

*Fgf3* TALENs expressed by *EF1a* promoter.

16/19=84.2% mutated

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ACTCCACGTACTTTTCCATCTTGTGATTCAATAAAATAATGGTTCCTGTTGTAAATCGATACA wt (3)
ACTCCACGTACTTTTCCATCTTGTGATTCAA----ATAATGGTTCCTGTTGTAAATCGATACA -4 (1)
ACTCCACGTACTTTTCCATCTTGTGATTTC---AAATAATGGTTCCTGTTGTAAATCGATACA -4 (1)
ACTCCACGTACTTTTCCATCTTGTGTA-----AAAATAATGGTTCCTGTTGTAAATCGATACA -7 (2)
ACTCCACGTACTTTTCCATCTTGTGTA-----AAATAATGGTTCCTGTTGTAAATCGATACA -8 (2)
ACTCCACGTACTTTTCCATCTTGTGATTT-----AATGGTTCCTGTTGTAAATCGATACA -9 (1)
ACTCCACGTACTTTTCCATCTTGTGTA-----AATAATGGTTCCTGTTGTAAATCGATACA -9 (2)
ACTCCACGTACTTTTCCATCTTGTGTA-----ATAATGGTTCCTGTTGTAAATCGATACA -10 (1)
ACTCCACGTACTTTTCCATCTTGTGATT-----AATGGTTCCTGTTGTAAATCGATACA -10 (2)
ACTCCACGTACTTTTCCATATTGTAAGAT-----TGGTTCCTGTTGTAAATCGATACA -13 (1)
ACTCCACGTACTTTTCCATCTTGTG-----AAATAATGGTTCCTGTTGTAAATCGATACA -9 +1 (1)
ACTCCACGTACTTTTCCATCTTGTGATTGAAATTGAAAATAATGGTTCCTGTTGTAAATCGATACA +3 (1)
ACTCCACGTACTTTTCCATCTTGTGATTTAAACGTAAATAAAAACCTTGACCGTCTTACCCATAACTC
CCACGTACTTTTCCATCTTGTGAAACGGTAAACGTAAATAAAAACCTTGACCGTCTTACCCAAATATATA
AAAACACAATAATGGTTCCTGTTGTAAATCGATACA +111 (1)
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Blue, binding site of TALENs.

The number in the parentheses shows the number of the sequence appearance.

wt, un-mutated sequence.