

↗ Intron 3
↗ mU50
WT gtgagtgggtgctctgttttgttttctgctgagcttactgtcggttgggtctag **TCTATGATGATCCTATCCC**

ΔmU50 gtgagtgggtgctctgttttgttttctgctgagcttactgtcggttgggtctag **atcgataagcttgatatcg**
EcoRV

GAACCTGAATTCTGTGAAAAACCATAATTACGGATCTGGCTTCTGAGatggaccattgcaaaggacta

aattcctgcagcccggggatccactagttctagagcgcgcgatcgatatggaccattgcaaaggacta

↗ Exon 4
 ttgtgttcttctttaatgttggcaatgacgtaatgcctgtgttttgttttatattttag **GGCCAGTCA**

 ttgtgttcttctttaatgttggcaatgacgtaatgcctgtgttttgttttatattttag **GGCCAGTCA**

↗ Intron 4
CACAAGAACTTGGCAGAGATGCCAGTCCGCCTGTGAAGATCCTGCAGCAGGAGTGCATgtgagtgggtgct

CACAAGAACTTGGCAGAGATGCCAGTCCGCCTGTGAAGATCCTGCAGCAGGAGTGCATgtgagtgggtgct

↗ mU50
 ctgttttgttttctgctgagcttactgtcggttgggtctag **TCTATGATGATCCTATCCCGAACCTGAATTC**

 ctgttttgttttctgctgagctta**aagcttgatgggtaccgagcgaacgcgtataacttcgtagata**
↘ Lox P

CTGTTGAAAAACCATACTTACGGATCTGGCTTCTGAGatggaccattgcaaaggactattgtgttct...

cattatacgaagttatctcgagtcgctcgaattcctgcagcccggtgcaaaggactattgtgttct...