

Mutations introduced into gnrh1 locus by TALEN LR2
Method: EF1a>TALEN electroporation

AGCGGGAAATTCGACTctctaaagctgcagaatAATTTCCCTCATCTCG normal

AGCGGGAAATTCGACTCTCTAA-----GAATAATTTCCCTCATCTCG

AGCGGGAAATTCGACTC-----AGAATAATTTCCCTCATCTCG

AGCGGGAAATTCGACT-----AAATAATTTCCCTCTTCTCG

AGCGGGAAATTCGACT-----AAATAATTTCCCTCATCTCG

AGCGGGAAATTCGACTCTCTAAA---CAGAATAATTTCCCTCATCTCG

5/5 = 100% mutated

TALEN binding sites