

(digital PCR) OR (dPCR)

	NCT Number	Title	Authors	Description	Identifier	Dates
1	pubmed:36114266	Quantitative analysis of CRISPR/Cas9-mediated provirus deletion in blue egg layer chicken PGCs by digital PCR	Stefanie Altgilbers Claudia Dierks Sabine Klein Steffen Weigend Wilfried A Kues	Primordial germ cells (PGCs), the precursors of sperm and oocytes, pass on the genetic material to the next generation. The previously established culture system of chicken PGCs holds many possibilities for functional genomics studies and the rapid introduction of desired traits. Here, we established a CRISPR/Cas9-mediated genome editing protocol for the genetic modification of PGCs derived from chickens with blue eggshell color. The sequence targeted in the present report is a provirus (EAV-HP)...	pmid:36114266 doi:10.1038/s41598-022-19861-7	Fri, 16 Sep 2022 06:00:00 -0400