC20orf27CHST11HIST3H2BBEFNB2CATSPER1KDM6BCYP2S1CHRNA6SGPP1NCF2MAP4K2BVESGMPSPRKAR1BSMC4HIST1H2BLSOX30GGHZFP64WDR53NAV1PAQR3HRGOSBP2ZWILCHC5orf55RACGAP1PTDRKHHIST1H2BECOL5A2MX2UBE2L6LPCAT1PRR5LTCP11L1TGIF2TUBA1CCOL13A1AGTRAPSRCRB4DLOC254057HIST2H2AA4POC1AJAG2MYO5AF2RL2CLCN5LOC100506469SLC7A6C1QTNF6EPHB1TMEM182SLC1A4NDRG4WNT3TNFSF11C19orf59ACANFGF1BCL2L10TMEM38BELK1HIST1H4IINPP4ASTX1ATOB2P1RECQL4MAP7D2CSGALNACT2FLNAVAX2KPNA2C5orf13SLC6A10PITGB6TNFSF4GRAMD1ACCNJLBYSLFAM92A1TUBA1AOSMRHIST1H2BFHIST2H4BASAP1TIMELESSHAUS8CCDC28BLRR1MICAL2ITGB4RNF168IFI44C20orf72TMCC2ISL2PTTG1HCFC1HIST1H1DARHGAP28RIMS2PSORS1C1MSNSIN3BPTTG3PLCE1FNRMADAMTS2HIST1H2BOIGFBP3SAMD1HTATSF1P2PMEPA1ATP2B4DGCR5NDRG1GIT1APOEDUSP7DNAJB5C1orf226HKDC1LINC00260CLDN1FAM106ABOP1EPHB4MX1FAM59BNUP155FLJ32255SLC29A4MOV10L1HIST1H2BHELF4ROR2PAX6PPPDE1ABCC2BDNFSLC3A2PQLC2CTSL1FAM105BPOLA2WNT10ARRAS2PSMC3IPXAF1XPR1CDK5R1TTYH2ANXA13BICD2POU6F2FJX1MESTMGC16121BRF2IL32TNS4C6orf99LMO1CENPHRELBLYPD6BONECUT2TET1SLC30A3C11orf84DFNB31POLEFSD1TMEM200BAHRRONECUT1GRAMD1BCOL12A1FAM83BCEP152ERFCOL4A2DUSP10DNAH14CBX8LY6EPSTPIP2SPIRE1AGRNDMC1MCM5IDI2-AS1ANK1PIGXBRIX1C1orf51TACC3BRCA1SLC15A3BMP1NCAPGC4orf10HIST1H1BCYP26B1POFUT1TNNSTIP1MICALCLCENPVPKP1MGC4294IFIT2EIF2C2PTTG2LOC100128644WNT7ACPT1CEFNB1SNAI1PLXNA1PRIM2TRIB3ESPNLWDR62TET3CDCA7ZWINTC11orf82KIAA0040ZNF623KIF22KIF20BBRMS1MAD2L2SLC2A3C14orf80KIF15ANKRD40HOXB7HIST1H2BBC18orf54NFE2L3CKAP2PKD2L1GRM8LOC100132006COL24A1CKS2DNMT1OR4N4EPHB2G0S2WNT3ATAP1EPB41L4BPDXPC9orf140C15orf23ARPC1BSMTNMTHFD1LHIST1H4KSLC7A5ACTL6AMARK1SOCS1FLJ33996ETV7ABCD1CHTF18ICAM5TMEM65CHST1SLC39A4IGSF3TGFB1CLDN14SEMA3CHAPLN3LOC144486CDHR1DCBLD1HELLSPSMB9SNX5PI15FOXRED2LETM2MYOM3SRSF12SLC39A6LOC643650FLJ40292SGTBNOX4CHMLKLK4ABL2GGT8PNUDT1CCL27COL4A1BAG2PTPN14LINC00165TUBAL3ERC2LYPD6CDK18CCNE1ENAHTAF4BKIF7MAPRE3DUSP9SPRY4GNLYBEST2LIM2EPPK1TP53TG3SF3B4TP63LOC728431SQLESTON2C9orf30TYMSCLEC7AHIST1H4JDLX3SLC19A1BCAT1LTBP1SKA3TREX2HUS1BAPOBEC3FNEBLOC100505592MNX1KIF11SGOL2MND1PPP2R2CTPCN2SNAI2ITGA5KCNS3LRRC8EPHLDB2RETFAM64AC9orf84PPBPCOL8A1EME1NTSR1NFE4CKS1BLRFN4FBXO45TTYH3SLC16A1LINC00162GBP1FADDCDK2MEX3BC9orf100FERMT1GAD1PBKSLC35G1POLE2TBX18UHRF1TTLEXT1BCL2A1PAQR4CHRNA3EGFRCD276SEMA4FMB21D1TGM2TNFSF9PPIFCCNB1ITPKABATF2IGSF11ITGA6ANKRD29TRPV3PGFZNF282TGFBIGJA3LEPREL4PLK4LOC339240LRP12HPCALOC440173HMGB3ATP8A2HIST1H4FCCDC150HERC5NRG1MMS22LGAP43UBE2SASF1BLOC440356FANCBHOMER3KRT79COL17A1LOC645427C20orf20LRRC38NCAPD2CENPLNIPA1DFNA5HOXD13PPFIA1TNFRSF10BPOLQMLLT11RTKNMCM7FAM43ATROAPZNF695NRP2KIAA0101PSMD2SMC2ENO2CCL8IL12RB2C10orf114CELSR3WDR54NOS1APSDR9C7NPNTLOC100287482SPHK1FAM151AHOXD9GNA12RBP1NCAPHLOC440934RAB32MAD2L1DNA2KRT9DIAPH3SOD2LAPTM4BGJC1PRC1ETV4FAM111BTYMPWDHD1RHOBWNT7BC16orf57KIF24TMEM81LRP8BMP2C15orf27IFNGFANCICXCL6WISP3HOXD1CAV1MAGEA5ICAM1CCL20NMBMFAP3LKIAA1524MGC11082CTSL2NANOS1TEAD2MASTLC1QL1C5orf38PLEK2GJA1SCN2ATMEM194ASUN3GLDCFAM71F1CDC25AFSTL4STARD4KRT6AC21orf30ATAD5PANX1CDKN3SLMO1CLCN2FEN1TNCUSP18SPINK1FCHO1KIAA1804UBE2QL1CDCA4ATAD2MKI67TNFRSF18AFAP1L2STAT1C14orf33CENPOPPP1R1CEPSTI1ZNF367RAMP1LOC100133299APOC2DLGAP1SERPINB7S1PR5ANO1RMI2PRR16ASPHD1LINC00256BDPF1RFC4SPC24DUSP14VSIG1TUBB3RDH16PTGFRNPPP4R1LNEIL3PFN2C1orf74C6orf141CXorf48IRF6FAM54ASCHIP1FCGR3BRGS4TMEM132ACDCA8E2F7TFRCSPC25KRT34EGR3LAIR2LOC100506670LINC00256AC19orf40ARHGAP11AHMMRB4GALNT3CDH3ITGA3APBA2FEZ1RPL39LBICD1ATP8B3OAS3CEP72LOC100506507IGFN1MFHAS1MCM4RNFT2ESCO2TNNI3ODC1SPAG5CCNFOIP5SYT12SERPINH1ACOT7TMEM45ASOX12CCDC165SCG5SLC2A1CDK1KRT6CCDCA3SLC13A5KIF18BCDT1C16orf74TMEM97ACVR1CASPMAURKAPKMYT1CENPESGOL1BRIP1SLC7A11UBE2TGSDMALOC647946CASC5KCNMB3LRATDDX60RASGEF1ATNNT1NUSAP1B3GNT4DNMT3BPGLYRP41-DecMTBPMYO10KIFC1MB21D2BUB1BGABRQKIF20ACD70TEAD4CENPMPROCRCOL7A1C15orf42SKP2PGAM5KIF23STILFADS3ARCMKRN3ADAM23CDC25BIFI44LFGD6USP41KRT33AXCL2BNC1BRCA2EIF5A2LAMP3OAS2C18orf56STARCDC20TOP2ATNIP3CABYRPDPNAQP9LOC100652886CDYL2RTN4RLOC149351ARPM1GBP5CENPFBTBD16TNFAIP3MYBL2CENPNLCE3CPAGE2PGBD5TMSB15AC8orf51MLF1SHISA2FAM167AAXDND1FAM72DGNB5GPNMBPLK1NUF2FADS1LAMB3SALL4NDC80KLF7C17orf53CPA6DLGAP5ERCC6LTNFAIP6CSPG4CARD18IL4I1ECT2CCNA2CD177GINS2TTKCENPISNX10DTLDSCC1IGF2BP3LOC100506798HJURPSLC2A6SEMA7AB4GALNT1DYNC1I1DEPDC1CD274BIRC5MYO1BRBAK-LOC389458GTSE1LYPD1BAI2ABCA12RAD51MELKC16orf59FABP6RAD54LBUB1FOSL1AIM2IFIT3CDC6SHCBP1TRPM2LOC100129781PLAURIFI27LOXL2RBL1GINS4XCL1MSCSOX11LCE3BHOXA9IL11XRCC2DLX5LEMD1FAM132AZIC5MSX2P1CLEC12BAPCDD1LGPR172BKIF3CMSX2DNAH17GSG2UBE2CCDCA5KIF4AANLNCKAP2LWFDC5AURKBCHRNA5TK1STC2PLA2G7MAPK12CDC25CCCL3FAM89AALOX12P2HIST1H2ALAPOC1NETO2FANCAPTGS2CHEK1KIF2CNPWCDCA2C12orf75LOC401317CTHRC1RGS20CDC45RAD51AP1WDR76LORC1orf135DLX2MCM2NXPH4ESYT3PNCKCHST2LOC387895MPP4APOBEC3BEXO1PLAUWISP1KIF18ANUDT11C6orf105LAMA3TPX2SKA1IL36RNCCL7NRIP3MFAP2MCM10KRT16P3LOC440905CNTNAP2KLK5CENPAGINS1CREG2E2F1CXCL5KRT14FPR2FOXM1CCL11PPP1R14CSCN8AIFIT1COL1A1RAG1APOBEC3AIGF2BP2CEP55ODF3L1IL20IL1AIFI6SPRR4GDAGUCY1B2ALOX12BIL1BDEPDC1BKIF26BBMP8AKREMEN2KRT6BLCE2BCYP27B1MAGEA6BST2MMP9CXCL10CCRN4LDLX1WDR72ORC1CXCL11TCHHTDO2ASPRV1OSMCDSNRAB3BNEK2TCAM1PSLC10A4OGDHLADAM12GTSF1LINC00491LIPGCOL10A1SEC14L4GPR19TMC7DSG1SHOX2LINC00319TNFRSF12ATREM2FAM40BGASTIL8CYP26A1LEPREL1ALPK2RASL11BPNPLA3TMEFF1FOXL2FLJ45248EMR1FSCN1EN1RSAD2KHDC1HOXA10ODZ2AFAP1-AS1LCE3AARSISLC47A2GALCLSPNKIF14TRIM15KRT16P2PPP4R4TNFRSF9DLL3MMP11ERVMER34-1DEFB4ANELL2CSF3GNGT1NLRP7SLC6A2MUCL1PPAPDC1AMMP10LY6KGDPD2WDR66COL4A6POTECKRT17NEFLDLX4HSD17B6SYT1HMGA2FBN2KLHDC7BINHBAISG15PCSK9LOC286467KRT1SLCO1A2TRIP13GPRIN1LRRC15LOC100507460OASLLAMC2POTEEIGFL2CTAG1APOTEGPLAC1COL11A1HOXA11-AS1LOC100652730IGF2BP1IL24CSAG1LCE3DDHRS2KRT16C6orf10HOXC10POPDC3SPP1ZNF114FLJ13744WFDC12DSC1TM4SF19C14orf34HOXC8TREM1HOXD11MMP13KRTDAPPTHLHSERPINE1HSPB3GJB7HOXD10CSAG2HOXB9S100A7SOSTPOTEDDEFB103BPOTEBCSF2PRAMELHX2IL36GCA9HOXC9MAGEA9HOXC13MAGEA4MAGEA12MAGEA1MMP12MMP1MMP3S100A7AMAGEA2BSPRR2G 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