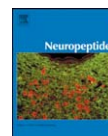


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Key Words; Neuropeptide, enhancer; CAS9/CRISPR; Off-target effects; transgenic mouse; CAS9 mRNA; gRNA; 1-cell mouse embryo; cytoplasmic microinjection; CRISPR design tool; UCSC browser BLAT; PCR; Sanger sequencing.

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