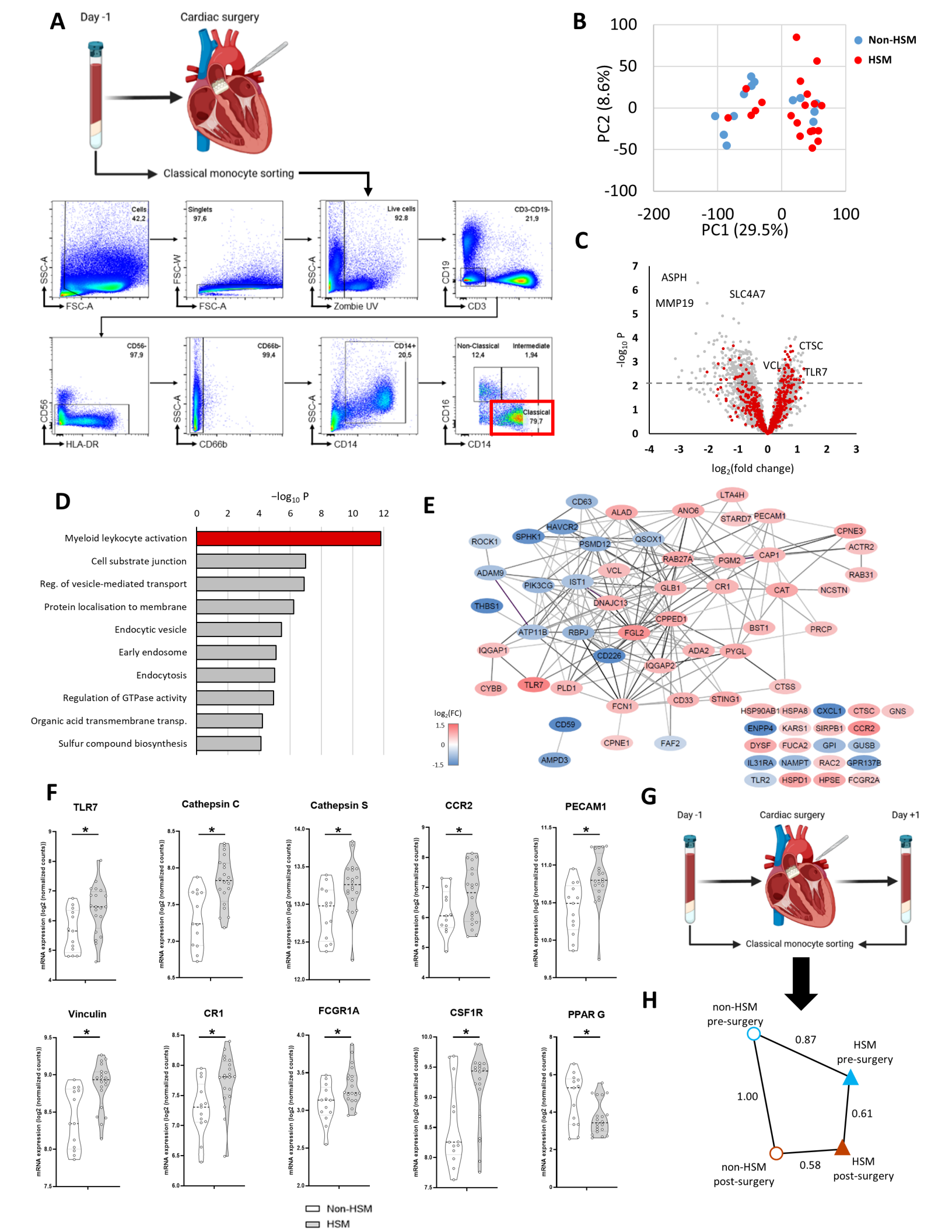
A
Day -1
Cardiac surgery
Classical monocyte sorting
Cells 42,2
Singlets 97,6
Live cells 92.8
CD3-CD19- 21,9
SSC-A
FSC-A
FSC-W
Zombie UV
CD19
CD3
CD56- 97,9
CD66b- 99,4
CD14+ 20,5
Non-Classical 12,4
Intermediate 1,94
Classical 79,7
CD56
HLA-DR
CD66b
CD14
CD16
B
Non-HSM
HSM
PC2 (8.6%)
PC1 (29.5%)
C
ASPH
SLC4A7
MMP19
CTSC
VCL
TLR7
-log10 P
log2(fold change)
D
−log10 P
Myeloid leykocyte activation
Cell substrate junction
Reg. of vesicle-mediated transport
Protein localisation to membrane
Endocytic vesicle
Early endosome
Endocytosis
Regulation of GTPase activity
Organic acid transmembrane transp.
Sulfur compound biosynthesis
E
log2(FC)
CD63
LTA4H
ALAD
ANO6
STARD7
PECAM1
HAVCR2
SPHK1
CPNE3
ROCK1
PSMD12
QSOX1
ACTR2
RAB27A
PGM2
CAP1
ADAM9
VCL
RAB31
PIK3CG
IST1
GLB1
CR1
CAT
NCSTN
THBS1
DNAJC13
CPPED1
ATP11B
RBPJ
FGL2
BST1
PRCP
IQGAP1
CD226
ADA2
PYGL
IQGAP2
CYBB
TLR7
PLD1
CTSS
CD33
STING1
FCN1
HSP90AB1
HSPA8
CXCL1
CTSC
GNS
CD59
ENPP4
KARS1
SIRPB1
CCR2
CPNE1
FAF2
DYSF
FUCA2
GPI
GUSB
AMPD3
IL31RA
NAMPT
RAC2
GPR137B
TLR2
HSPD1
HPSE
FCGR2A
F
TLR7
Cathepsin C
Cathepsin S
CCR2
PECAM1
Vinculin
CR1
FCGR1A
CSF1R
PPAR G
mRNA expression (log2 (normalized counts))
Non-HSM
HSM
G
Day -1
Cardiac surgery
Day +1
Classical monocyte sorting
H
non-HSM pre-surgery
HSM pre-surgery
non-HSM post-surgery
HSM post-surgery
0.87
1.00
0.61
0.58