

Construct	Direction	Primer (5' to 3')
ΔN	Forward	ACCGCGAACAGATTGGTGGCGGCCACTTTTCGGTGCTGCT
	Reverse	CTTCTCGAGGAGAGTTTAGATTACTTGGCTGCGGCTGGCG
ΔN10	Forward	TGGCTGCGCCGCGCCTCG
	Reverse	CGAGGCGCGGCGCAGCCAGCCACCAATCTGTTTCGCGGT
ΔN11	Forward	CACCGCGAACAGATTGGTGGCCTGCGCCGCGCCTCGGC
	Reverse	CTTCTCGAGGAGAGTTTAGATTACTTGGCTGCGGCTGGCG
Δ11-20	Forward	GGACTTTTCGGCGCCCGGAC
	Reverse	CGTCCGGGCGCCGAAAGTCCAGACGGCTGCACAGGCACAG
Δ21-30	Forward	CAGCGCTTCGGCGAGGGG
	Reverse	CCCCTCGCCGAAGCGCTGGGGCAACGGGGCCGAGGC
Δ31-40	Forward	GAGCTGGCTGCGCTCTGCC
	Reverse	GGCAGAGCGCAGCCAGCTCGTCAAAGAGGCGTCCGGGGC
Δ41-50	Forward	GCCCCCTACTACCTGCGCG
	Reverse	CGCGCAGGTAGTAGGGGGCGGCCTCCAGCAGCCCCCTC
Δ51-60	Forward	GCGCTGCCCCGTGCCCCAG
	Reverse	CTGGGCGACGGGCAGCGCGAGCGTGGTGGGGCAGAGC
Δ61-70	Forward	CCCGGCCACTTTTCGGTGC
	Reverse	GCACCGAAAAGTGGCCGGGCACGCTGGGTGCGCGCAG
Δ31-35	Forward	GGGCTGCTGGAGGCCGAG
	Reverse	CTCGGCCTCCAGCAGCCCGTCAAAGAGGCGTCCGGGC
Δ36-40	Forward	GAGCTGGCTGCGCTCTGCC
	Reverse	GGCAGAGCGCAGCCAGCTCCTCGCCGAAGCGCTGGTCA
Q31A	Forward	CCTCTTTGACGCGCGCTTCGGC
	Reverse	GCCGAAGCGCGCGTCAAAGAGG
Q31L	Forward	CTCTTTGACCTGCGCTTCGGC
	Reverse	GCCGAAGCGCAGGTCAAAGAG
F33A	Forward	GACCAGCGCGCCGGCGAGGG
	Reverse	CCCTCGCCGGCGCGCTGGTC
F33Y	Forward	GACCAGCGCTACGGCGAGGG
	Reverse	CCCTCGCCGTAGCGCTGGTC