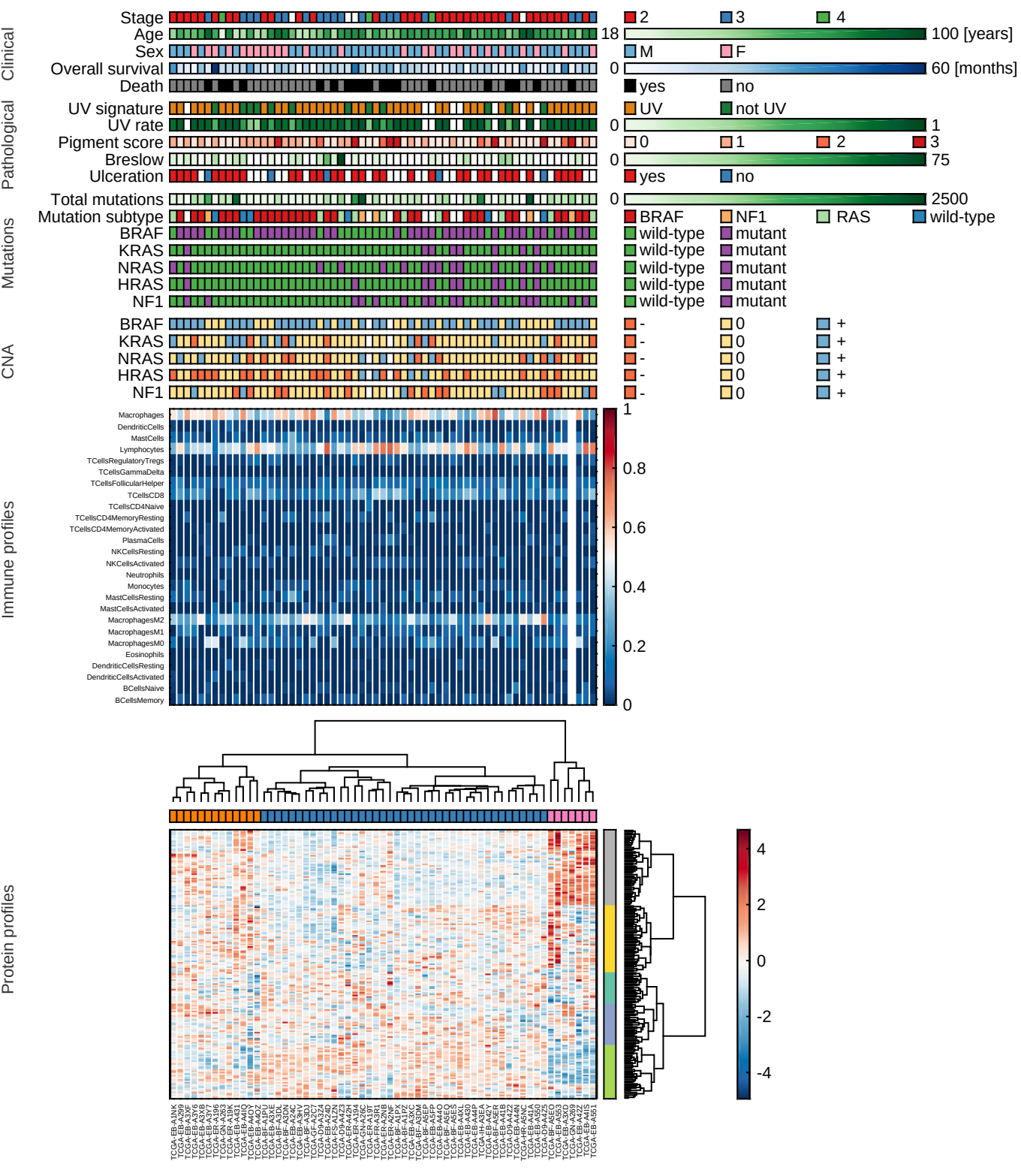
Clinical
Pathological
Mutations
CNA
Immune profiles
Protein profiles
Stage
Age
Sex
Overall survival
Death
UV signature
UV rate
Pigment score
Breslow
Ulceration
Total mutations
Mutation subtype
BRAF
KRAS
NRAS
HRAS
NF1
2
3
4
18
100 [years]
M
F
0
60 [months]
yes
no
UV
not UV
1
0
1
2
3
75
BRAF
NF1
RAS
wild-type
mutant
-
0
+
Macrophages
DendriticCells
MastCells
Lymphocytes
TCellsRegulatoryTregs
TCellsGammaDelta
TCellsFollicularHelper
TCellsCD8
TCellsCD4Naive
TCellsCD4MemoryResting
TCellsCD4MemoryActivated
PlasmaCells
NKCellsResting
NKCellsActivated
Neutrophils
Monocytes
MastCellsResting
MastCellsActivated
MacrophagesM2
MacrophagesM1
MacrophagesM0
Eosinophils
DendriticCellsResting
DendriticCellsActivated
BCellsNaive
BCellsMemory
1
0.8
0.6
0.4
0.2
0
4
2
0
-2
-4