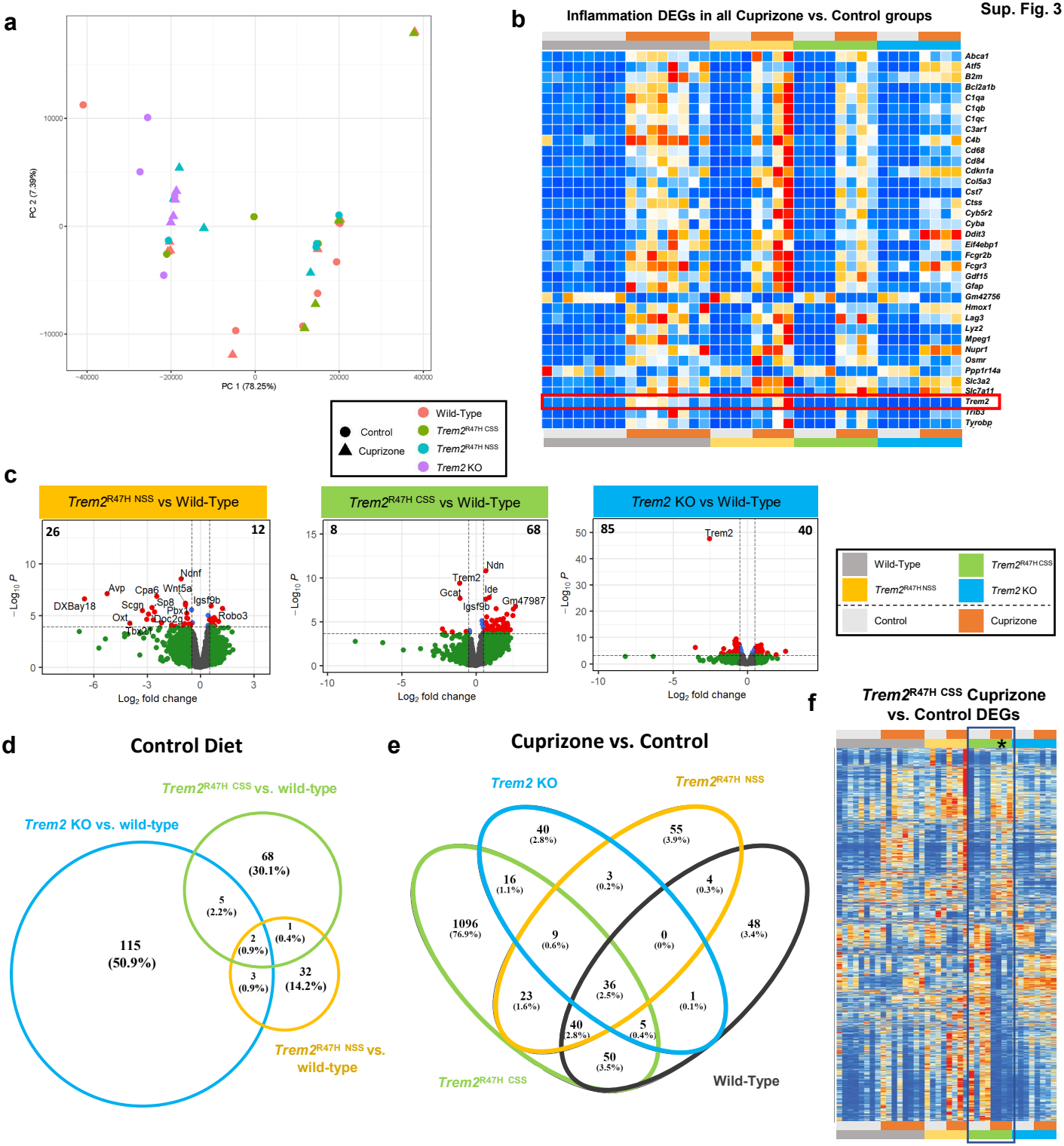
a
PC 2 (7.39%)
PC 1 (78.25%)
Control
Cuprizone
Wild-Type
Trem2R47H CSS
Trem2R47H NSS
Trem2 KO
b
Inflammation DEGs in all Cuprizone vs. Control groups
Abca1
Atf5
B2m
Bcl2a1b
C1qa
C1qb
C1qc
C3ar1
C4b
Cd68
Cd84
Cdkn1a
Col5a3
Cst7
Ctss
Cyb5r2
Cyba
Ddit3
Eif4ebp1
Fcgr2b
Fcgr3
Gdf15
Gfap
Gm42756
Hmox1
Lag3
Lyz2
Mpeg1
Nupr1
Osmr
Ppp1r14a
Slc3a2
Slc7a11
Trem2
Trib3
Tyrobp
c
Trem2R47H NSS vs Wild-Type
Trem2R47H CSS vs Wild-Type
Trem2 KO vs Wild-Type
Log2 fold change
−Log10 P
Ndnf
Avp
Cpa6
Wnt5a
Igsf9b
DXBay18
Scgn
Sp8
Pbx1
Oxt
Dcc2g
Robo3
Tbx2r
Ndn
Trem2
Gcat
Ide
Igsf9b
Gm47987
Wild-Type
Trem2R47H CSS
Trem2R47H NSS
Trem2 KO
Control
Cuprizone
d
Control Diet
Trem2R47H CSS vs. wild-type
Trem2 KO vs. wild-type
Trem2R47H NSS vs. wild-type
e
Cuprizone vs. Control
Trem2 KO
Trem2R47H NSS
Trem2R47H CSS
Wild-Type
f
Trem2R47H CSS Cuprizone vs. Control DEGs