

Construct Direction 5'---->3'

Random Right Primers

Forward ACTAGTTACAAAAATTAGC
Reverse GACGTCGAGACGG

A-Tail Length

Quick Change Mut. M1	Forward	CTAACTGACACACATTCCACACGCGTGTGAAAAAAAAAAAAAAAAAAAA
	Reverse	TTTTTTTTTTTTTTTTTTGAGACGCGTGTGGAATGTGTGTCAGTTAG
A0	Forward	CGCGTCTCTTTTGGCG
	Reverse	AATTCGGCAAAAAGAGA
A10	Forward	CGCGTCTCAAAAAAAAAAATTTTGGCG
	Reverse	AATTCGGCAAAAATTTTTTTTTTTGAGA
A20	Forward	CGCGTCTCAAAAAAAAAAAAAAAAAAATTTTGGCG
	Reverse	AATTCGGCAAAAATTTTTTTTTTTTTTTTTTTGAGA
A30	Forward	CGCGTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAATTTTGGCG
	Reverse	AATTCGGCAAAAATTTTTTTTTTTTTTTTTTTTTTTTTTTGAGA
A40	Forward	CGCGTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAATTTTGGCG
	Reverse	AATTCGGCAAAAATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGAGA
A50	Forward	CGCGTCTC(A) ₅₀ TTTTGGCG
	Reverse	AATTCGGCAAAA(T) ₅₀ GAGA
A80	Forward	CGCGTCTC(A) ₈₀ TTTTGGCG
	Reverse	AATTCGGCAAAA(T) ₈₀ GAGA

A-Tail Heterogeneity

A14T	Forward	CGCGTCTCAAAAAAAAAAAATAAAAAAAAAAAAAAAAAAATTTTGGCG
	Reverse	AATTCGGCAAAAATTTTTTTTTTTTTTATTTTTTTTTTTTTGAGA
A9TA9G	Forward	CGCGTCTCAAAAAAAAAATAAAAAAAAAAGAAAAAAAAAATTTTGGCG
	Reverse	AATTCGGCAAAAATTTTTTTTTCTTTTTTTTTATTTTTTTTTGAGA

A7TA7G	Forward	CGCGTCTCAAAAAAATAAAAAAGAAAAATAAAAAATTTTTGCCG
	Reverse	AATTCGGCAAAAATTTTTTATTTTTCTTTTTATTTTTTGAGA
A5TA5G	Forward	CGCGTCTCAAAAAATAAAAAGAAAAATAAAAAGAAAAATTTTTGCCG
	Reverse	AATTCGGCAAAAATTTTTCTTTTTATTTTTCTTTTTATTTTTGAGA
A3T	Forward	CGCGTCTCAAATAAATAAATAAATAAATAAATAAATAAATTTTTGCCG
	Reverse	AATTCGGCAAAAATTATTTATTTATTTATTTATTTATTTATTTGAGA
A3C	Forward	CGCGTCTCAAACAAACAAACAAACAAACAAACAAACAATTTTTGCCG
	Reverse	AATTCGGCAAAAATTGTTTGTTTGTTTGTTTGTTTGTTTGTTTGAGA
A3TA3C	Forward	CGCGTCTCAAATAAACAAATAAACAAATAAACAAATAAATTTTTGCCG
	Reverse	AATTCGGCAAAAATTATTTGTTTATTTGTTTATTTGTTTATTTGAGA
A3TC	Forward	CGCGTCTCAAATCAAATCAAATCAAATCAAATCAAATCTTTTTGCCG
	Reverse	AATTCGGCAAAAAGATTTGATTTGATTTGATTTGATTTGATTTGAGA
A3TCTC	Forward	CGCGTCTCAAATCTCAAATCTCAAATCTCAAATCTCAATTTTTGCCG
	Reverse	AATTCGGCAAAAATTGAGATTTGAGATTTGAGATTTGAGATTTGAGA
A14TCTCTCT	Forward	CGCGTCTCAAAAAAAAAAAAAATCTCTCTAAAAAAAAAATTTTTGCCG
	Reverse	AATTCGGCAAAAATTTTTTTTAGAGAGATTTTTTTTTTTTTTGAGA
A5TC	Forward	CGCGTCTCAAAAATCAAAAATCAAAAATCAAAAATCAATTTTTGCCG
	Reverse	AATTCGGCAAAAATTGATTTTTGATTTTTGATTTTTGATTTTTGAGA
A5TCTC	Forward	CGCGTCTCAAAAATCTCAAAAATCTCAAAAATCTCAAATTTTTGCCG
	Reverse	AATTCGGCAAAAATTTGAGATTTTTGAGATTTTTGAGATTTTTGAGA
A5C	Forward	CGCGTCTCAAAAACAAAAACAAAAACAAAAACAAAAACTTTTTGCCG
	Reverse	AATTCGGCAAAAAGTTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGAGA
A5G	Forward	CGCGTCTCAAAAAGAAAAAGAAAAAGAAAAAGAAAAAGTTTTGCCG
	Reverse	AATTCGGCAAAAACTTTTCTTTTTCTTTTTCTTTTTCTTTTTGAGA
3' Unique Region		
Introduce EcoRI and	Forward	CGCGTCTC(A) ₃₀ GAATTCACATCGATCCCCACCCCATATGAGA
	Reverse	AATTTCTCATATGGGGTGGGGATCGATGTGGGGGAATTC(T) ₃₀ GAGA
30-15	Forward	AATTCGCCCTTGAATTTTTTCA

	Reverse	TATGAAAAAATTCAAGGGCG
30-38	Forward	CCCGAATTCAGAAAATATAGACCAATATTTGTCCTTTTT
	Reverse	CCCCATATGAAAAAGGACAAATATTGGTCTATATTTTCT
30-45	Forward	CCCGAATTCTAATACAAAAGCAAAAAGCATAAAGATCATTTTT
	Reverse	CCCCATATGAAAAATGATCTTTTATGCTTTTTTGCTTTTGTATT
30-70	Forward	GAATTCTAGGTACATGCAAATTTATTT
	Reverse	CCCCATATGAAAAATTATTAATAGCACAGGG
30-126	Forward	GAATTCTAAAATAAAATCCCTTATAC
	Reverse	CCCCATATGAAAACTAAATCTGTTTTGAAGC

