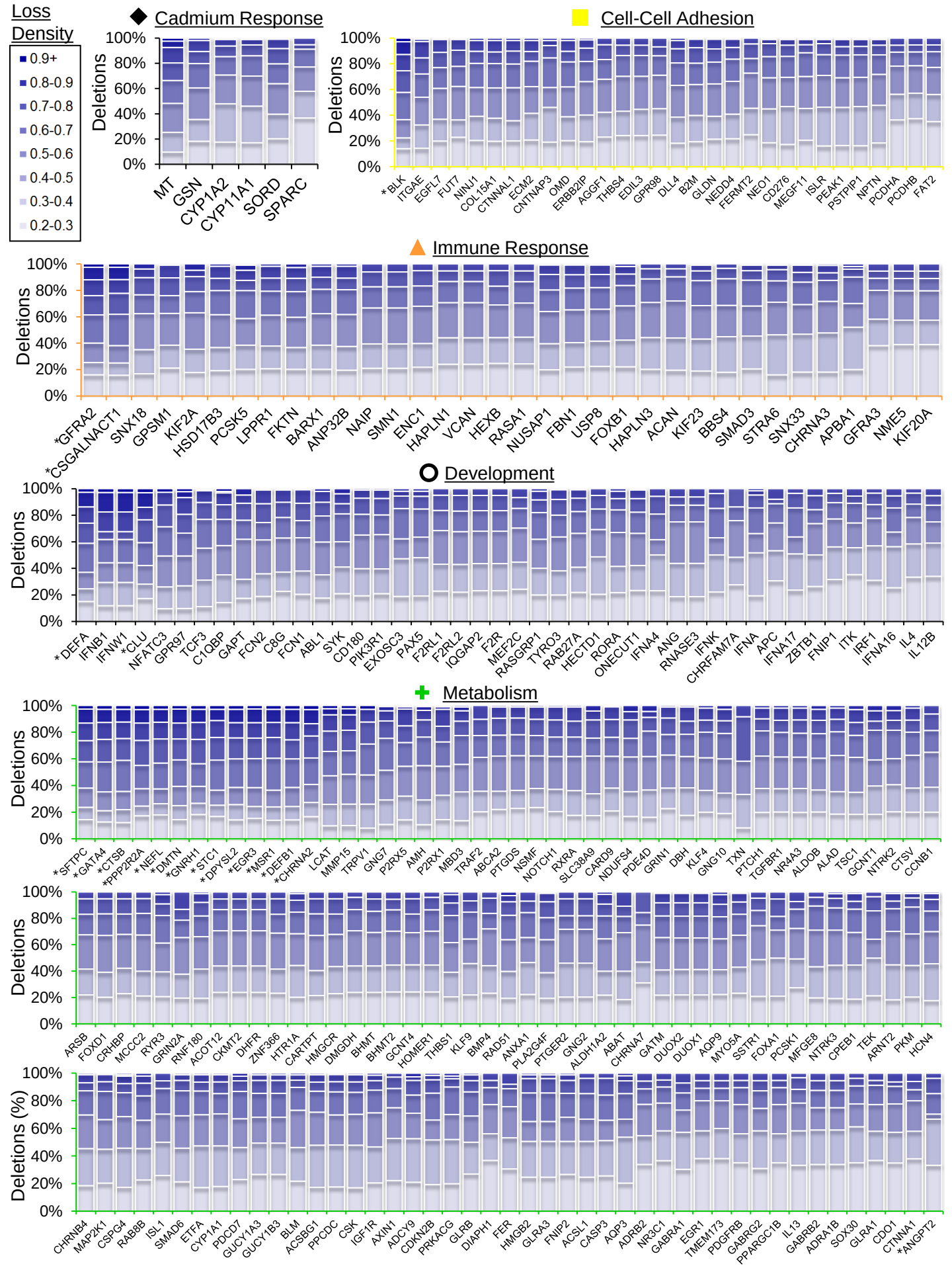
Loss Density
0.9+
0.8-0.9
0.7-0.8
0.6-0.7
0.5-0.6
0.4-0.5
0.3-0.4
0.2-0.3
Cadmium Response
Deletions
100%
80%
60%
40%
20%
0%
MT
GSN
CYP1A2
CYP11A1
SORD
SPARC
Cell-Cell Adhesion
*BLK
ITGAE
EGFL7
FUT7
NINJ1
COL15A1
CTNNAL1
ECM2
CNTNAP3
OMD
ERBB2IP
AGGF1
THBS4
EDIL3
GPR98
DLL4
B2M
GLDN
NEDD4
FERMT2
NEO1
CD276
MEGF11
ISLR
PEAK1
PSTPIP1
NPTN
PCDHA
PCDHB
FAT2
Immune Response
*GFRA2
*CSGALNACT1
SNX18
GPSM1
KIF2A
HSD17B3
PCSK5
LPPR1
FKTN
BARX1
ANP32B
NAIP
SMN1
ENC1
HAPLN1
VCAN
HEXB
RASA1
NUSAP1
FBN1
USP8
FOXB1
HAPLN3
ACAN
KIF23
BBS4
SMAD3
STRA6
SNX33
CHRNA3
APBA1
GFRA3
NME5
KIF20A
Development
*DEFA
IFNB1
IFNW1
*CLU
NFATC3
GPR97
TCF3
C1QBP
GAPT
FCN2
C8G
FCN1
ABL1
SYK
CD180
PIK3R1
EXOSC3
PAX5
F2RL1
F2RL2
IQGAP2
F2R
MEF2C
RASGRP1
TYRO3
RAB27A
HECTD1
RORA
ONECUT1
IFNA4
ANG
RNASE3
IFNK
CHRFAM7A
IFNA
APC
IFNA17
ZBTB1
FNIP1
ITK
IRF1
IFNA16
IL4
IL12B
Metabolism
*SFTPC
*GATA4
*CTSB
*PPP2R2A
*NEFL
*DMTN
*GNRH1
*STC1
*DPYSL2
*EGR3
*MSR1
*DEFB1
*CHRNA2
LCAT
MMP15
TRPV1
GNG7
P2RX5
AMH
P2RX1
MBD3
TRAF2
ABCA2
PTGDS
NSMF
NOTCH1
RXRA
SLC38A9
CARD9
NDUFS4
PDE4D
GRIN1
DBH
KLF4
GNG10
TXN
PTCH1
TGFBR1
NR4A3
ALDOB
ALAD
TSC1
GCNT1
NTRK2
CTSV
CCNB1
ARSB
FOXD1
CRHBP
MCCC2
RYR3
GRIN2A
RNF180
ACOT12
CKMT2
DHFR
ZNF366
HTR1A
CARTPT
HMGCR
DMGDH
BHMT
BHMT2
GCNT4
HOMER1
THBS1
KLF9
BMP4
RAD51
ANXA1
PLA2G4F
PTGER2
GNG2
ALDH1A2
ABAT
CHRNA7
GATM
DUOX2
DUOX1
AQP9
MYO5A
SSTR1
FOXA1
PCSK1
MFGE8
NTRK3
CPEB1
TEK
ARNT2
PKM
HCN4
Deletions (%)
CHRNB4
MAP2K1
CSPG4
RAB8B
ISL1
SMAD6
ETFA
CYP1A1
PDCD7
GUCY1A3
GUCY1B3
BLM
ACSBG1
PPCDC
CSK
IGF1R
AXIN1
ADCY9
CDKN2B
PRKACG
GLRB
DIAPH1
FER
HMGB2
GLRA3
FNIP2
ACSL1
CASP3
AQP3
ADRB2
NR3C1
GABRA1
EGR1
TMEM173
PDGFRB
GABRG2
PPARGC1B
IL13
GABRB2
ADRA1B
SOX30
GLRA1
CDO1
CTNNA1
*ANGPT2