

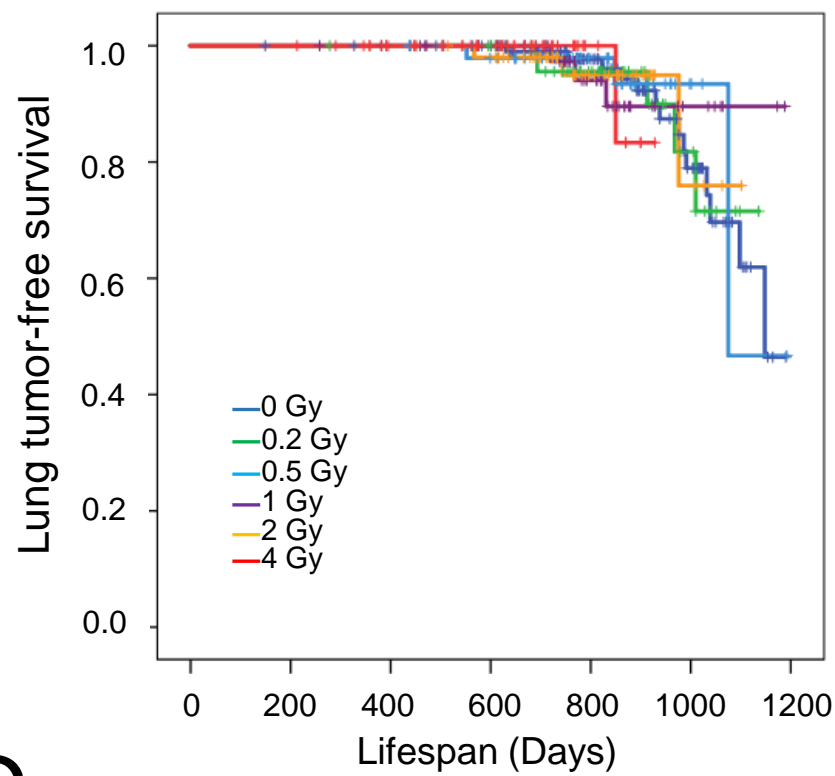
Supplementary Figure 1

Male AD

Female AD

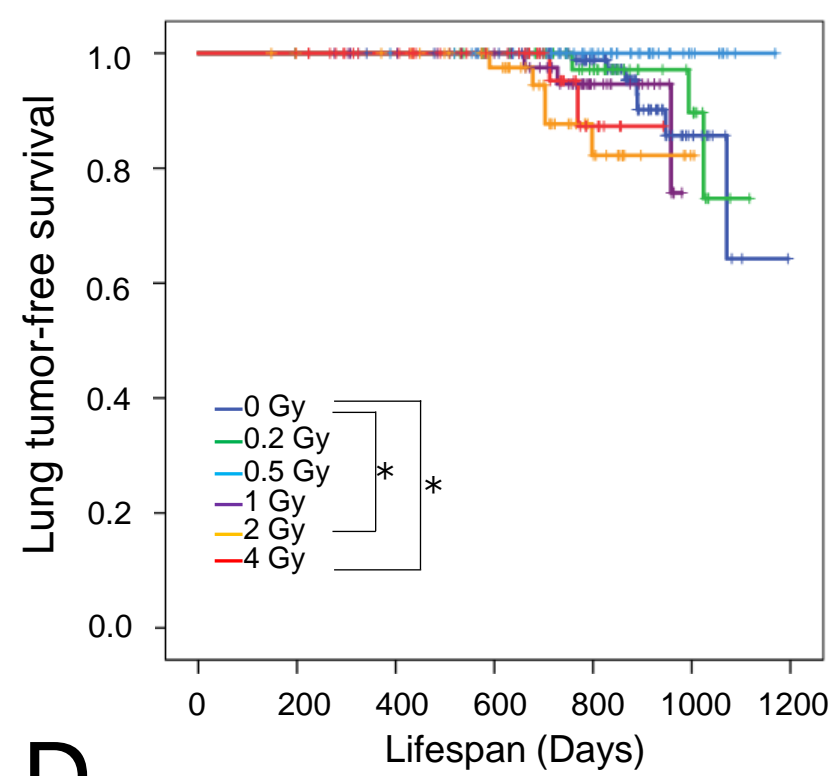
A

Gamma-rays



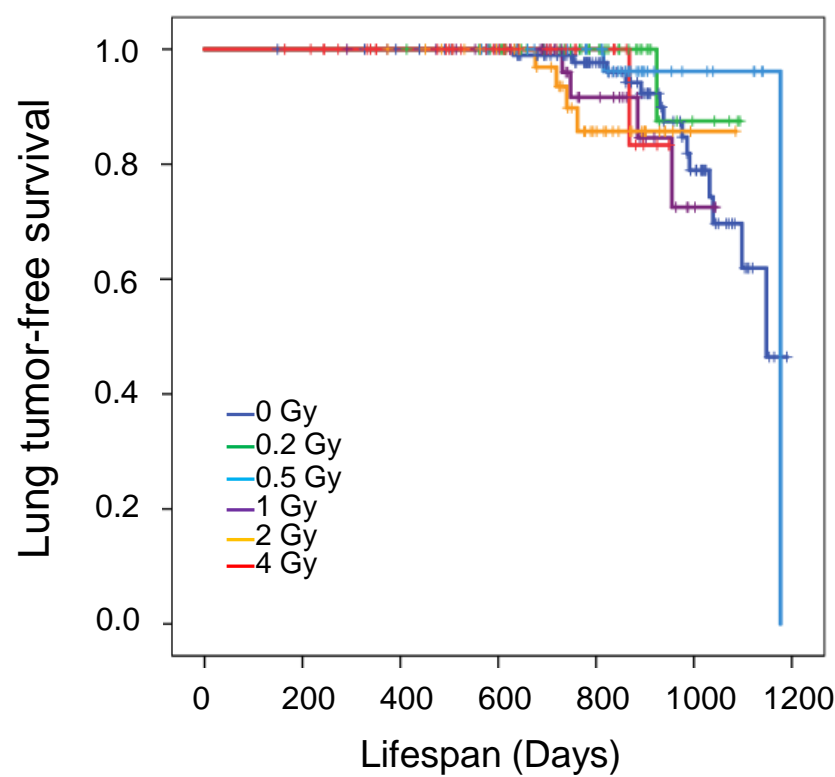
B

Gamma-rays



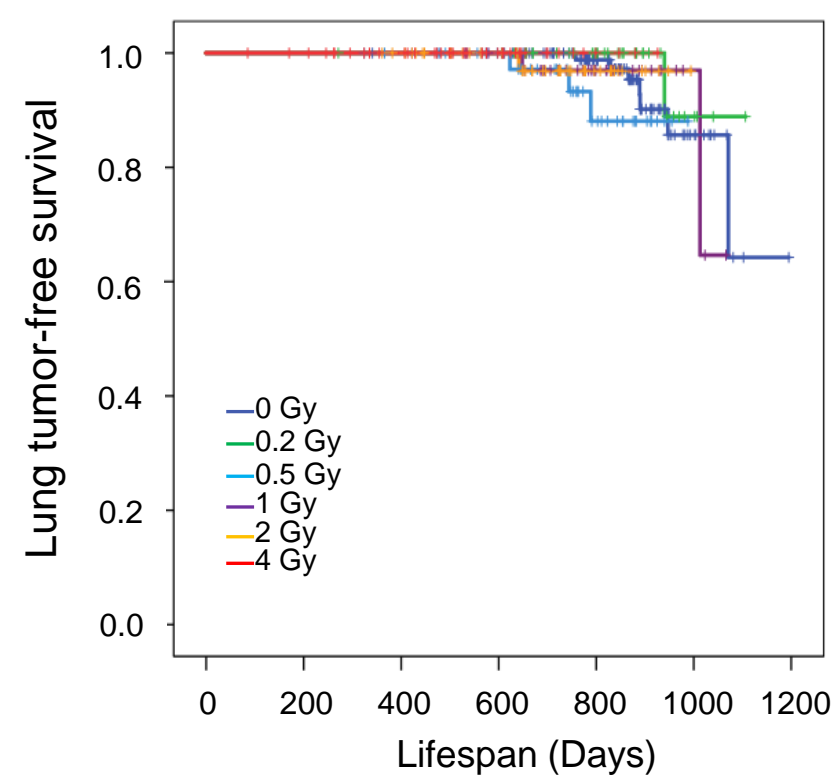
C

Carbon-ions



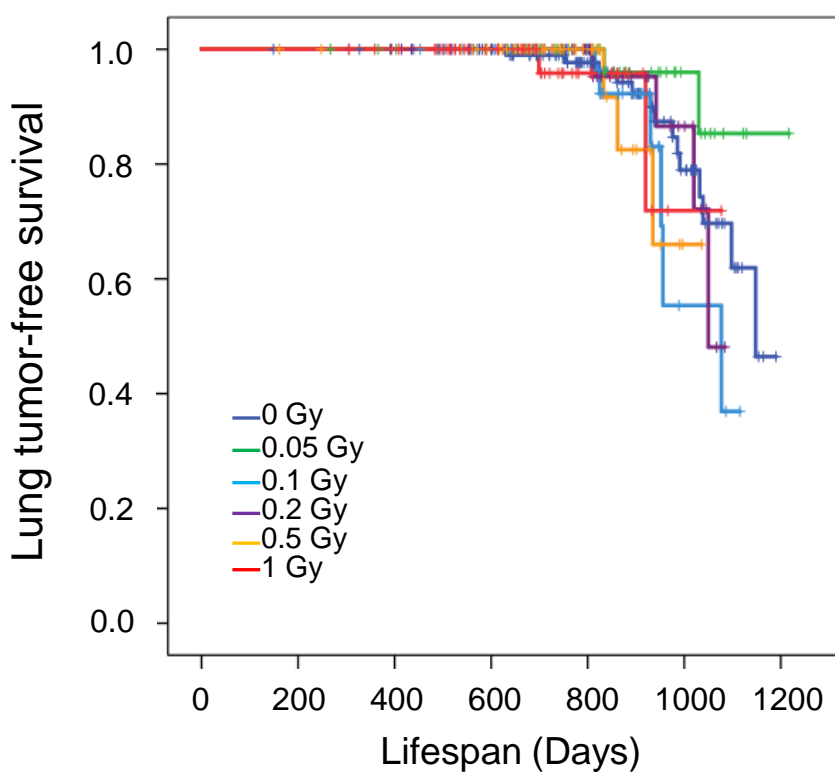
D

Carbon-ions



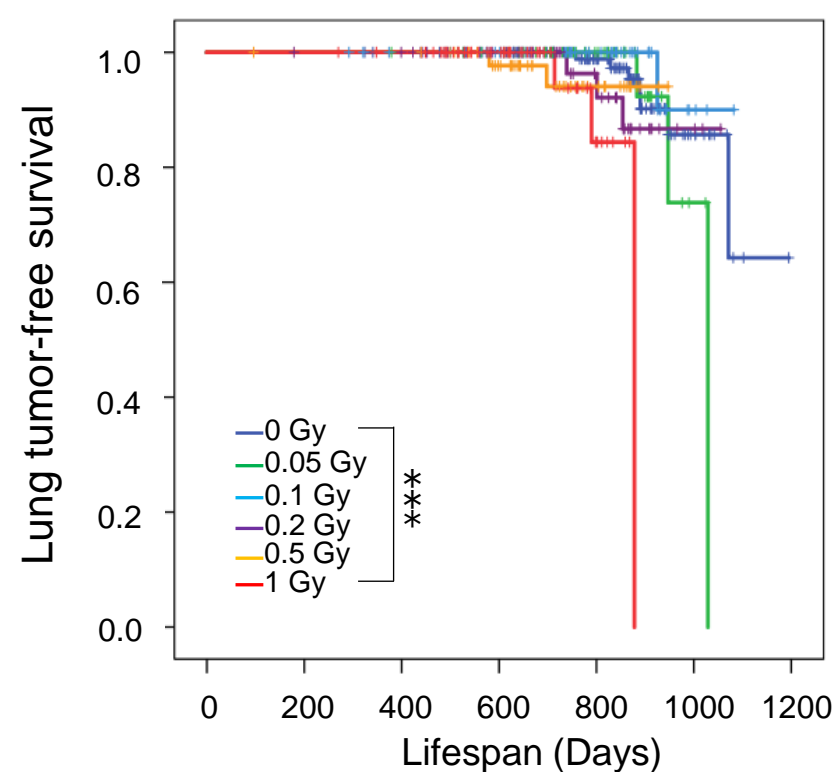
E

Neutrons



F

Neutrons

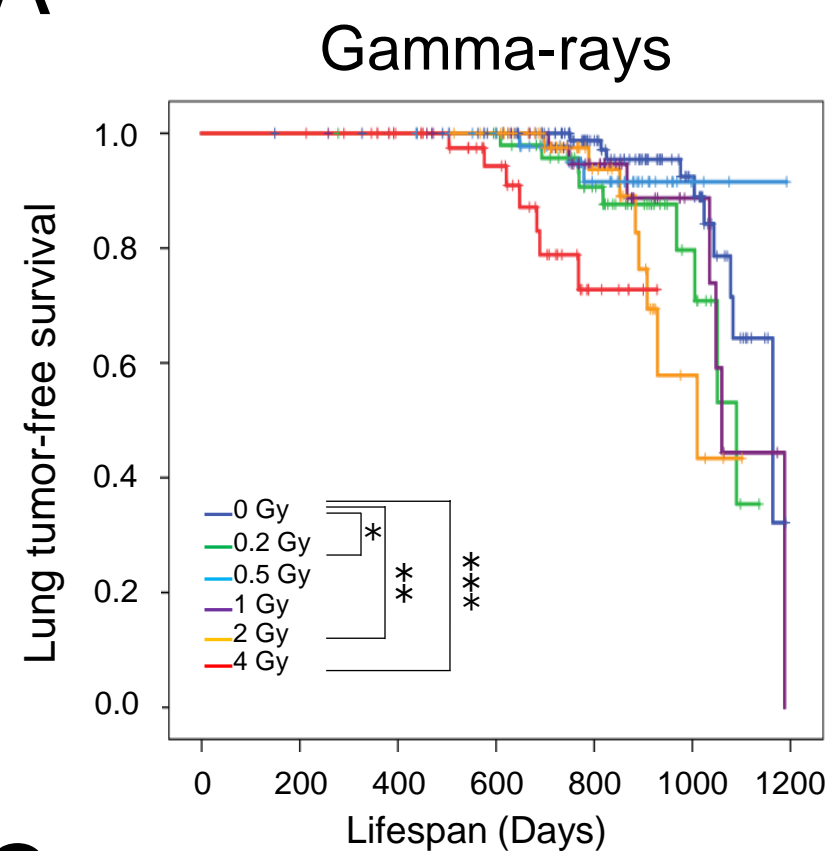


Supplementary Figure 2

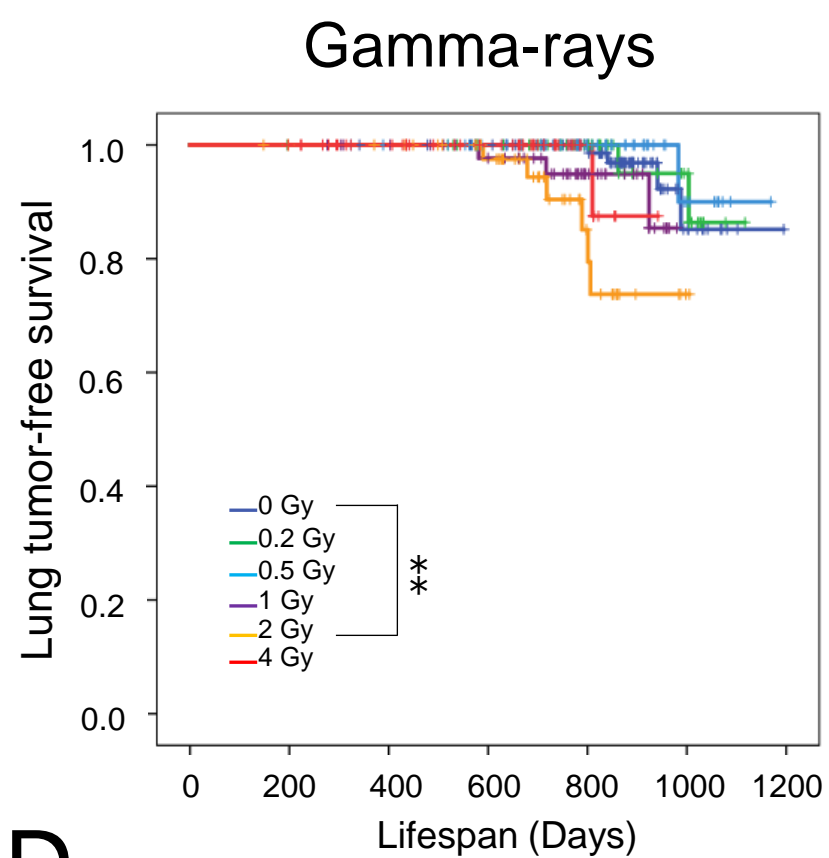
Male AC

Female AC

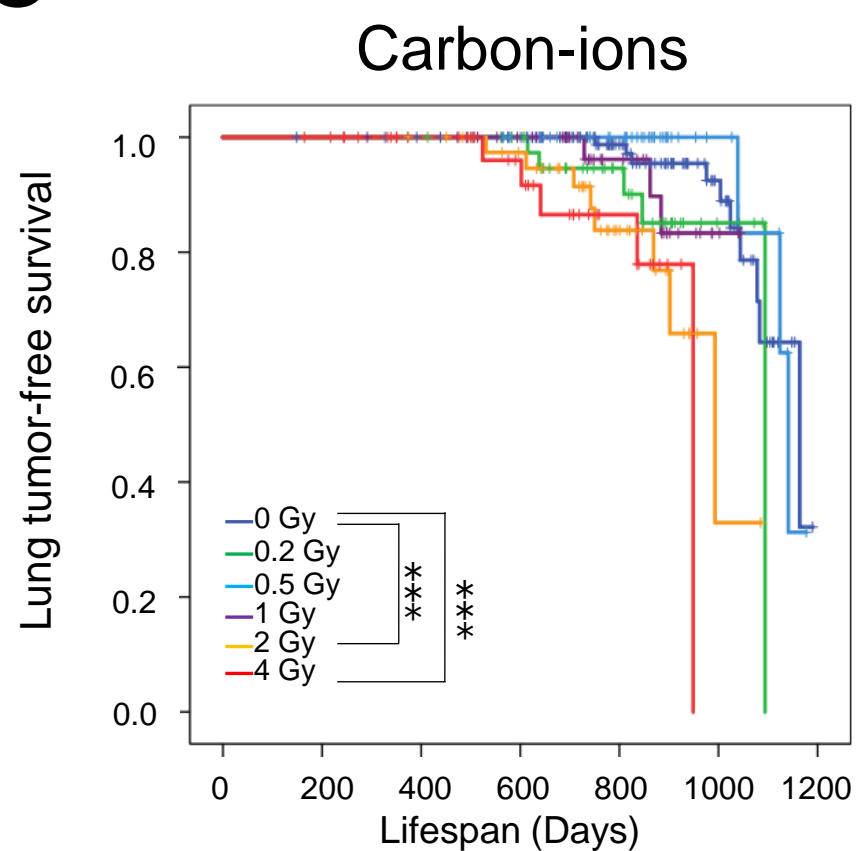
A



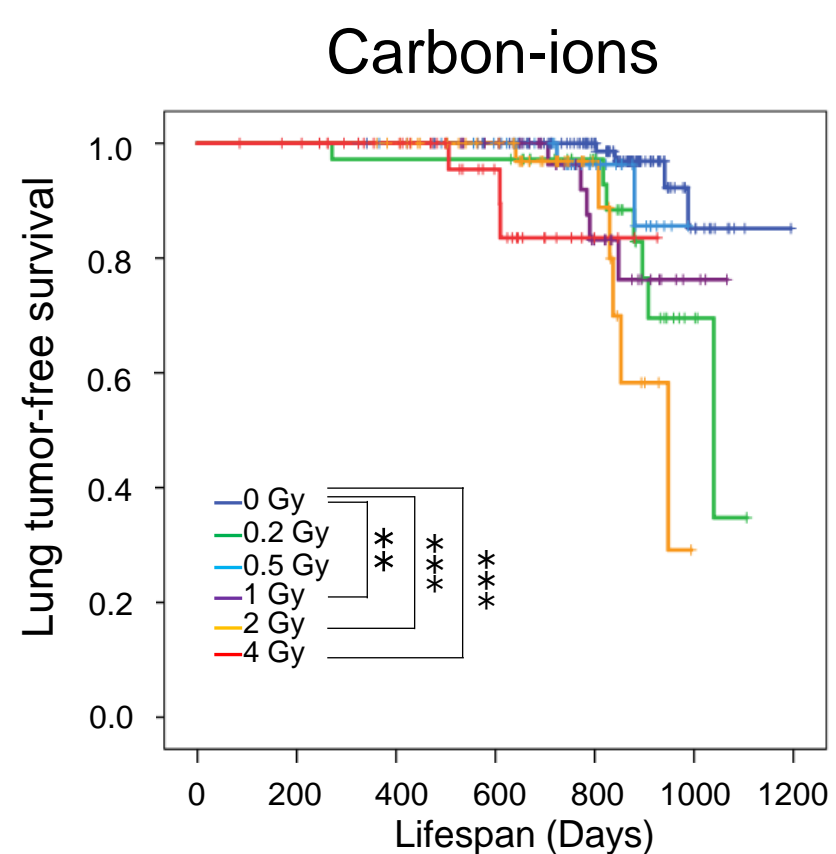
B



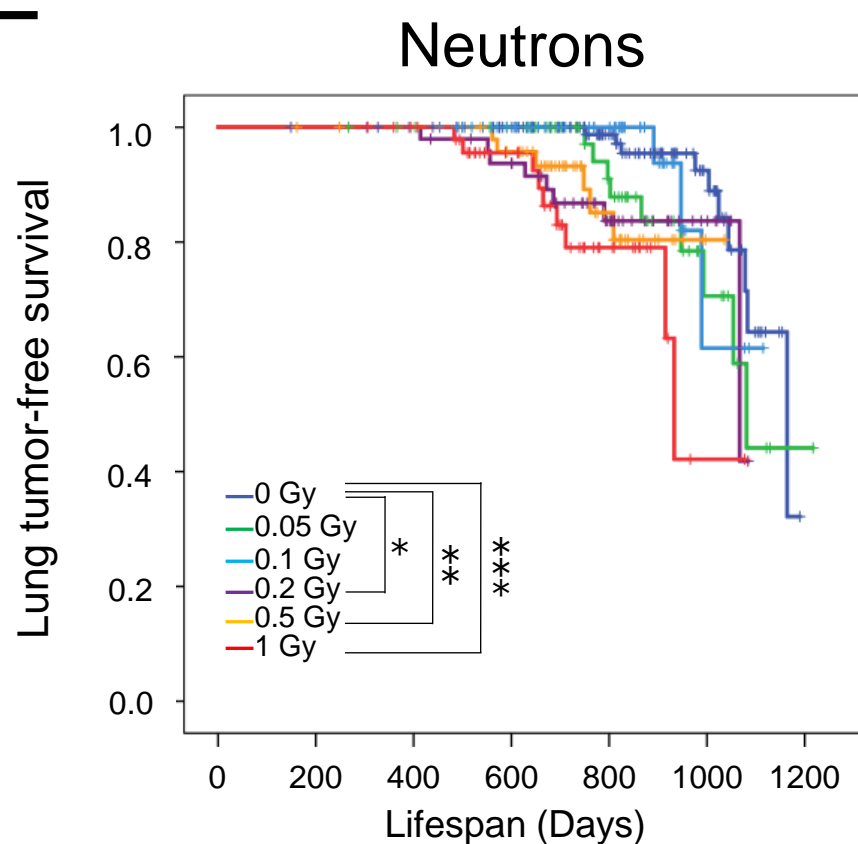
C



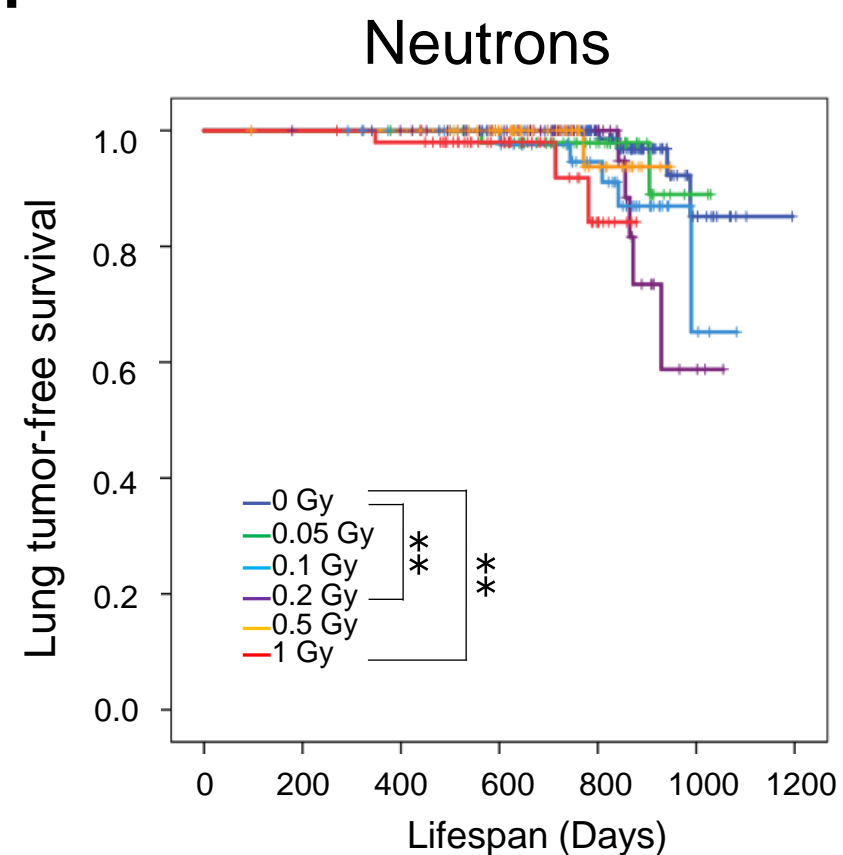
D



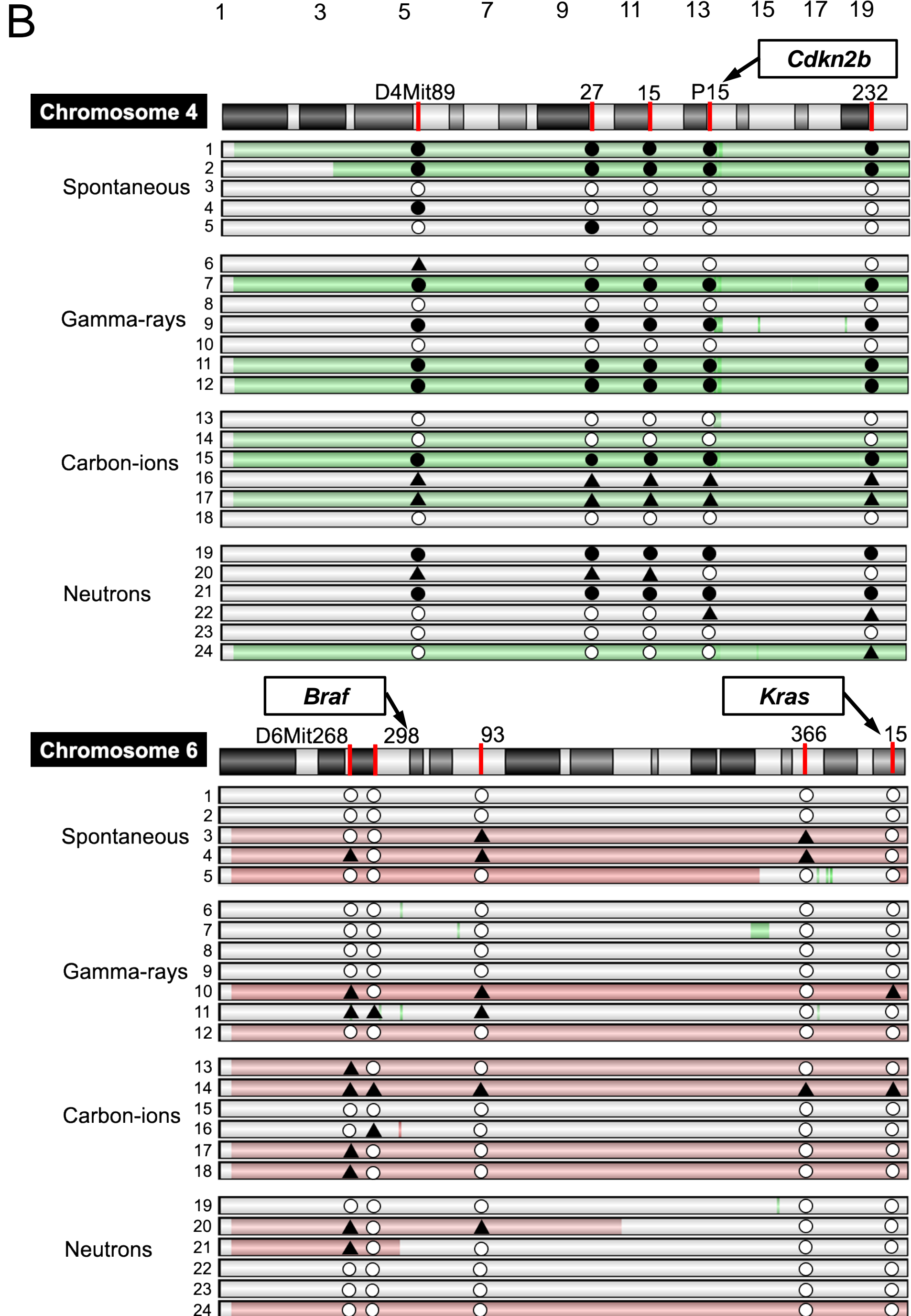
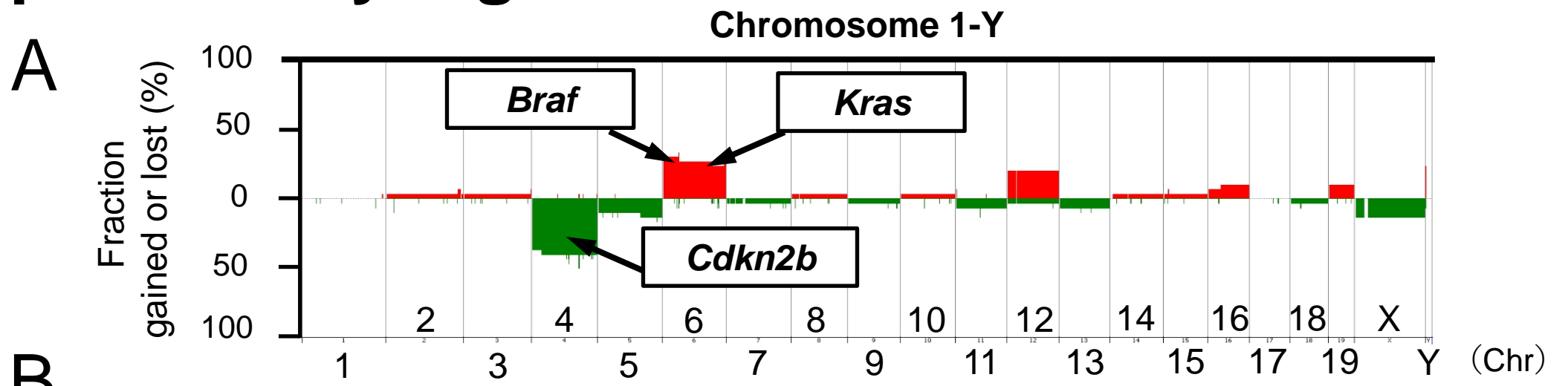
E



F



Supplementary Figure 3



Supplementary Figure 4

