

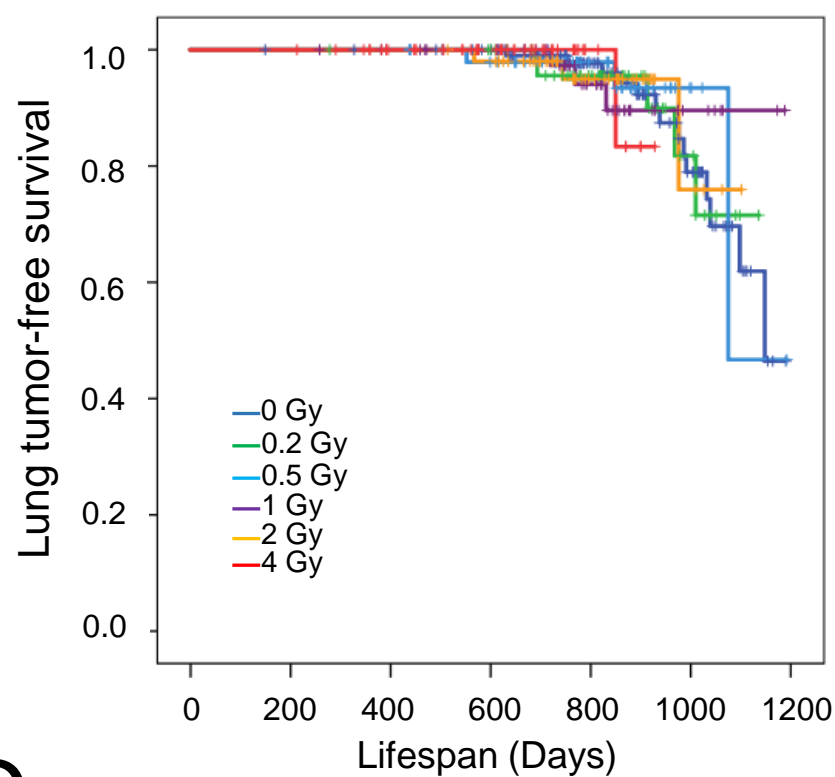
Supplementary Figure 1

Male AD

Female AD

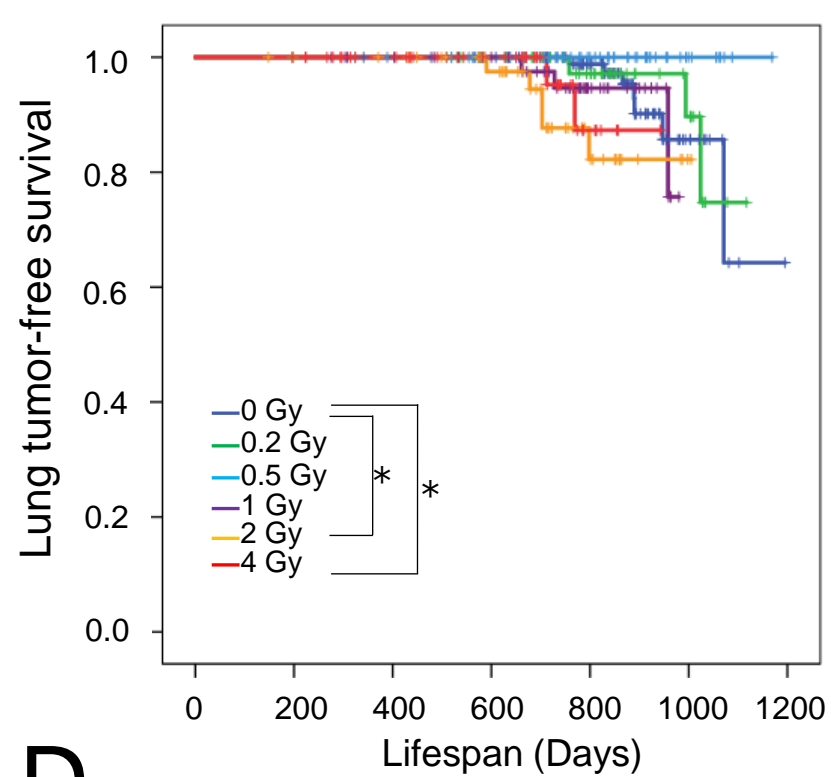
A

Gamma-rays



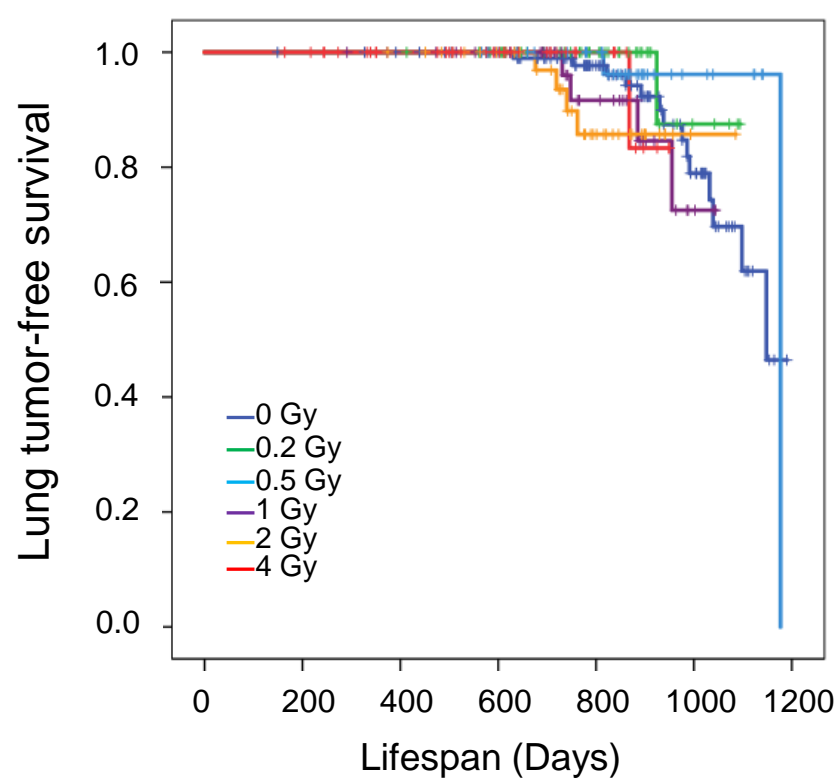
B

Gamma-rays



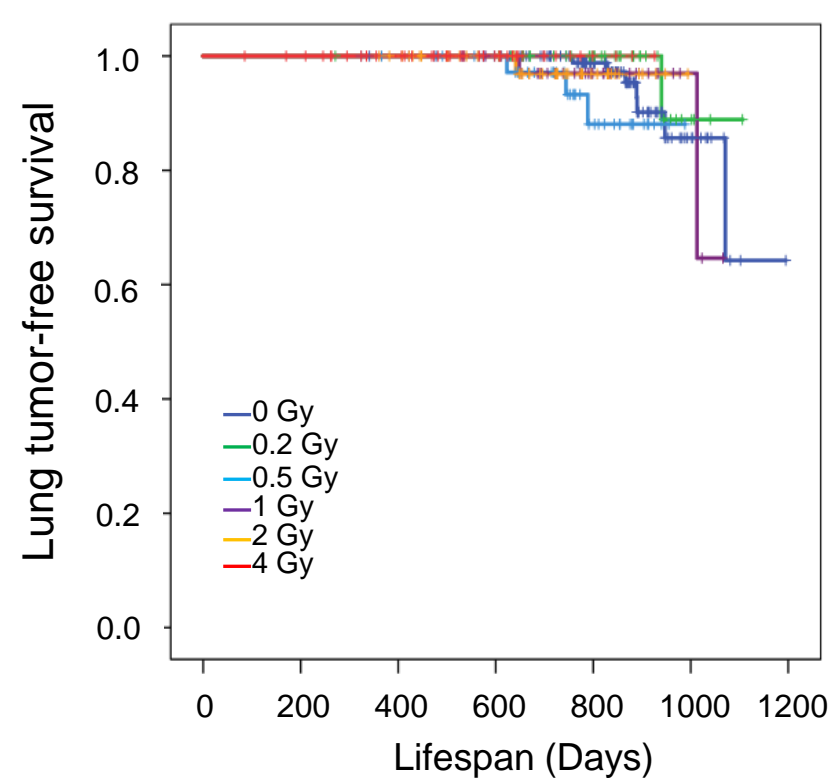
C

Carbon-ions



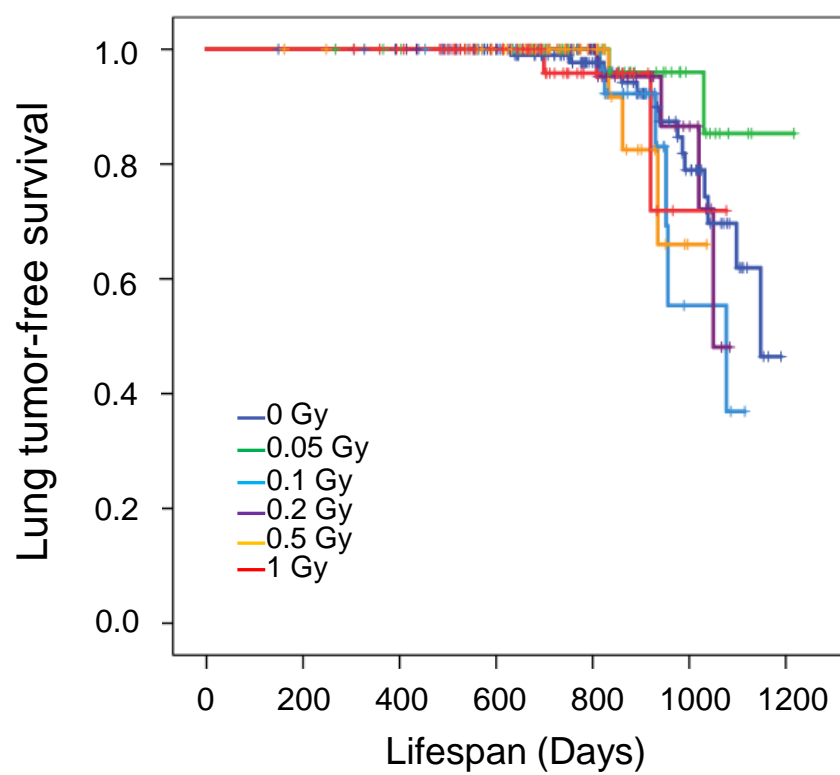
D

Carbon-ions



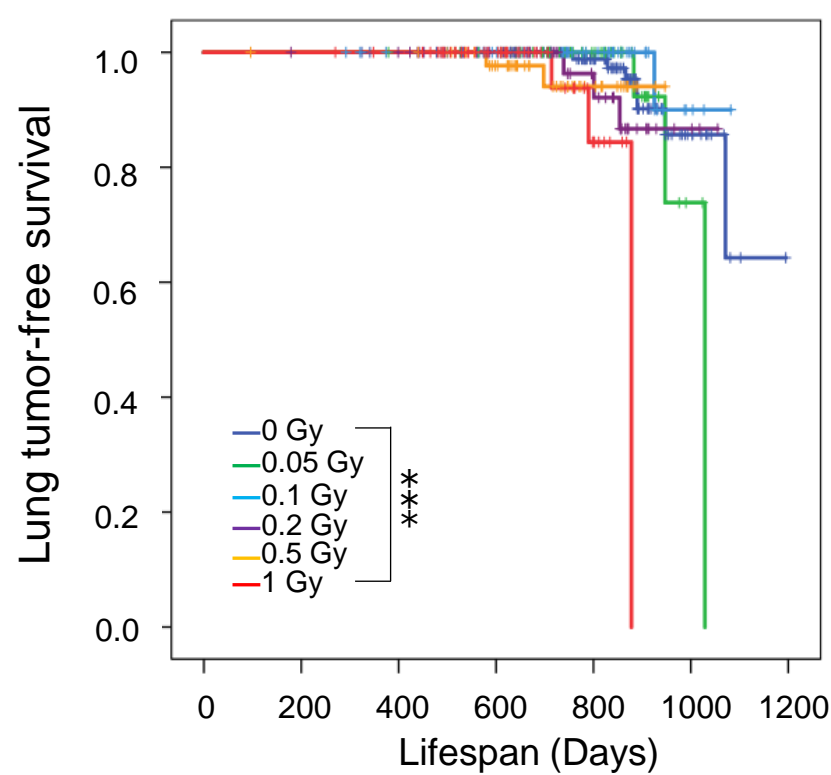
E

Neutrons



F

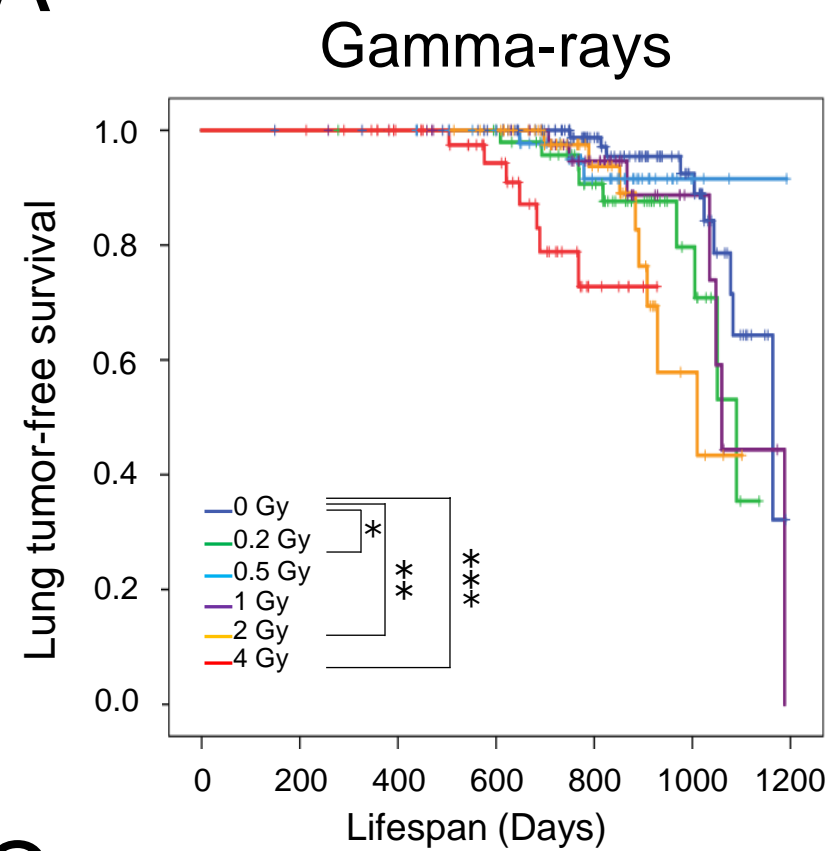
Neutrons



Supplementary Figure 2

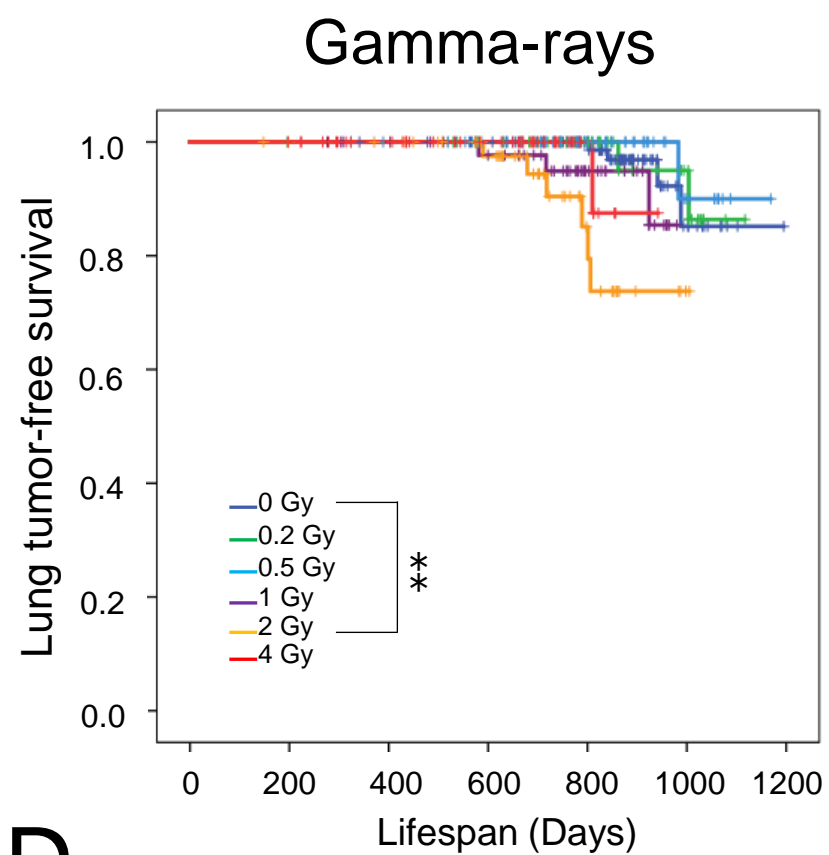
Male AC

A

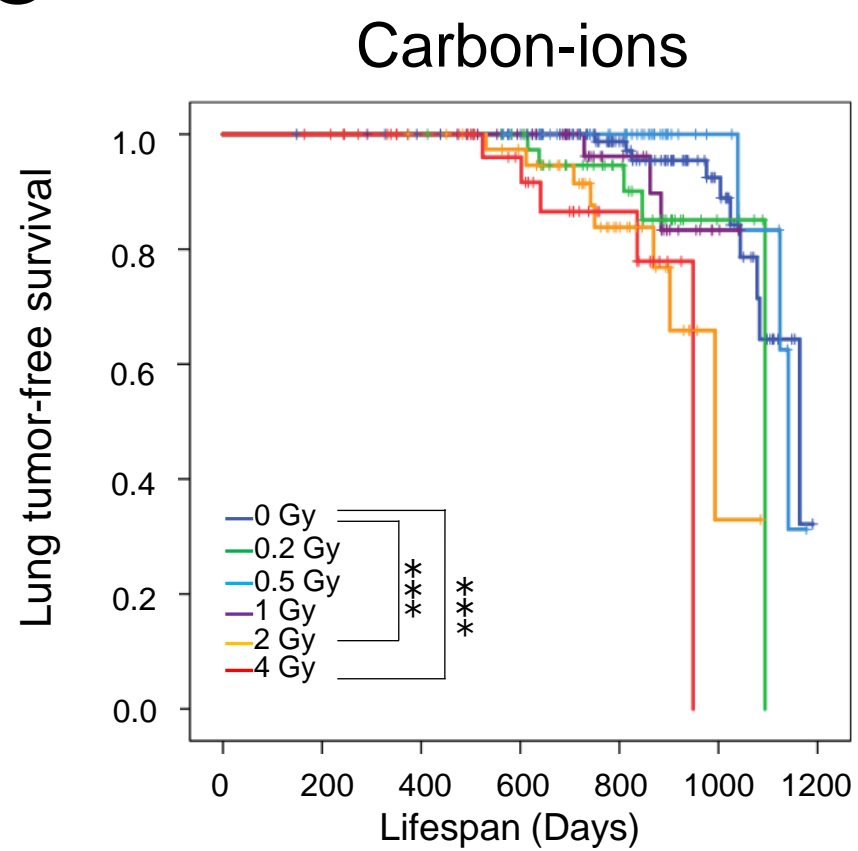


Female AC

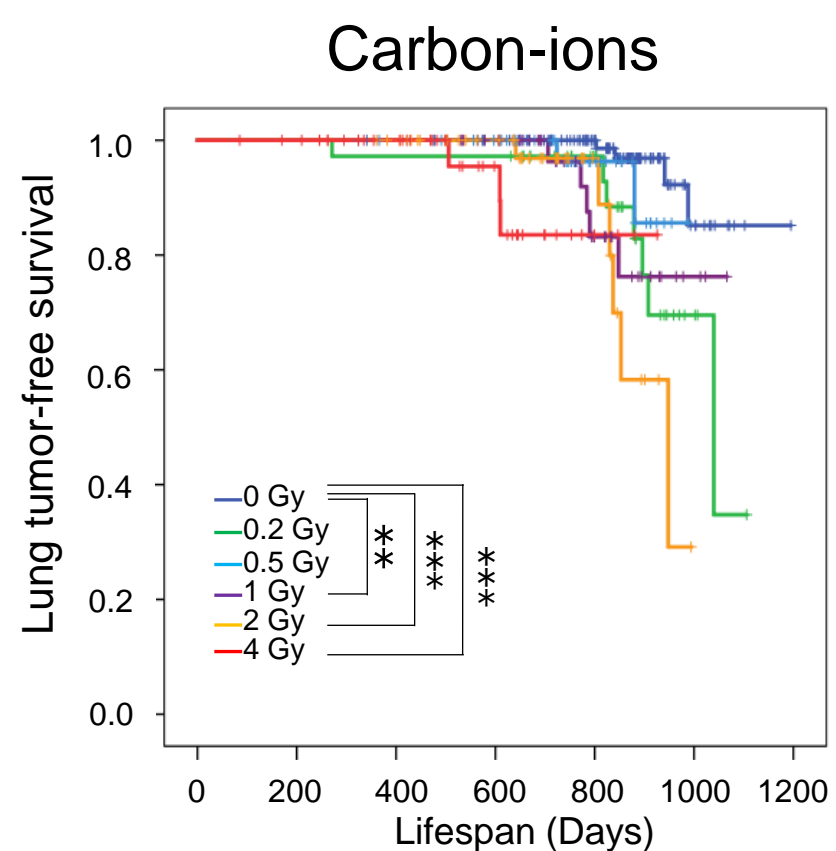
B



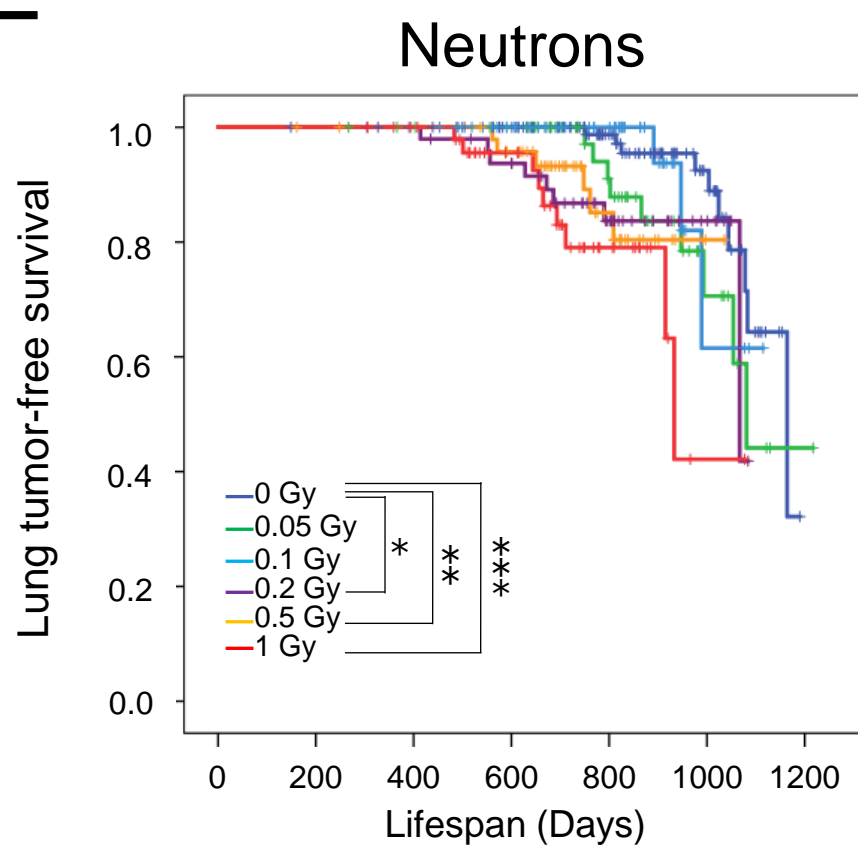
C



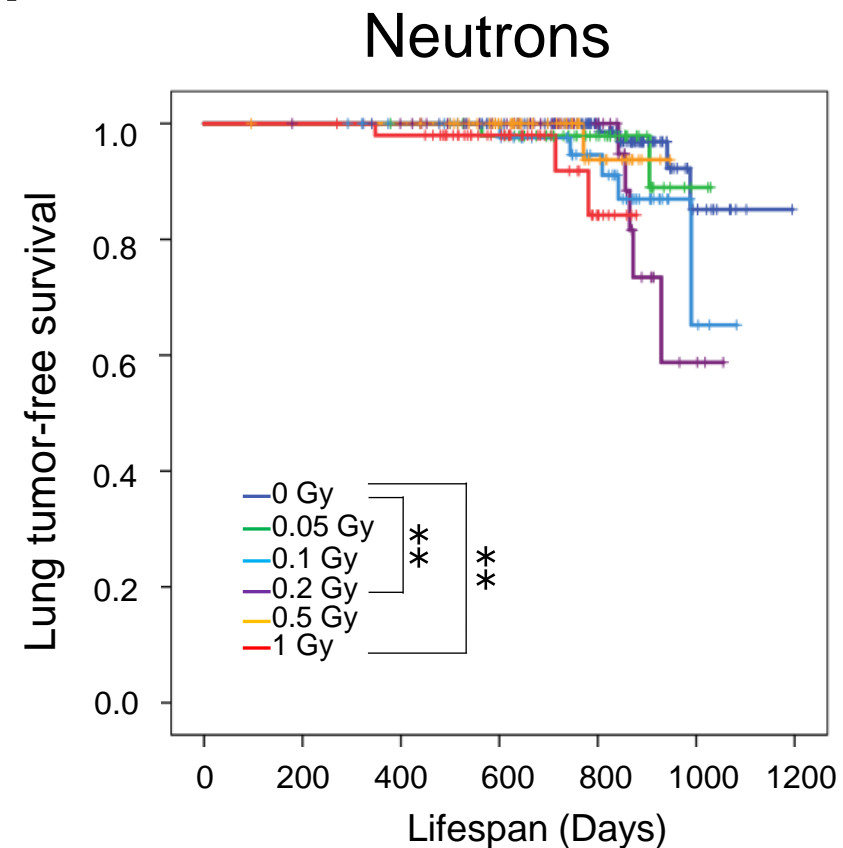
D



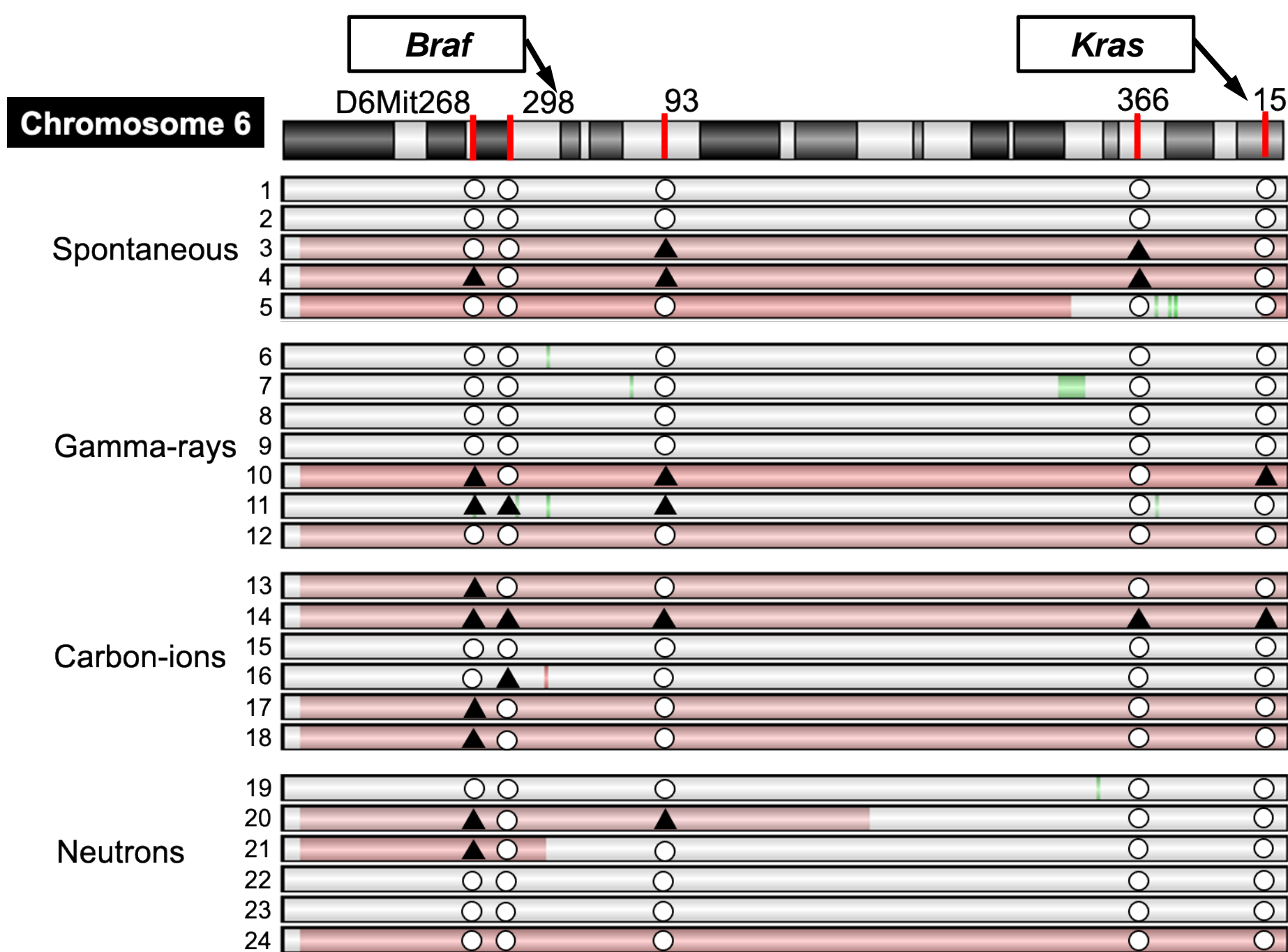
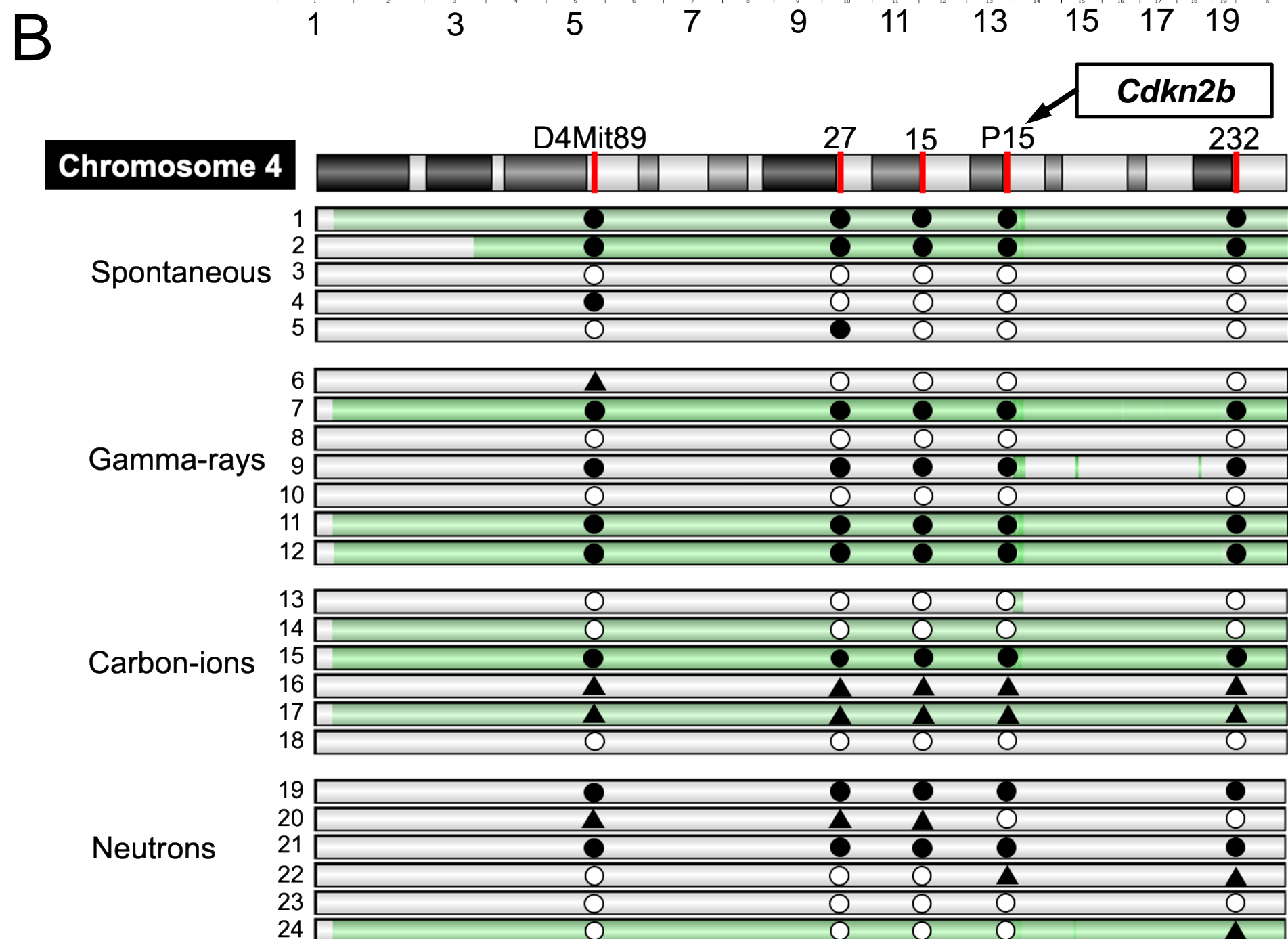
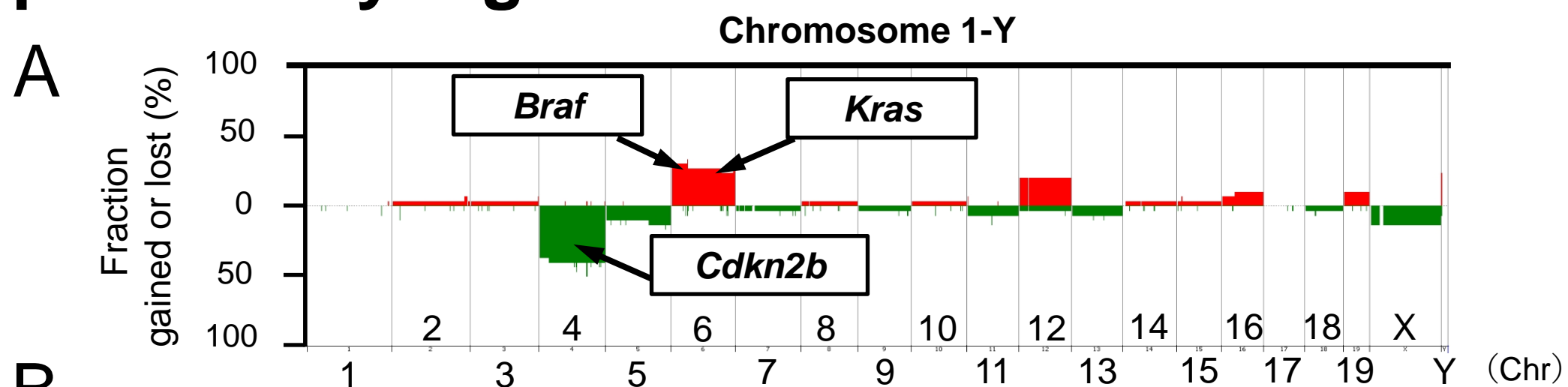
E



F



Supplementary Figure 3



Supplementary Figure 4

