GO Biological Process Enrichment heterocycle metabolic process 640 transcripts nucleobase-containing compound metabolic process Up in skin DC cellular aromatic compound metabolic process cellular nitrogen compound metabolic process RNA metabolic process nitrogen compound metabolic process gene expression cellular metabolic process mRNA metabolic process 88 transcripts regulation of nitrogen compound metabolic process innate immune response Up in vaginal DC phagocytosis epidermis development tissue development 123 transcripts defense response epithelial cell differentiation immune response 156 transcripts epithelium development cell adhesion immune system process DR-DR+ -20 -10 0 10 20 30 Vagina -log(p-value) d 156 transcripts over-expressed in vDR- cells 123 transcripts over-expressed in vDR+ cells CD1B CYBBITGAX LY96 NDRG KRT17LCN2 PRSS RNASE7 RRAGD A2M KCTD12 HSPE AIF1 DEFB103A S100A8 CCL8 CCND1 S100A9 ALOX5A CLEC10A TGFBR2 MERTK' CTSB HSPB8 ITGA5 CTSS PI3 CD1A RHCG IFNG IL18 CD163 **IL17A** ACAA2 FZD2 CSF2 11.5 CCL2

ACP5

WLS

PYCARD

FPR1

SLC2A3

ETV5

ACVRL1

CSF3R

AXL*

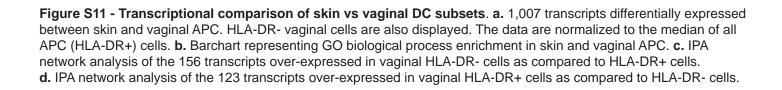
CSF1

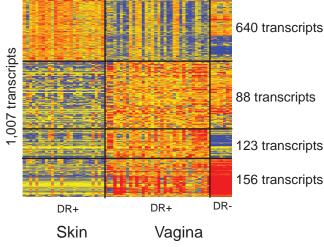
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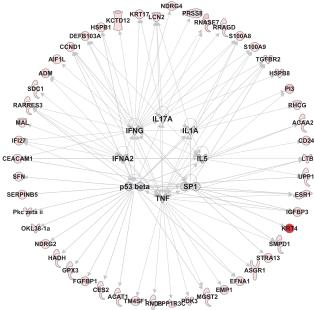
TNE

STAT

OLR1 CTSL* LFNGCD79AEM176B







С

GSDMD

LST1'

NOTCH1

SELE

UBE2L6

A4GALT

DCN

GGPD

OSM

STAT1