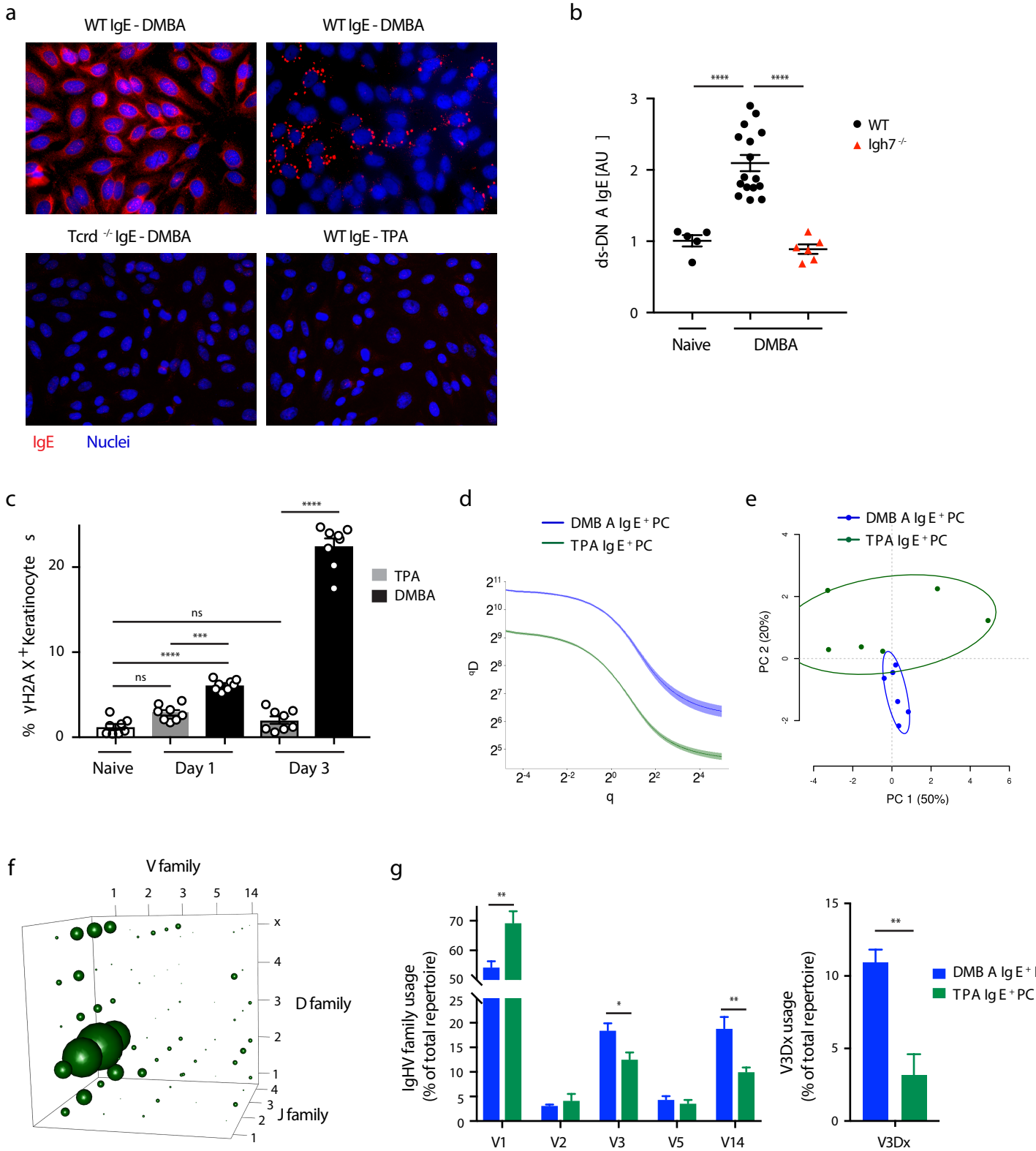
a
WT IgE - DMBA
WT IgE - DMBA
Tcrd -/- IgE - DMBA
WT IgE - TPA
IgE
Nuclei
b
ds-DN A IgE [AU]
WT
Igh7 -/-
Naive
DMBA
c
% γH2A X+ Keratinocyte s
TPA
DMBA
Naive
Day 1
Day 3
d
DMB A Ig E+ PC
TPA Ig E+ PC
qD
q
e
DMB A Ig E+ PC
TPA Ig E+ PC
PC 2 (20%)
PC 1 (50%)
f
V family
D family
J family
g
IgHV family usage (% of total repertoire)
V1
V2
V3
V5
V14
V3Dx usage (% of total repertoire)
V3Dx
DMB A Ig E+ PC
TPA Ig E+ PC