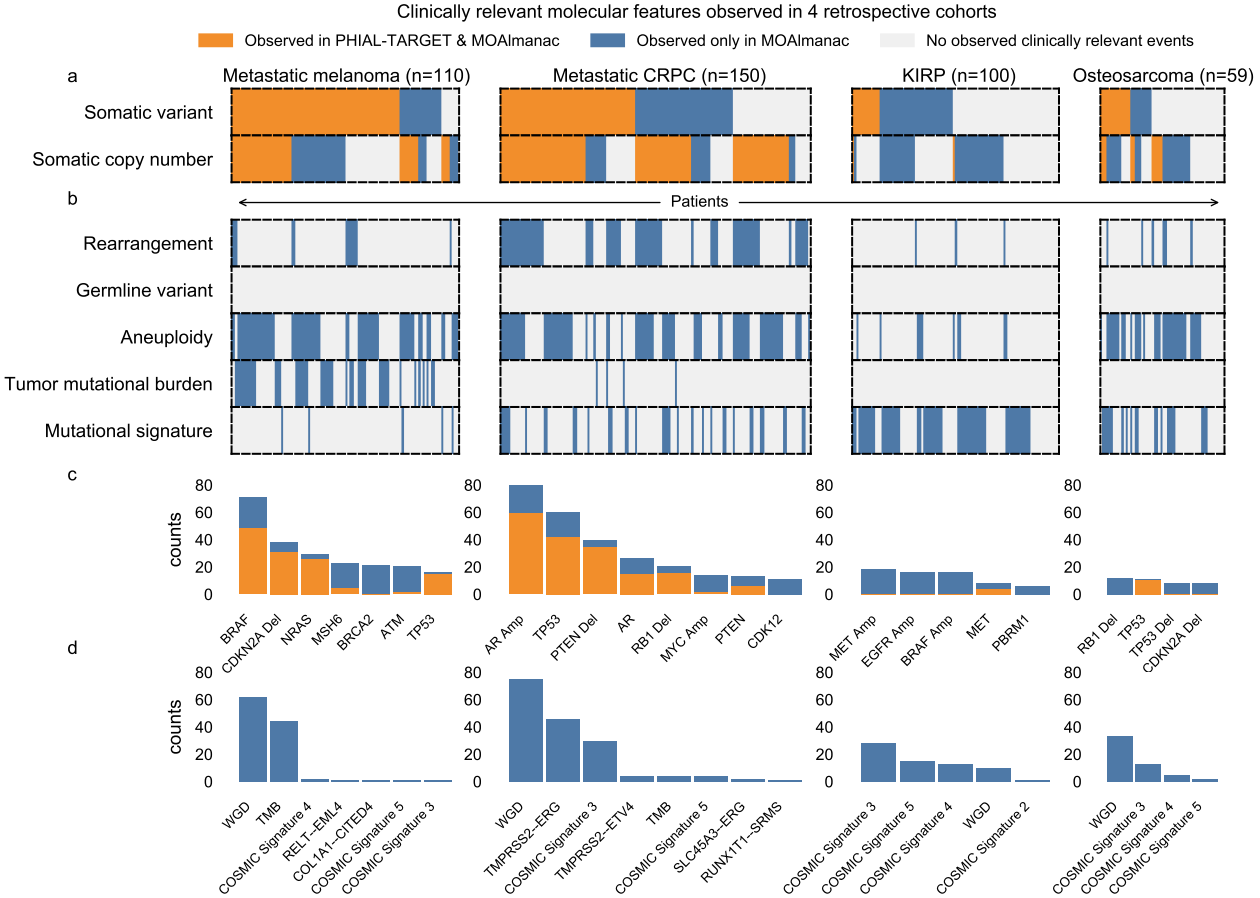
Clinically relevant molecular features observed in 4 retrospective cohorts
Observed in PHIAL-TARGET & MOAlmanac
Observed only in MOAlmanac
No observed clinically relevant events
a
Metastatic melanoma (n=110)
Metastatic CRPC (n=150)
KIRP (n=100)
Osteosarcoma (n=59)
Somatic variant
Somatic copy number
b
Patients
Rearrangement
Germline variant
Aneuploidy
Tumor mutational burden
Mutational signature
c
counts
BRAF
CDKN2A Del
NRAS
MSH6
BRCA2
ATM
TP53
AR Amp
TP53
PTEN Del
AR
RB1 Del
MYC Amp
PTEN
CDK12
MET Amp
EGFR Amp
BRAF Amp
MET
PBRM1
RB1 Del
TP53 Del
CDKN2A Del
d
counts
WGD
TMB
COSMIC Signature 4
RELT--EML4
COL1A1--CITED4
COSMIC Signature 5
COSMIC Signature 3
WGD
TMPRSS2--ERG
COSMIC Signature 3
TMPRSS2--ETV4
TMB
COSMIC Signature 5
SLC45A3--ERG
RUNX1T1--SRMS
COSMIC Signature 3
COSMIC Signature 5
COSMIC Signature 4
WGD
COSMIC Signature 2
WGD
COSMIC Signature 3
COSMIC Signature 4
COSMIC Signature 5