

Mutations introduced into gnrh1 locus by TALEN LR1

GTACCTATTCGCGTGTATAAGTTATTCTGCAATCGCTTATCCAAC TTC normal

GTACCTATTCGCGTGTAT-----CTGCAATCGCTTATCCAAC TTC

GTACCTATTCGCGTGTATAAG-----CTTATCCAAC TTC

GTACCTATTCGCGTGTATA-----TCTGCAATCGCTTATCCAAC TTC

GTACCTATTCGCGTGTATAAG-----CTGCAATCGCTTATCCAAC TTC

GTACCTATTCGCGTGTATAAG-----CGATCGCTTATCCAAC TTC

Blue, TALEN binding sites