A

B

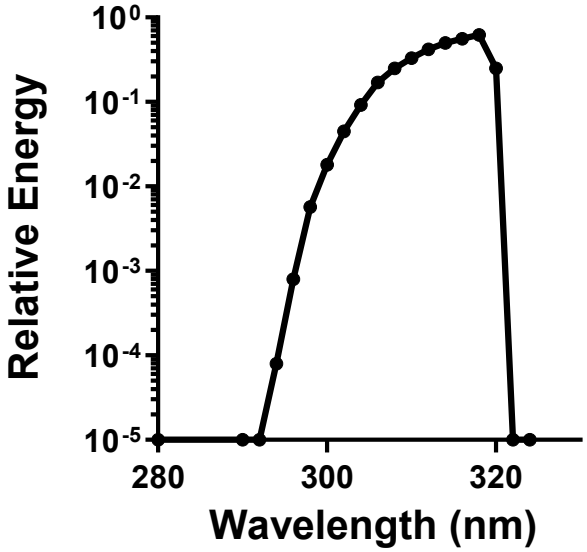
Relative Energy
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
280
300
320
Wavelength (nm)

Figure S1

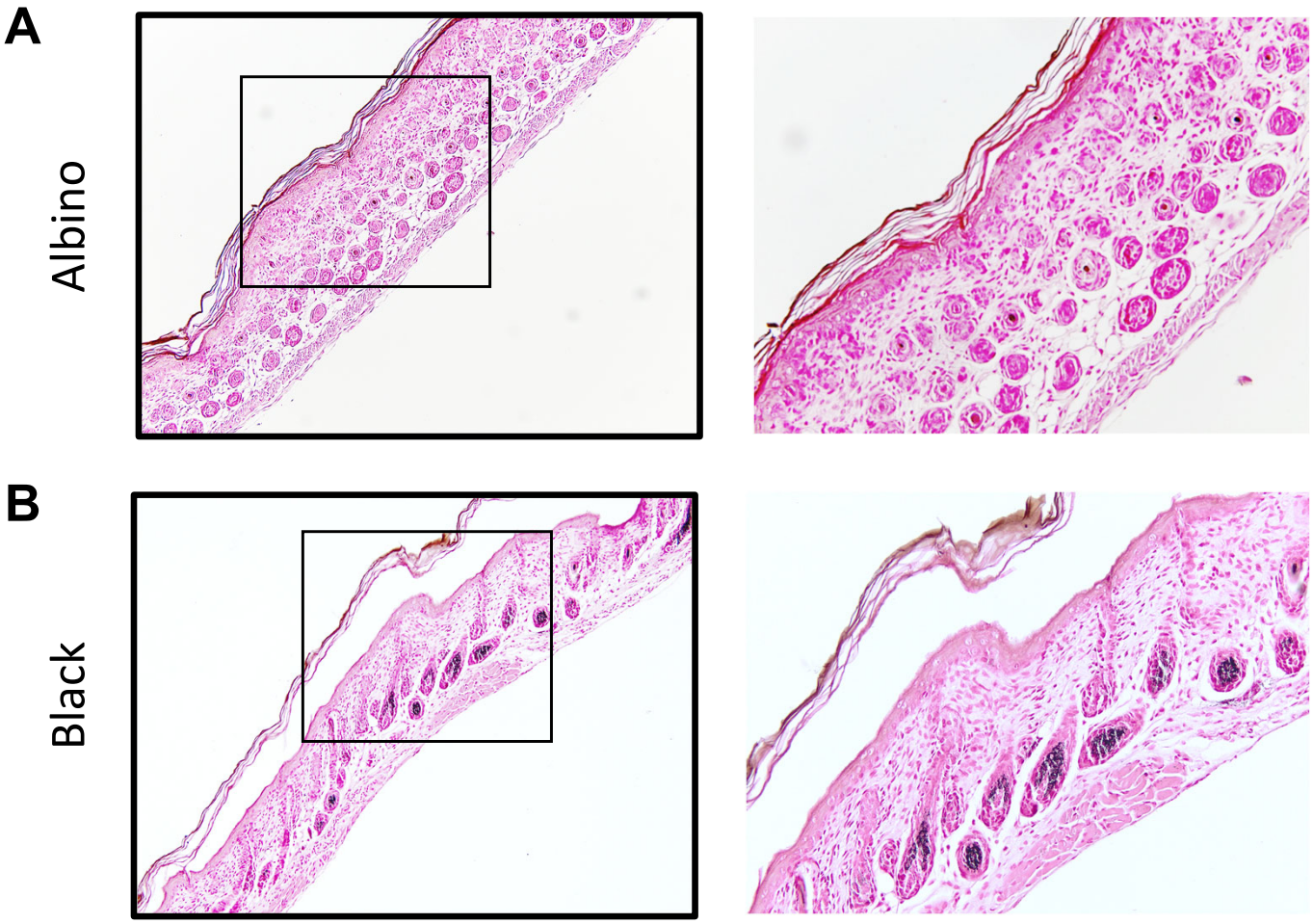

Figure S2

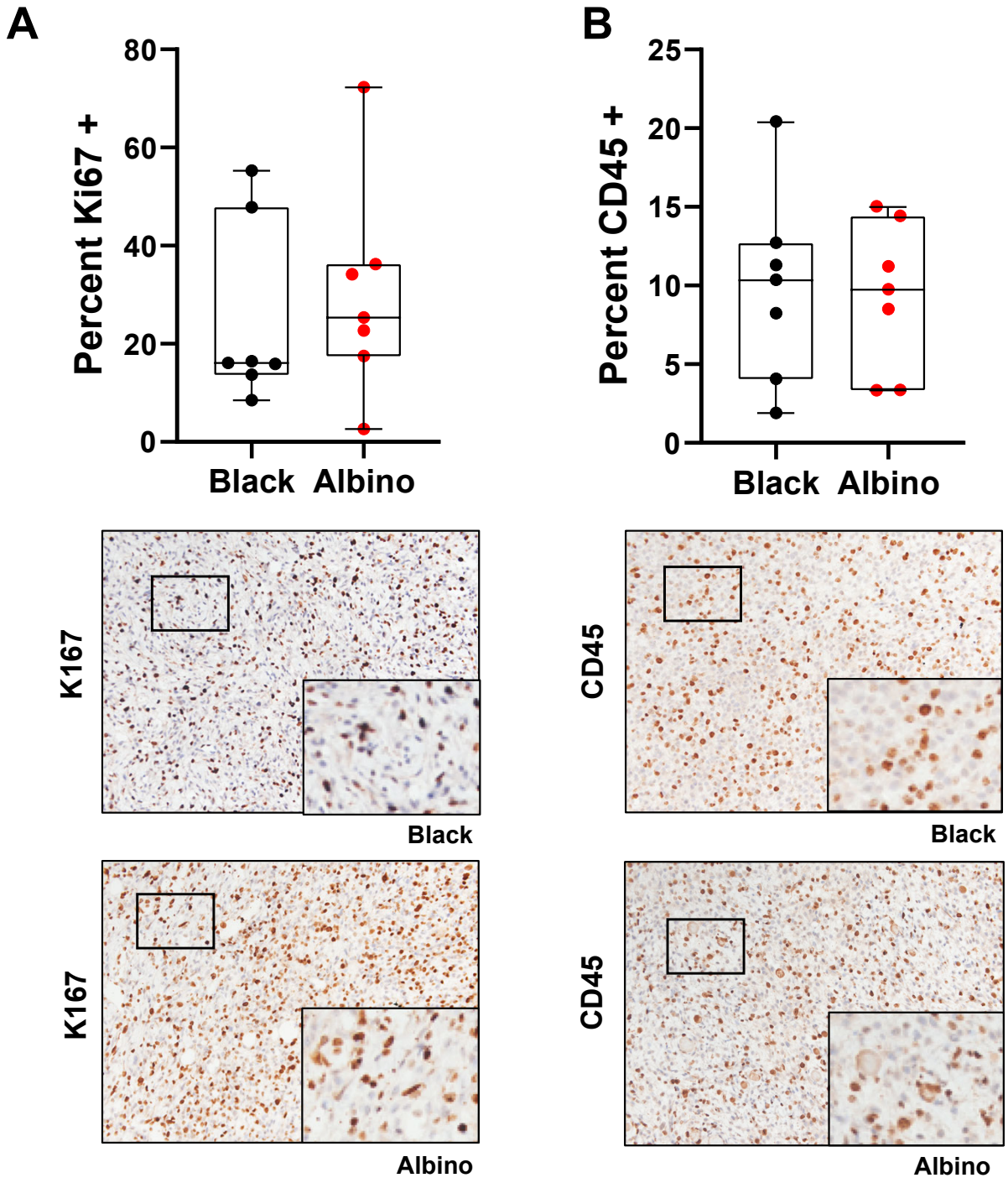
A
Percent Ki67 +
80
60
40
20
0
Black
Albino
B
Percent CD45 +
25
20
15
10
5
0
Black
Albino
K167
Black
CD45
Black
K167
Albino
CD45
Albino

Figure S3

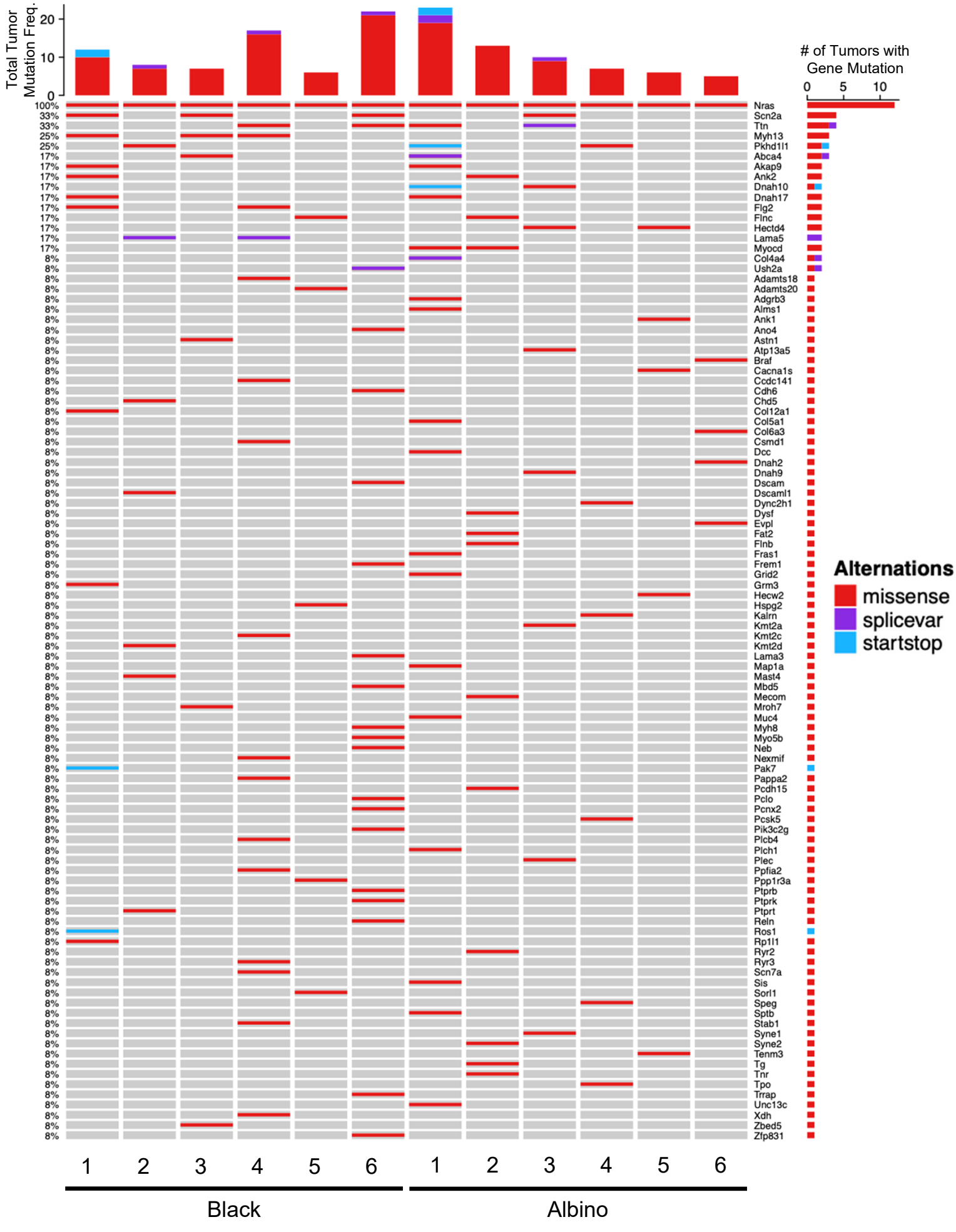
Total Tumor Mutation Freq.
0
10
20
# of Tumors with Gene Mutation
0
5
10
100% Nras
33% Scn2a
33% Ttn
25% Myh13
25% Pkhd1l1
17% Abca4
17% Akap9
17% Ank2
17% Dnah10
17% Dnah17
17% Flg2
17% Flnc
17% Hectd4
17% Lama5
17% Myocd
8% Col4a4
8% Ush2a
8% Adamts18
8% Adamts20
8% Adgrb3
8% Alms1
8% Ank1
8% Ano4
8% Astn1
8% Atp13a5
8% Braf
8% Cacna1s
8% Ccdc141
8% Cdh6
8% Chd5
8% Col12a1
8% Col5a1
8% Col6a3
8% Csmd1
8% Dcc
8% Dnah2
8% Dnah9
8% Dscam
8% Dscaml1
8% Dync2h1
8% Dysf
8% Evpl
8% Fat2
8% Flnb
8% Fras1
8% Frem1
8% Grid2
8% Grm3
8% Hecw2
8% Hspg2
8% Kalrn
8% Kmt2a
8% Kmt2c
8% Kmt2d
8% Lama3
8% Map1a
8% Mast4
8% Mbd5
8% Mecom
8% Mroh7
8% Muc4
8% Myh8
8% Myo5b
8% Neb
8% Nexmif
8% Pak7
8% Pappa2
8% Pcdh15
8% Pclo
8% Pcnx2
8% Pcsk5
8% Pik3c2g
8% Plcb4
8% Plch1
8% Plec
8% Ppfia2
8% Ppp1r3a
8% Ptprb
8% Ptprk
8% Ptprt
8% Reln
8% Ros1
8% Rp1l1
8% Ryr2
8% Ryr3
8% Scn7a
8% Sis
8% Sorl1
8% Speg
8% Sptb
8% Stab1
8% Syne1
8% Syne2
8% Tenm3
8% Tg
8% Tnr
8% Tpo
8% Trrap
8% Unc13c
8% Xdh
8% Zbed5
8% Zfp831
Alternations
missense
splicevar
startstop
1 2 3 4 5 6 1 2 3 4 5 6
Black
Albino

Figure S4