

Mutations introduced into gnrh1 locus by TALEN LR3  
Method: EF1a>TALEN electroporation

GAACGCTCGCCAGCATtggagctacgagtттаTGCCGGGCGGACGCAG normal

GAACGCTCGCCAGCATTGGAG-----AGTTTATGCCGGGCGGACGCAG

GAACGCTCGCCAGCATTGGAGCT-----TTATGCCGGGCGGACGCAG

GAACGCTCGCCAGCATTAGAG-----TTTATGCCGGGCGGACGCAG

GAACGCTCGCCAGCATTGGAG-----TTTATGCCGGGCGGACGCAG

GAACGCTCGCCAGCATTGGAG-----TTTATGCCGGGCGGACGCAG

GAACGCTCGCCAGCATTGGAGCT-----TATGCCGGGCGGACGCAG

GAACGCTCGCCAGCATTGGAGCGCTCGCCAGCATTGGAGAGTTTATGCCGGGCGGACGCAG

7/7=100%

TALEN binding sites