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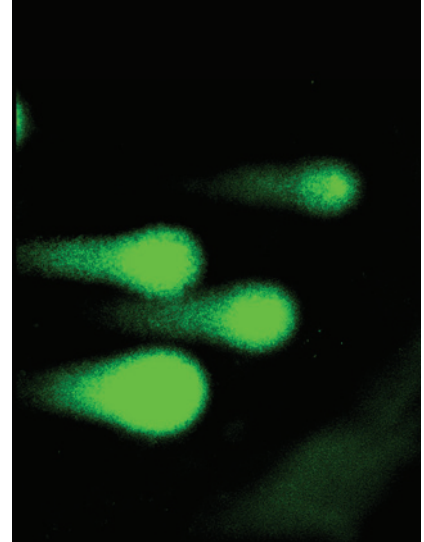
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By combined utilization of the CRISPR/Cas9 system and the high-resolution melting analysis, a screening strategy for non-homologous end joining (NHEJ) inhibitors has been established. One of the hits from a drug library containing 1540 compounds is ouabain, a cardiotonic and antipsychotic agent that has the capacity to restrain NHEJ activity. The frontpage shows the neutral comet assay of HeLa cells treated with X-ray in the presence of ouabain. For more details, see the article by Du and colleagues on page 419.



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