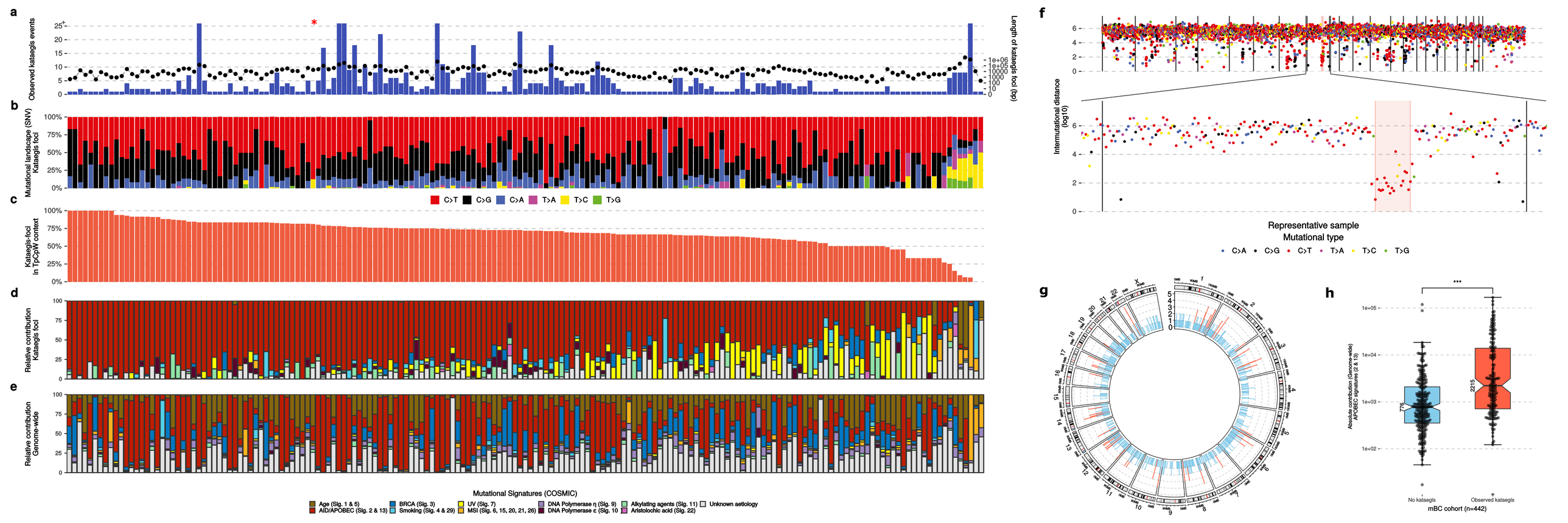
a
Observed kataegis events
Length of kataegis foci (bp)
b
Mutational landscape (SNV)
Kataegis foci
C>T C>G C>A T>A T>C T>G
c
Kataegis-foci in TpCpW context
d
Relative contribution
Kataegis foci
e
Relative contribution
Genome-wide
Mutational Signatures (COSMIC)
Age (Sig. 1 & 5)
AID/APOBEC (Sig. 2 & 13)
BRCA (Sig. 3)
Smoking (Sig. 4 & 29)
UV (Sig. 7)
MSI (Sig. 6, 15, 20, 21, 26)
DNA Polymerase η (Sig. 9)
DNA Polymerase ε (Sig. 10
Alkylating agents (Sig. 11)
Aristolochic acid (Sig. 22)
Unknown aetiology
f
Intermutational distance (log10)
Representative sample
Mutational type
C>A C>G C>T T>A T>C T>G
g
h
Absolute contribution (Genome-wide) APOBEC signatures (2 & 13)
***
776
2215
No kataegis
Observed kataegis
mBC cohort (n=442)