

Additional File 2 Table S1:

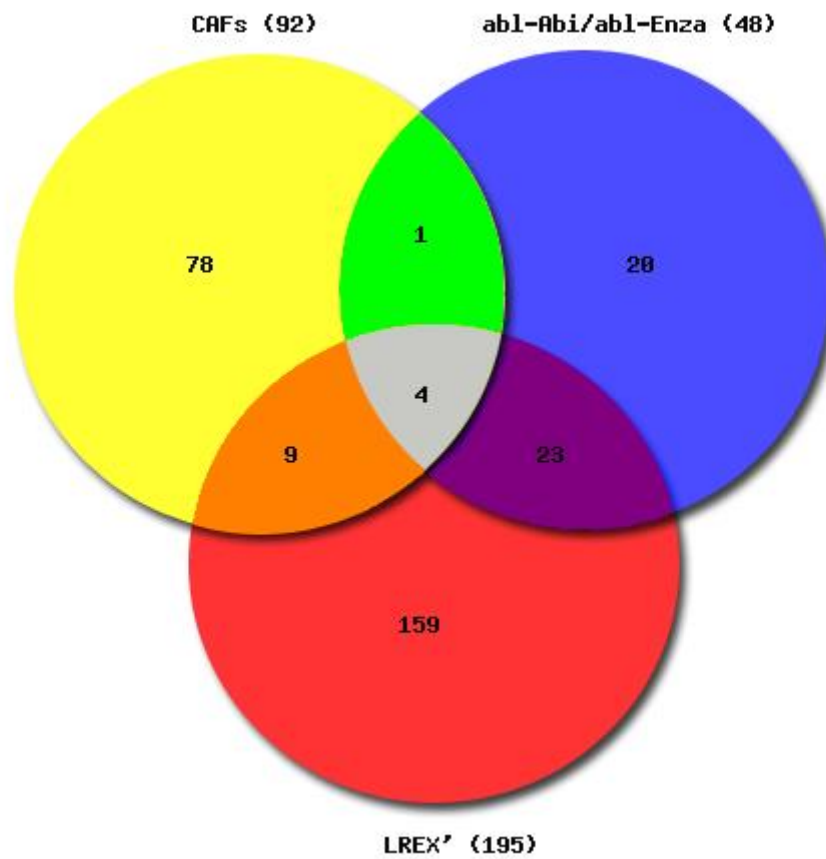
stromal and epithelial data set comparisons. Significantly up-regulated genes (>1.5 FC FDR <0.1) between different datasets. These data are the basis for Figure 1 E, F

| 4 | 23 | 1 | 78 | 20 | 159 | 9 |
|--------|----------|------|---------|-----------|----------|----------|
| FKBP5 | SGK1 | PER1 | SAA2 | PGC | TUBA3C | PTGER4 |
| MAOA | KLK4 | | SAA1 | FAXDC2 | TUBA3E | CRISPLD2 |
| ERRFI1 | SPSB1 | | IRS2 | COLCA1 | PGLYRP2 | ELL2 |
| KLF9 | HTR3A | | CXCL8 | MYBPC1 | C5orf4 | EEF2K |
| | SCNN1G | | FLVCR2 | KLK2 | SLC25A18 | NFKBIA |
| | C19orf48 | | METTL7A | MAP1B | SNAI2 | TSC22D3 |
| | RGS2 | | CPM | CST1 | EMP1 | FOXO3 |
| | TUBA3D | | SLC7A2 | IL6R | RASD1 | MT1X |
| | TMPRSS2 | | AOX1 | FAM43A | SLC45A3 | IFNGR1 |
| | RHOU | | CXCL1 | DUSP4 | TFAP2A | |
| | ETS2 | | ADH1B | IGF1R | BIRC3 | |
| | MBOAT2 | | IFI44L | LCP1 | S100P | |
| | NPC1 | | ITGA10 | PLPP1 | GADD45B | |
| | ZC3H12A | | FAM107A | TMPRSS11E | TRIM36 | |
| | STK39 | | PTK2B | BBS12 | CEBPD | |
| | FAM105A | | GCNT1 | TMCC3 | KCNMA1 | |
| | FAM49A | | DUSP5 | AKAP5 | PSD | |
| | CHKA | | PISD | HSD17B11 | TRIM48 | |
| | HOMER2 | | FAM167A | GALNT2 | KLF5 | |
| | FBXO38 | | PXYLP1 | CFAP69 | KLF15 | |
| | PRKCD | | DNAJB4 | | C9orf152 | |
| | TBC1D8 | | PPME1 | | DBC1 | |
| | TPM1 | | LRRC16A | | ALDH1A3 | |
| | | | SORT1 | | HERC5 | |
| | | | ZBTB16 | | SLC25A27 | |
| | | | TRNP1 | | PPP1R1B | |
| | | | FABP4 | | GSG1 | |
| | | | PARM1 | | ACTA2 | |
| | | | TCEAL4 | | C11orf92 | |
| | | | PRKAG2 | | PRR15L | |
| | | | ABLIM3 | | PMEPA1 | |
| | | | SLC44A1 | | FHL2 | |
| | | | PKDCC | | PHLDA1 | |
| | | | ARMC8 | | ADAMTSL4 | |
| | | | SLC7A8 | | EDG7 | |
| | | | KRT10 | | LEPREL1 | |
| | | | GGT5 | | STX19 | |

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|--|--|----------|----------|
| | | CXCL6 | C7orf63 |
| | | CHCHD7 | AHNAK |
| | | SP110 | RND3 |
| | | FPR1 | NKX3-1 |
| | | AGL | MICAL2 |
| | | CLDN7 | KIAA0040 |
| | | C1QL1 | GREB1 |
| | | TCEAL3 | C17orf48 |
| | | ATOH8 | LPAR3 |
| | | ITGA5 | ZMIZ1 |
| | | DPY19L4 | PDE9A |
| | | YEATS2 | F2RL1 |
| | | SLC16A12 | ABHD2 |
| | | RASL11B | MIB1 |
| | | ELF1 | C1orf149 |
| | | TCAF2 | FLJ30428 |
| | | DIAPH2 | CA13 |
| | | ITPR1 | ECAT8 |
| | | GK5 | SPIC |
| | | TCEAL1 | CRY2 |
| | | SLC26A6 | TSKU |
| | | NID2 | KRT80 |
| | | SRPX2 | TSPYL2 |
| | | ALOX5AP | HMOX2 |
| | | EPS8 | RAB3B |
| | | ANXA4 | RHOB |
| | | TCEAL6 | NEDD4L |
| | | SSB | HSD11B2 |
| | | ITPK1 | PPAP2A |
| | | WBP5 | NDRG1 |
| | | AKAP13 | MEAF6 |
| | | FAM222B | STEAP2 |
| | | TBC1D12 | SLC2A12 |
| | | TNIP1 | AGXT2L1 |
| | | ARRDC1 | KBTBD11 |
| | | GALNT15 | PCDH10 |
| | | PCYT2 | LIN7B |
| | | MT1F | GPR125 |
| | | MORF4L2 | ARG1 |
| | | PTPN1 | GHR |
| | | ZHX3 | SLC31A2 |
| | | | BRDT |
| | | | SPRYD5 |
| | | | KCNRG |
| | | | TMEM164 |

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| | | | | | ABCC4 | |
| | | | | | C1orf116 | |
| | | | | | DDIT4 | |
| | | | | | HERC6 | |
| | | | | | PPFIBP1 | |
| | | | | | DOCK5 | |
| | | | | | PDCD11 | |
| | | | | | DNAJB5 | |
| | | | | | FRMD3 | |
| | | | | | TBC1D4 | |
| | | | | | KIF5C | |
| | | | | | FLJ22795 | |
| | | | | | STAT3 | |
| | | | | | PER2 | |
| | | | | | C17orf58 | |
| | | | | | BCL6 | |
| | | | | | GADD45G | |
| | | | | | CGNL1 | |
| | | | | | NRP1 | |
| | | | | | MTMR9 | |
| | | | | | SIPA1L2 | |
| | | | | | CA12 | |
| | | | | | C6orf85 | |
| | | | | | STEAP1 | |
| | | | | | ATAD2 | |
| | | | | | OFD1 | |
| | | | | | FRYL | |
| | | | | | PACSIN2 | |
| | | | | | RRAS | |
| | | | | | TCP10L | |
| | | | | | AXUD1 | |
| | | | | | SH3BGR | |
| | | | | | KIAA1370 | |
| | | | | | PLLP | |
| | | | | | SOCS2 | |
| | | | | | KLF6 | |
| | | | | | RDH10 | |
| | | | | | ZBTB25 | |
| | | | | | RAB20 | |
| | | | | | CYR61 | |
| | | | | | MLPH | |
| | | | | | LOC652968 | |
| | | | | | ZYX | |
| | | | | | IL1R1 | |
| | | | | | ARHGAP28 | |

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| | | | | | PNPLA8 | |
| | | | | | SOX13 | |
| | | | | | NCOA6IP | |
| | | | | | PLXNA1 | |
| | | | | | TNFAIP8 | |
| | | | | | GABRB3 | |
| | | | | | RBM24 | |
| | | | | | DUSP1 | |
| | | | | | AR | |
| | | | | | TNFRSF10B | |
| | | | | | REPS2 | |
| | | | | | PPFIBP2 | |
| | | | | | LOC643896 | |
| | | | | | MED23 | |
| | | | | | TUBB2A | |
| | | | | | ALAD | |
| | | | | | TEF | |
| | | | | | EHF | |
| | | | | | MTE | |
| | | | | | LRRFIP2 | |
| | | | | | DNM1L | |
| | | | | | GRHL2 | |
| | | | | | SFXN2 | |
| | | | | | RER1 | |
| | | | | | ZC3HAV1 | |
| | | | | | SDC1 | |
| | | | | | ZNF622 | |
| | | | | | FOXD4 | |
| | | | | | GOLSYN | |
| | | | | | FNBP1L | |
| | | | | | MAP3K6 | |
| | | | | | OSR2 | |



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|-----|--|
| 4 | mutual genes CAF, LNCaPabl-Abi/Enza, LREX' |
| 23 | mutual genes , LNCaPabl-Abi/Enza, LREX' |
| 1 | mutual genes , CAF, LNCaPabl-Abi/Enza, LREX' |
| 78 | genes CAF |
| 20 | genes LNCaPabl-Abi/Enza |
| 159 | genes LREX' |
| 9 | mutual genes CAF, LREX' |