Figure A shows ATL-1 foci/nuclei in various nematode strains with and without DAPI staining. Panels 1-7 display the effects of different mutations: N2(Wt), rad-5(nm159), hus-1(op241), brd-1(dw1), brc-2(tm1086), rad-51(lg08701), and brc-1(tm1145).

Figure B presents a bar graph illustrating the ATL-1 foci/nuclei counts for each strain.

Figure C displays a line graph showing the ATL-1 foci/nuclei over hours post IR(75Gy) for N2(Wt), rad-5(nm159), hus-1(op241), and brc-1(tm1145).

The graphs reveal the impact of radiation on these strains, with significant differences observed in ATL-1 response.

[References] Garcia-Muse and Boulton S.4