

## ShineGene RAPD 10-mer Sets(0.5OD/tube)

RAPD 10-mer Set A		RAPD 10-mer Set B	
Tube A-01	5'-CAGGCCCTTC-3'	Tube B-01	5'-GTTTCGCTCC-3'
Tube A-02	5'-TGCCGAGCTG-3'	Tube B-02	5'-TGATCCCTGG-3'
Tube A-03	5'-AGTCAGCCAC-3'	Tube B-03	5'-CATCCCCCTG-3'
Tube A-04	5'-AATCGGGCTG-3'	Tube B-04	5'-GGACTGGAGT-3'
Tube A-05	5'-AGGGGTCTTG-3'	Tube B-05	5'-TGCGCCCTTC-3'
Tube A-06	5'-GGTCCCTGAC-3'	Tube B-06	5'-TGCTCTGCCC-3'
Tube A-07	5'-GAAACGGGTG-3'	Tube B-07	5'-GGTGACGCAG-3'
Tube A-08	5'-GTGACGTAGG-3'	Tube B-08	5'-GTCCACACGG-3'
Tube A-09	5'-GGGTAACGCC-3'	Tube B-09	5'-TGGGGGACTC-3'
Tube A-10	5'-GTGATCGCAG-3'	Tube B-10	5'-CTGCTGGGAC-3'
Tube A-11	5'-CAATCGCCGT-3'	Tube B-11	5'-GTAGACCCGT-3'
Tube A-12	5'-TCGGCGATAG-3'	Tube B-12	5'-CCTTGACGCA-3'
Tube A-13	5'-CAGCACCCAC-3'	Tube B-13	5'-TTCCCCGCT-3'
Tube A-14	5'-TCTGTGCTGG-3'	Tube B-14	5'-TCCGCTCTGG-3'
Tube A-15	5'-TTCCGAACCC-3'	Tube B-15	5'-GGAGGGTGTT-3'
Tube A-16	5'-AGCCAGCGAA-3'	Tube B-16	5'-TTTGCCCGGA-3'
Tube A-17	5'-GACCGCTTGT-3'	Tube B-17	5'-AGGGAACGAG-3'
Tube A-18	5'-AGGTGACCGT-3'	Tube B-18	5'-CCACAGCAGT-3'
Tube A-19	5'-CAAACGTCGG-3'	Tube B-19	5'-ACCCCCGAAG-3'
Tube A-20	5'-GTTGCGATCC-3'	Tube B-20	5'-GGACCCTTAC-3'

RAPD 10-mer Set C		RAPD 10-mer Set D	
Tube C-01	5'-TTCGAGCCAG-3'	Tube D-01	5'-ACCGCGAAGG-3'
Tube C-02	5'-GTGAGGCGTC-3'	Tube D-02	5'-GGACCCAACC-3'
Tube C-03	5'-GGGGGTCTTT-3'	Tube D-03	5'-GTCGCCGTCA-3'
Tube C-04	5'-CCGCATCTAC-3'	Tube D-04	5'-TCTGGTGAGG-3'
Tube C-05	5'-GATGACCGCC-3'	Tube D-05	5'-TGAGCGGACA-3'
Tube C-06	5'-GAACGGACTC-3'	Tube D-06	5'-ACCTGAACGG-3'
Tube C-07	5'-GTCCCGACGA-3'	Tube D-07	5'-TTGGCACGGG-3'
Tube C-08	5'-TGGACCGGTG-3'	Tube D-08	5'-GTGTGCCCA-3'
Tube C-09	5'-CTCACCGTCC-3'	Tube D-09	5'-CTCTGGAGAC-3'
Tube C-10	5'-TGTCTGGGTG-3'	Tube D-10	5'-GGTCTACACC-3'
Tube C-11	5'-AAAGCTGCGG-3'	Tube D-11	5'-AGCGCCATTG-3'
Tube C-12	5'-TGTCATCCCC-3'	Tube D-12	5'-CACCGTATCC-3'
Tube C-13	5'-AAGCCTCGTC-3'	Tube D-13	5'-GGGGTGACGA-3'
Tube C-14	5'-TGCGTGCTTG-3'	Tube D-14	5'-CTTCCCCAAG-3'
Tube C-15	5'-GACGGATCAG-3'	Tube D-15	5'-CATCCGTGCT-3'

Tube C-16	5'-CACACTCCAG-3'	Tube D-16	5'-AGGGCGTAAG-3'
Tube C-17	5'-TTCCCCCAG-3'	Tube D-17	5'-TTTCCCACGG-3'
Tube C-18	5'-TGAGTGGGTG-3'	Tube D-18	5'-GAGAGCCAAC-3'
Tube C-19	5'-GTTGCCAGCC-3'	Tube D-19	5'-CTGGGGACTT-3'
Tube C-20	5'-ACTTCGCCAC-3'	Tube D-20	5'-ACCCGGTCAC-3'

RAPD 10-mer Set E		RAPD 10-mer Set F	
Tube E-01	5'-CCCAAGGTCC-3'	Tube F-01	5'-ACGGATCCTG-3'
Tube E-02	5'-GGTGCGGGAA-3'	Tube F-02	5'-GAGGATCCCT-3'
Tube E-03	5'-CCAGATGCAC-3'	Tube F-03	5'-CCTGATCACC-3'
Tube E-04	5'-GTGACATGCC-3'	Tube F-04	5'-GGTGATCAGG-3'
Tube E-05	5'-TCAGGGAGGT-3'	Tube F-05	5'-CCGAATTCCC-3'
Tube E-06	5'-AAGACCCCTC-3'	Tube F-06	5'-GGGAATTCGG-3'
Tube E-07	5'-AGATGCAGCC-3'	Tube F-07	5'-CCGATATCCC-3'
Tube E-08	5'-TCACCACGGT-3'	Tube F-08	5'-GGGATATCGG-3'
Tube E-09	5'-CTTACCCGA-3'	Tube F-09	5'-CCAAGCTTCC-3'
Tube E-10	5'-CACCAGGTGA-3'	Tube F-10	5'-GGAAGCTTGG-3'
Tube E-11	5'-GAGTCTCAGG-3'	Tube F-11	5'-TTGGTACCCC-3'
Tube E-12	5'-TTATCGCCCC-3'	Tube F-12	5'-ACGGTACCAG-3'
Tube E-13	5'-CCCGATTTCGG-3'	Tube F-13	5'-GGCTGCAGAA-3'
Tube E-14	5'-TGCGGCTGAG-3'	Tube F-14	5'-TGCTGCAGGT-3'
Tube E-15	5'-ACGCACAACC-3'	Tube F-15	5'-CCAGTACTCC-3'
Tube E-16	5'-GGTGACTGTG-3'	Tube F-16	5'-GGAGTACTGG-3'
Tube E-17	5'-CTACTGCCGT-3'	Tube F-17	5'-AACCCGGGAA-3'
Tube E-18	5'-GGACTGCAGA-3'	Tube F-18	5'-TTCCCGGGTT-3'
Tube E-19	5'-ACGGCGTATG-3'	Tube F-19	5'-CCTCTAGACC-3'
Tube E-20	5'-AACGGTGACC-3'	Tube F-20	5'-GGTCTAGAGG-3'

RAPD 10-mer Set G		RAPD 10-mer Set H	
Tube G-01	5'-CTACGGAGGA-3'	Tube H-01	5'-GGTCGGAGAA-3'
Tube G-02	5'-GGCACTGAGG-3'	Tube H-02	5'-TCGGACGTGA-3'
Tube G-03	5'-GAGCCCTCCA-3'	Tube H-03	5'-AGACGTCCAC-3'
Tube G-04	5'-AGCGTGTCTG-3'	Tube H-04	5'-GGAAGTCGCC-3'
Tube G-05	5'-CTGAGACGGA-3'	Tube H-05	5'-AGTCGTCCCC-3'
Tube G-06	5'-GTGCCTAACC-3'	Tube H-06	5'-ACGCATCGCA-3'
Tube G-07	5'-GAACCTGCGG-3'	Tube H-07	5'-CTGCATCGTG-3'
Tube G-08	5'-TCACGTCCAC-3'	Tube H-08	5'-GAAACACCCC-3'
Tube G-09	5'-CTGACGTCAC-3'	Tube H-09	5'-TGTAGCTGGG-3'
Tube G-10	5'-AGGGCCGTCT-3'	Tube H-10	5'-CCTACGTCAG-3'
Tube G-11	5'-TGCCCGTTCG-3'	Tube H-11	5'-CTTCCGCAGT-3'
Tube G-12	5'-CAGCTCACGA-3'	Tube H-12	5'-ACGCGCATGT-3'

Tube G-13	5'-CTCTCCGCCA-3'	Tube H-13	5'-GACGCCACAC-3'
Tube G-14	5'-GGATGAGACC-3'	Tube H-14	5'-ACCAGGTTGG-3'
Tube G-15	5'-ACTGGGACTC-3'	Tube H-15	5'-AATGGCGCAG-3'
Tube G-16	5'-AGCGTCCTCC-3'	Tube H-16	5'-TCTCAGCTGG-3'
Tube G-17	5'-ACGACCGACA-3'	Tube H-17	5'-CACTCTCCTC-3'
Tube G-18	5'-GGCTCATGTG-3'	Tube H-18	5'-GAATCGGCCA-3'
Tube G-19	5'-GTCAGGGCAA-3'	Tube H-19	5'-CTGACCAGCC-3'
Tube G-20	5'-TCTCCCTCAG-3'	Tube H-20	5'-GGGAGACATC-3'

RAPD 10-mer Set I		RAPD 10-mer Set J	
Tube I-01	5'-ACCTGGACAC-3'	Tube J-01	5'-CCCGGCATAA-3'
Tube I-02	5'-GGAGGAGAGG-3'	Tube J-02	5'-CCCGTTGGGA-3'
Tube I-03	5'-CAGAAGCCCA-3'	Tube J-03	5'-TCTCCGCTTG-3'
Tube I-04	5'-CCGCCTAGTC-3'	Tube J-04	5'-CCGAACACGG-3'
Tube I-05	5'-TGTTCCACGG-3'	Tube J-05	5'-CTCCATGGGG-3'
Tube I-06	5'-AAGGCGGCAG-3'	Tube J-06	5'-TCGTTCCGCA-3'
Tube I-07	5'-CAGCGACAAG-3'	Tube J-07	5'-CCTCTCGACA-3'
Tube I-08	5'-TTTGCCCGGT-3'	Tube J-08	5'-CATACCGTGG-3'
Tube I-09	5'-TGGAGAGCAG-3'	Tube J-09	5'-TGAGCCTCAC-3'
Tube I-10	5'-ACAACGCGAG-3'	Tube J-10	5'-AAGCCCAGAG-3'
Tube I-11	5'-ACATGCCGTG-3'	Tube J-11	5'-ACTCCTGCGA-3'
Tube I-12	5'-AGAGGGCACA-3'	Tube J-12	5'-GTCCCGTGGT-3'
Tube I-13	5'-CTGGGGCTGA-3'	Tube J-13	5'-CCACACTACC-3'
Tube I-14	5'-TGACGGCGGT-3'	Tube J-14	5'-CACCCGGATG-3'
Tube I-15	5'-TCATCCGAGG-3'	Tube J-15	5'-TGTAGCAGGG-3'
Tube I-16	5'-TCTCCGCCCT-3'	Tube J-16	5'-CTGCTTAGGG-3'
Tube I-17	5'-GGTGGTGATG-3'	Tube J-17	5'-ACGCCAGTTC-3'
Tube I-18	5'-TGCCAGCCT-3'	Tube J-18	5'-TGGTCGCAGA-3'
Tube I-19	5'-AATGCGGGAG-3'	Tube J-19	5'-GGACACCACT-3'
Tube I-20	5'-AAAGTGCGGG-3'	Tube J-20	5'-AAGCGGCCTC-3'

**RAPD 10-mer Set K**

Tube K-01	5'-CATTCGAGCC-3'
Tube K-02	5'-GTCTCCGCAA-3'
Tube K-03	5'-CCAGCTTAGG-3'
Tube K-04	5'-CCGCCCAAAC-3'
Tube K-05	5'-TCTGTGAGAG-3'
Tube K-06	5'-CACCTTTCCC-3'
Tube K-07	5'-AGCGAGCAAG-3'
Tube K-08	5'-GAACACTGGG-3'

**RAPD 10-mer Set L**

Tube L-01	5'-GGCATGACCT-3'
Tube L-02	5'-TGGGCGTCAA-3'
Tube L-03	5'-CCAGCAGCTT-3'
Tube L-04	5'-GACTGCACAC-3'
Tube L-05	5'-ACGCAGGCAC-3'
Tube L-06	5'-GAGGGAAGAG-3'
Tube L-07	5'-AGGCGGGAAC-3'
Tube L-08	5'-AGCAGGTGGA-3'

Tube K-09	5'-CCCTACCGAC-3'	Tube L-09	5'-TGCGAGAGTC-3'
Tube K-10	5'-GTGCAACGTG-3'	Tube L-10	5'-TGGGAGATGG-3'
Tube K-11	5'-AATGCCCCAG-3'	Tube L-11	5'-ACGATGAGCC-3'
Tube K-12	5'-TGGCCCTCAC-3'	Tube L-12	5'-GGGCGGTACT-3'
Tube K-13	5'-GGTTGTACCC-3'	Tube L-13	5'-ACCGCCTGCT-3'
Tube K-14	5'-CCCGCTACAC-3'	Tube L-14	5'-GTGACAGGCT-3'
Tube K-15	5'-CTCCTGCCAA-3'	Tube L-15	5'-AAGAGAGGGG-3'
Tube K-16	5'-GAGCGTCAA-3'	Tube L-16	5'-AGGTTGCAGG-3'
Tube K-17	5'-CCCAGCTGTG-3'	Tube L-17	5'-AGCCTGAGCC-3'
Tube K-18	5'-CCTAGTCGAG-3'	Tube L-18	5'-ACCACCCACC-3'
Tube K-19	5'-CACAGCGGA-3'	Tube L-19	5'-GAGTGGTGAC-3'
Tube K-20	5'-GTGTCGCGAG-3'	Tube L-20	5'-TGGTGGACCA-3'

RAPD 10-mer Set M		RAPD 10-mer Set N	
Tube M-01	5'-GTTGGTGGCT-3'	Tube N-01	5'-CTCACGTTGG-3'
Tube M-02	5'-ACAACGCCTC-3'	Tube N-02	5'-ACCAGGGGCA-3'
Tube M-03	5'-GGGGGATGAG-3'	Tube N-03	5'-GGTACTCCCC-3'
Tube M-04	5'-GGCGTTGTC-3'	Tube N-04	5'-GACCGACCCA-3'
Tube M-05	5'-GGGAACGTGT-3'	Tube N-05	5'-ACTGAACGCC-3'
Tube M-06	5'-CTGGGCAACT-3'	Tube N-06	5'-GAGACGCACA-3'
Tube M-07	5'-CCGTGACTCA-3'	Tube N-07	5'-CAGCCCAGAG-3'
Tube M-08	5'-TCTGTTCCCC-3'	Tube N-08	5'-ACCTCAGCTC-3'
Tube M-09	5'-GTCTTGCGGA-3'	Tube N-09	5'-TGCCGGCTTG-3'
Tube M-10	5'-TCTGGCGCAC-3'	Tube N-10	5'-ACAACGGGG-3'
Tube M-11	5'-GTCCACTGTG-3'	Tube N-11	5'-TCGCCGAAA-3'
Tube M-12	5'-GGGACGTTGG-3'	Tube N-12	5'-CACAGACACC-3'
Tube M-13	5'-GGTGGTCAAG-3'	Tube N-13	5'-AGCGTCACTC-3'
Tube M-14	5'-AGGGTCGTTC-3'	Tube N-14	5'-TCGTGCGGGT-3'
Tube M-15	5'-GACCTACCAC-3'	Tube N-15	5'-CAGCGACTGT-3'
Tube M-16	5'-GTAACCAGCC-3'	Tube N-16	5'-AAGCGACCTG-3'
Tube M-17	5'-TCAGTCCGGG-3'	Tube N-17	5'-CATTGGGGAG-3'
Tube M-18	5'-CACCATCCGT-3'	Tube N-18	5'-GGTGAGGTCA-3'
Tube M-19	5'-CCTTCAGGCA-3'	Tube N-19	5'-GTCCGTACTG-3'
Tube M-20	5'-AGGTCTGGG-3'	Tube N-20	5'-GGTGCTCCGT-3'

RAPD 10-mer Set O		RAPD 10-mer Set P	
Tube O-01	5'-GGCACGTAAG-3'	Tube P-01	5'-GTAGCACTCC-3'
Tube O-02	5'-ACGTAGCGTC-3'	Tube P-02	5'-TCGGCACGCA-3'
Tube O-03	5'-CTGTTGCTAC-3'	Tube P-03	5'-CTGATACGCC-3'
Tube O-04	5'-AAGTCCGCTC-3'	Tube P-04	5'-GTGTCTCAGG-3'
Tube O-05	5'-CCCAGTCACT-3'	Tube P-05	5'-CCCCGGTAAC-3'
Tube O-06	5'-CCACGGGAAG-3'	Tube P-06	5'-GTGGGCTGAC-3'

Tube O-07	5'-CAGCACTGAC-3'		Tube P-07	5'-GTCCATGCCA-3'
Tube O-08	5'-CCTCCAGTGT-3'		Tube P-08	5'-ACATCGCCCA-3'
Tube O-09	5'-TCCCACGCAA-3'		Tube P-09	5'-GTGGTCCGCA-3'
Tube O-10	5'-TCAGAGCGCC-3'		Tube P-10	5'-TCCCGCCTAC-3'
Tube O-11	5'-GACAGGAGGT-3'		Tube P-11	5'-AACCGCTCGG-3'
Tube O-12	5'-CAGTGCTGTG-3'		Tube P-12	5'-AAGGGCGAGT-3'
Tube O-13	5'-GTCAGAGTCC-3'		Tube P-13	5'-GGAGTGCCTC-3'
Tube O-14	5'-AGCATGGCTC-3'		Tube P-14	5'-CCAGCCGAAC-3'
Tube O-15	5'-TGGCGTCCTT-3'		Tube P-15	5'-GGAAGCCAAC-3'
Tube O-16	5'-TCGGCGGTTT-3'		Tube P-16	5'-CCAAGTGCC-3'
Tube O-17	5'-GGCTTATGCC-3'		Tube P-17	5'-TGACCCGCCT-3'
Tube O-18	5'-CTCGCTATCC-3'		Tube P-18	5'-GGCTTGGCCT-3'
Tube O-19	5'-GGTGACGTT-3'		Tube P-19	5'-GGGAAGGACA-3'
Tube O-20	5'-ACACACGCTG-3'		Tube P-20	5'-GACCCTAGTC-3'

RAPD 10-mer Set Q		RAPD 10-mer Set R	
Tube Q-01	5'-GGGACGATGG-3'	Tube R-01	5'-TGCGGGTCT-3'
Tube Q-02	5'-TCTGTGCGTC-3'	Tube R-02	5'-CACAGCTGCC-3'
Tube Q-03	5'-GGTCACCTCA-3'	Tube R-03	5'-ACACAGAGGG-3'
Tube Q-04	5'-AGTGCGCTGA-3'	Tube R-04	5'-CCCGTAGCAC-3'
Tube Q-05	5'-CCGCGTCTTG-3'	Tube R-05	5'-GACCTAGTGG-3'
Tube Q-06	5'-GAGCGCCTTG-3'	Tube R-06	5'-GTCTACGGCA-3'
Tube Q-07	5'-CCCCGATGGT-3'	Tube R-07	5'-ACTGGCCTGA-3'
Tube Q-08	5'-CTCCAGCGGA-3'	Tube R-08	5'-CCCGTTGCCT-3'
Tube Q-09	5'-GGCTAACCGA-3'	Tube R-09	5'-TGAGCACGAG-3'
Tube Q-10	5'-TGTGCCCGAA-3'	Tube R-10	5'-CCATTCCCCA-3'
Tube Q-11	5'-TCTCCGCAAC-3'	Tube R-11	5'-GTAGCCGTCT-3'
Tube Q-12	5'-AGTAGGGCAC-3'	Tube R-12	5'-ACAGGTGCGT-3'
Tube Q-13	5'-GGAGTGGACA-3'	Tube R-13	5'-GGACGACAAG-3'
Tube Q-14	5'-GGACGCTTCA-3'	Tube R-14	5'-CAGGATTCCC-3'
Tube Q-15	5'-GGGTAACGTG-3'	Tube R-15	5'-GGACAACGAG-3'
Tube Q-16	5'-AGTGCAGCCA-3'	Tube R-16	5'-CTCTGCGCGT-3'
Tube Q-17	5'-GAAGCCCTTG-3'	Tube R-17	5'-CCGTACGTAG-3'
Tube Q-18	5'-AGGCTGGGTG-3'	Tube R-18	5'-GGCTTTGCCA-3'
Tube Q-19	5'-CCCCCTATCA-3'	Tube R-19	5'-CCTCCTCATC-3'
Tube Q-20	5'-TCGCCAGTC-3'	Tube R-20	5'-ACGGCAAGGA-3'

RAPD 10-mer Set S		RAPD 10-mer Set T	
Tube S-01	5'-CTACTGCGCT-3'	Tube T-01	5'-GGGCCACTCA-3'
Tube S-02	5'-CCTCTGACTG-3'	Tube T-02	5'-GGAGAGACTC-3'
Tube S-03	5'-CAGAGGTCCC-3'	Tube T-03	5'-TCCACTCTG-3'
Tube S-04	5'-CACCCCCTTG-3'	Tube T-04	5'-CACAGAGGGA-3'

Tube S-05	5'-TTTGGGGCCT-3'		Tube T-05	5'-GGGTTTGGCA-3'
Tube S-06	5'-GATACCTCGG-3'		Tube T-06	5'-CAAGGGCAGA-3'
Tube S-07	5'-TCCGATGCTG-3'		Tube T-07	5'-GGCAGGCTGT-3'
Tube S-08	5'-TTCAGGGTGG-3'		Tube T-08	5'-AACGGCGACA-3'
Tube S-09	5'-TCCTGGTCCC-3'		Tube T-09	5'-CACCCCTGAG-3'
Tube S-10	5'-ACCGTTCCAG-3'		Tube T-10	5'-CCTTCGGAAG-3'
Tube S-11	5'-AGTCGGGTGG-3'		Tube T-11	5'-TTCCCCGCGA-3'
Tube S-12	5'-CTGGGTGAGT-3'		Tube T-12	5'-GGGTGTGTAG-3'
Tube S-13	5'-GTCGTTCTG-3'		Tube T-13	5'-AGGACTGCCA-3'
Tube S-14	5'-AAAGGGGTCC-3'		Tube T-14	5'-AATGCCGAG-3'
Tube S-15	5'-CAGTTCACGG-3'		Tube T-15	5'-GGATGCCACT-3'
Tube S-16	5'-AGGGGGTTCC-3'		Tube T-16	5'-GGTGAACGCT-3'
Tube S-17	5'-TGGGGACCAC-3'		Tube T-17	5'-CCAACGTCGT-3'
Tube S-18	5'-CTGGCGAACT-3'		Tube T-18	5'-GATGCCAGAC-3'
Tube S-19	5'-GAGTCAGCAG-3'		Tube T-19	5'-GTCCGTATGG-3'
Tube S-20	5'-TCTGGACGGA-3'		Tube T-20	5'-GACCAATGCC-3'

RAPD 10-mer Set U		RAPD 10-mer Set V	
Tube U-01	5'-ACGGACGTCA-3'	Tube V-01	5'-TGACGCATGG-3'
Tube U-02	5'-CTGAGGTCTC-3'	Tube V-02	5'-AGTCACTCCC-3'
Tube U-03	5'-CTATGCCGAC-3'	Tube V-03	5'-CTCCCTGCAA-3'
Tube U-04	5'-ACCTTCGGAC-3'	Tube V-04	5'-CCCCTCACGA-3'
Tube U-05	5'-TTGGCGGCCT-3'	Tube V-05	5'-TCCGAGAGGG-3'
Tube U-06	5'-ACCTTTGCGG-3'	Tube V-06	5'-ACGCCCAGGT-3'
Tube U-07	5'-CCTGCTCATC-3'	Tube V-07	5'-GAAGCCAGCC-3'
Tube U-08	5'-GGCGAAGGTT-3'	Tube V-08	5'-GGACGGCGTT-3'
Tube U-09	5'-CCACATCGGT-3'	Tube V-09	5'-TGTACCCGTC-3'
Tube U-10	5'-ACCTCGGCAC-3'	Tube V-10	5'-GGACCTGCTG-3'
Tube U-11	5'-AGACCCAGAG-3'	Tube V-11	5'-CTCGACAGAG-3'
Tube U-12	5'-TCACCAGCCA-3'	Tube V-12	5'-ACCCCCACT-3'
Tube U-13	5'-GGCTGGTTCC-3'	Tube V-13	5'-ACCCCTGAA-3'
Tube U-14	5'-TGGGTCCCTC-3'	Tube V-14	5'-AGATCCCGCC-3'
Tube U-15	5'-ACGGGCCAGT-3'	Tube V-15	5'-CAGTGCCGGT-3'
Tube U-16	5'-CTGCGCTGGA-3'	Tube V-16	5'-ACACCCACA-3'
Tube U-17	5'-ACCTGGGGAG-3'	Tube V-17	5'-ACCGCTTGT-3'
Tube U-18	5'-GAGTCCACA-3'	Tube V-18	5'-TGGTGGCGTT-3'
Tube U-19	5'-GTCAGTGCGG-3'	Tube V-19	5'-GGGTGTGCAG-3'
Tube U-20	5'-ACAGCCCCCA-3'	Tube V-20	5'-CAGCATGGTC-3'

RAPD 10-mer Set W		RAPD 10-mer Set X	
Tube W-01	5'-CTCAGTGTCC-3'	Tube X-01	5'-CTGGGCACGA-3'
Tube W-02	5'-ACCCGCCAA-3'	Tube X-02	5'-TTCCGCCACC-3'

Tube W-03	5'-GTCCGGAGTG-3'	Tube X-03	5'-TGCGCGAGTG-3'
Tube W-04	5'-CAGAAGCGGA-3'	Tube X-04	5'-CCGCTACCGA-3'
Tube W-05	5'-GGCGGATAAG-3'	Tube X-05	5'-CCTTTCCTC-3'
Tube W-06	5'-AGGCCCGATG-3'	Tube X-06	5'-ACGCCAGAGG-3'
Tube W-07	5'-CTGGACGTCA-3'	Tube X-07	5'-GAGCGAGGCT-3'
Tube W-08	5'-GACTGCCTCT-3'	Tube X-08	5'-CAGGGGTGGA-3'
Tube W-09	5'-GTGACCGAGT-3'	Tube X-09	5'-GGTCTGGTTG-3'
Tube W-10	5'-TCGCATCCCT-3'	Tube X-10	5'-CCCTAGACTG-3'
Tube W-11	5'-CTGATGCGTG-3'	Tube X-11	5'-GGAGCCTCAG-3'
Tube W-12	5'-TGGGCAGAAG-3'	Tube X-12	5'-TCGCCAGCCA-3'
Tube W-13	5'-CACAGCGACA-3'	Tube X-13	5'-ACGGGAGCAA-3'
Tube W-14	5'-CTGCTGAGCA-3'	Tube X-14	5'-ACAGGTGCTG-3'
Tube W-15	5'-ACACCGGAAC-3'	Tube X-15	5'-CAGACAAGCC-3'
Tube W-16	5'-CAGCCTACCA-3'	Tube X-16	5'-CTCTGTTCGG-3'
Tube W-17	5'-GTCCTGGGTT-3'	Tube X-17	5'-GACACGGACC-3'
Tube W-18	5'-TTCAGGGCAC-3'	Tube X-18	5'-GACTAGGTGG-3'
Tube W-19	5'-CAAAGCGCTC-3'	Tube X-19	5'-TGGAAGGCA-3'
Tube W-20	5'-TGTGGCAGCA-3'	Tube X-20	5'-CCCAGCTAGA-3'

RAPD 10-mer Set Y		RAPD 10-mer Set Z	
Tube Y-01	5'-GTGGCATCTC-3'	Tube Z-01	5'-TCTGTGCCAC-3'
Tube Y-02	5'-CATCGCCGCA-3'	Tube Z-02	5'-CCTACGGGGA-3'
Tube Y-03	5'-ACAGCCTGCT-3'	Tube Z-03	5'-CAGCACCGCA-3'
Tube Y-04	5'-GGCTGCAATG-3'	Tube Z-04	5'-AGGCTGTGCT-3'
Tube Y-05	5'-GGCTGCGACA-3'	Tube Z-05	5'-TCCCATGCTG-3'
Tube Y-06	5'-AAGGCTCACC-3'	Tube Z-06	5'-GTGCCGTTCA-3'
Tube Y-07	5'-AGAGCCGTCA-3'	Tube Z-07	5'-CCAGGAGGAC-3'
Tube Y-08	5'-AGGCAGAGCA-3'	Tube Z-08	5'-GGGTGGGTAA-3'
Tube Y-09	5'-AGCAGCGCAC-3'	Tube Z-09	5'-CACCCCAGTC-3'
Tube Y-10	5'-CAAACGTGGG-3'	Tube Z-10	5'-CCGACAAACC-3'
Tube Y-11	5'-AGACGATGGG-3'	Tube Z-11	5'-CTCAGTCGCA-3'
Tube Y-12	5'-AAGCCTGCGA-3'	Tube Z-12	5'-TCAACGGGAC-3'
Tube Y-13	5'-GGGTCTCGGT-3'	Tube Z-13	5'-GACTAAGCCC-3'
Tube Y-14	5'-GGTCGATCTG-3'	Tube Z-14	5'-TCGGAGGTTT-3'
Tube Y-15	5'-AGTCGCCCTT-3'	Tube Z-15	5'-CAGGGCTTTC-3'
Tube Y-16	5'-GGGCCAATGT-3'	Tube Z-16	5'-TCCCCATCAC-3'
Tube Y-17	5'-GACGTGGTGA-3'	Tube Z-17	5'-CCTTCCCACT-3'
Tube Y-18	5'-GTGGAGTCAG-3'	Tube Z-18	5'-AGGGTCTGTG-3'
Tube Y-19	5'-TGAGGGTCCC-3'	Tube Z-19	5'-GTGCGAGCAA-3'
Tube Y-20	5'-AGCCGTGGAA-3'	Tube Z-20	5'-ACTTTGGCGG-3'

RAPD 10-mer Set AA		RAPD 10-mer Set AB	
Tube AA-01	5'-AGACGGCTCC-3'	Tube AB-01	5'-CCGTCGGTAG-3'
Tube AA-02	5'-GAGACCAGAC-3'	Tube AB-02	5'-GGAAACCCCT-3'
Tube AA-03	5'-TTAGCGCCCC-3'	Tube AB-03	5'-TGGCGCACAC-3'
Tube AA-04	5'-AGGACTGCTC-3'	Tube AB-04	5'-GGCAGCGTT-3'
Tube AA-05	5'-GGCTTTAGCC-3'	Tube AB-05	5'-CCC GAAGCGA-3'
Tube AA-06	5'-GTGGGTGCCA-3'	Tube AB-06	5'-GTGGCTTGA-3'
Tube AA-07	5'-CTACGCTCAC-3'	Tube AB-07	5'-GTAAACCGCC-3'
Tube AA-08	5'-TCCGCAGTAG-3'	Tube AB-08	5'-GTTACGGACC-3'
Tube AA-09	5'-AGATGGGCAG-3'	Tube AB-09	5'-GGGCGACTAC-3'
Tube AA-10	5'-TGGTCGGGTG-3'	Tube AB-10	5'-TTCCCTCCCA-3'
Tube AA-11	5'-ACCCGACCTG-3'	Tube AB-11	5'-GTGCGCAATG-3'
Tube AA-12	5'-GGACCTCTTG-3'	Tube AB-12	5'-CCTGTACCGA-3'
Tube AA-13	5'-GAGCGTCGCT-3'	Tube AB-13	5'-CCTACCGTGG-3'
Tube AA-14	5'-AACGGGCCAA-3'	Tube AB-14	5'-AAGTGC GACC-3'
Tube AA-15	5'-ACGGAAGCCC-3'	Tube AB-15	5'-CCTCCTTCTC-3'
Tube AA-16	5'-GGAACCCACA-3'	Tube AB-16	5'-CCGGATGGT-3'
Tube AA-17	5'-GAGCCCGACT-3'	Tube AB-17	5'-TCGCATCCAG-3'
Tube AA-18	5'-TGGTCCAGCC-3'	Tube AB-18	5'-CTGGCGTGTC-3'
Tube AA-19	5'-TGAGCGTGT-3'	Tube AB-19	5'-ACACCGATGG-3'
Tube AA-20	5'-TTGCC TTCGG-3'	Tube AB-20	5'-CTTCTCGGAC-3'

RAPD 10-mer Set AC		RAPD 10-mer Set AD	
Tube AC-01	5'-TCCCAGCAGA-3'	Tube AD-01	5'-CAAAGGGCGG-3'
Tube AC-02	5'-GTCGTCGTCT-3'	Tube AD-02	5'-CTGAACCGCT-3'
Tube AC-03	5'-CACTGGCCCA-3'	Tube AD-03	5'-TCTCGCTAC-3'
Tube AC-04	5'-ACGGGACCTG-3'	Tube AD-04	5'-GTAGGCCTCA-3'
Tube AC-05	5'-GTTAGTGCGG-3'	Tube AD-05	5'-ACCGCATGGG-3'
Tube AC-06	5'-CCAGAACGGA-3'	Tube AD-06	5'-AAGTGCACGG-3'
Tube AC-07	5'-GTGGCCGATG-3'	Tube AD-07	5'-CCCTACTGGT-3'
Tube AC-08	5'-TTTGGGTGCC-3'	Tube AD-08	5'-GGCAGGCAAG-3'
Tube AC-09	5'-AGAGCGTACC-3'	Tube AD-09	5'-TCGCTTCTCC-3'
Tube AC-10	5'-AGCAGCGAGG-3'	Tube AD-10	5'-AAGAGGCCAG-3'
Tube AC-11	5'-CCTGGGTCAG-3'	Tube AD-11	5'-CAATCGGGTC-3'
Tube AC-12	5'-GGCGAGTGTG-3'	Tube AD-12	5'-AAGAGGGCGT-3'
Tube AC-13	5'-GACCCGATTG-3'	Tube AD-13	5'-GGTTCCTCTG-3'
Tube AC-14	5'-GTCGGTTGTC-3'	Tube AD-14	5'-GAACGAGGGT-3'
Tube AC-15	5'-TGCCGTGAGA-3'	Tube AD-15	5'-TTTGCCCCGT-3'
Tube AC-16	5'-CCTCCTACGG-3'	Tube AD-16	5'-AACGGGCGTC-3'
Tube AC-17	5'-CCTGGAGCTT-3'	Tube AD-17	5'-GGCAAACCCCT-3'

Tube AC-18	5'-TTGGGGGAGA-3'	Tube AD-18	5'-ACGAGAGGCA-3'
Tube AC-19	5'-AGTCCGCCTG-3'	Tube AD-19	5'-CTTGGCACGA-3'
Tube AC-20	5'-ACGGAAGTGG-3'	Tube AD-20	5'-TCTTCGGAGG-3'

RAPD 10-mer Set AE			RAPD 10-mer Set AF	
Tube AE-01	5'-TGAGGGCCGT-3'		Tube AF-01	5'-CCTACACGGT-3'
Tube AE-02	5'-TCGTTCACCC-3'		Tube AF-02	5'-CAGCCGAGAA-3'
Tube AE-03	5'-CATAGAGCGG-3'		Tube AF-03	5'-GAAGGAGGCA-3'
Tube AE-04	5'-CCAGCACTTC-3'		Tube AF-04	5'-TTGCGGCTGA-3'
Tube AE-05	5'-CCTGTCACTG-3'		Tube AF-05	5'-CCCGATCAGA-3'
Tube AE-06	5'-GGGGAAGACA-3'		Tube AF-06	5'-CCGCAGTCTG-3'
Tube AE-07	5'-GTGTCAGTGG-3'		Tube AF-07	5'-GGAAAGCGTC-3'
Tube AE-08	5'-CTGGCTCAGA-3'		Tube AF-08	5'-CTCTGCCTGA-3'
Tube AE-09	5'-TGCCACGAGG-3'		Tube AF-09	5'-CCCTCAGAA-3'
Tube AE-10	5'-CTGAAGCGCA-3'		Tube AF-10	5'-GGTTGGAGAC-3'
Tube AE-11	5'-AAGACCGGGA-3'		Tube AF-11	5'-ACTGGGCCTC-3'
Tube AE-12	5'-CCGAGCAATC-3'		Tube AF-12	5'-GACGCAGCTT-3'
Tube AE-13	5'-TGTGGACTGG-3'		Tube AF-13	5'-CCGAGGTGAC-3'
Tube AE-14	5'-GAGAGGCTCC-3'		Tube AF-14	5'-GGTGCGCACT-3'
Tube AE-15	5'-TGCCTGGACC-3'		Tube AF-15	5'-CACGAACCTC-3'
Tube AE-16	5'-TCCGTGCTGA-3'		Tube AF-16	5'-TCCCGGTGAG-3'
Tube AE-17	5'-GGCAGGTTCA-3'		Tube AF-17	5'-TGAACCGAGG-3'
Tube AE-18	5'-CTGGTGCTGA-3'		Tube AF-18	5'-GTGTCCCTCT-3'
Tube AE-19	5'-GACAGTCCCT-3'		Tube AF-19	5'-GGACAAGCAG-3'
Tube AE-20	5'-TTGACCCCAG-3'		Tube AF-20	5'-CTCCGCACAG-3'

RAPD 10-mer Set AG			RAPD 10-mer Set AH	
Tube AG-01	5'-CTACGGCTTC-3'		Tube AH-01	5'-TCCGCAACCA-3'
Tube AG-02	5'-CTGAGGTCCT-3'		Tube AH-02	5'-CACTTCCGCT-3'
Tube AG-03	5'-TGCGGGAGTG-3'		Tube AH-03	5'-GGTTACTGCC-3'
Tube AG-04	5'-GGAGCGTACT-3'		Tube AH-04	5'-CTCCCCAGAC-3'
Tube AG-05	5'-CCCCTAGAC-3'		Tube AH-05	5'-TTGCAGGCAG-3'
Tube AG-06	5'-GGTGGCCAAG-3'		Tube AH-06	5'-GTAAGCCCCT-3'
Tube AG-07	5'-CACAGACCTG-3'		Tube AH-07	5'-CCCTACGGAG-3'
Tube AG-08	5'-AAGAGCCCTC-3'		Tube AH-08	5'-TTCCCGTGCC-3'
Tube AG-09	5'-CCGAGGGGTT-3'		Tube AH-09	5'-AGAACCGAGG-3'
Tube AG-10	5'-ACTGCCCGAC-3'		Tube AH-10	5'-GGGATGACCA-3'
Tube AG-11	5'-TTACGGTGGG-3'		Tube AH-11	5'-TCCGCTGAGA-3'
Tube AG-12	5'-CTCCCAGGGT-3'		Tube AH-12	5'-TCCAACGGCT-3'
Tube AG-13	5'-GGCTTGCGCA-3'		Tube AH-13	5'-TGAGTCCGCA-3'

Tube AG-14	5'-CTCTCGGCGA-3'	Tube AH-14	5'-TGTGGCCGAA-3'
Tube AG-15	5'-CCCACACGCA-3'	Tube AH-15	5'-CTACAGCGAG-3'
Tube AG-16	5'-CCTGCGACAG-3'	Tube AH-16	5'-CAAGGTGGGT-3'
Tube AG-17	5'-AGCGGAAGTG-3'	Tube AH-17	5'-CAGTGGGGAG-3'
Tube AG-18	5'-GTGGGCATAC-3'	Tube AH-18	5'-GGGCTAGTCA-3'
Tube AG-19	5'-AGCCTCGGTT-3'	Tube AH-19	5'-GGCAGTTCTC-3'
Tube AG-20	5'-TGCGCTCCTC-3'	Tube AH-20	5'-GGAAGGTGAG-3'

RAPD 10-mer Set AI		RAPD 10-mer Set AJ	
Tube AI-01	5'-GGCATCGGCT-3'	Tube AJ-01	5'-ACGGGTCAGA-3'
Tube AI-02	5'-AGCCGTTTCA-3'	Tube AJ-02	5'-TCGCACAGTC-3'
Tube AI-03	5'-GGGTCCAAAG-3'	Tube AJ-03	5'-AGCACCTCGT-3'
Tube AI-04	5'-CTATCCTGCC-3'	Tube AJ-04	5'-GAATGCGACC-3'
Tube AI-05	5'-GTCGTAGCGG-3'	Tube AJ-05	5'-CAGCGTTGCC-3'
Tube AI-06	5'-TGCCGCACTT-3'	Tube AJ-06	5'-GTCGGAGTGG-3'
Tube AI-07	5'-ACGAGCATGG-3'	Tube AJ-07	5'-CCCTCCCTAA-3'
Tube AI-08	5'-AAGCCCCCA-3'	Tube AJ-08	5'-GTGCTCCCTC-3'
Tube AI-09	5'-TCGCTGGTGT-3'	Tube AJ-09	5'-ACGGCACGCA-3'
Tube AI-10	5'-TCGGGGCATC-3'	Tube AJ-10	5'-GTTACCGCGA-3'
Tube AI-11	5'-ACGGCGATGA-3'	Tube AJ-11	5'-GAACGCTGCC-3'
Tube AI-12	5'-GACGCGAACC-3'	Tube AJ-12	5'-CAGTTCCCGT-3'
Tube AI-13	5'-ACGCTGCGAC-3'	Tube AJ-13	5'-CAGCCGTTCC-3'
Tube AI-14	5'-TGGTGCACCT-3'	Tube AJ-14	5'-ACCGATGCTG-3'
Tube AI-15	5'-GACACAGCCC-3'	Tube AJ-15	5'-GAATCCGGCA-3'
Tube AI-16	5'-AAGGCACGAG-3'	Tube AJ-16	5'-TCTGGACCGA-3'
Tube AI-17	5'-CCTCACGTCC-3'	Tube AJ-17	5'-ACCCCTATG-3'
Tube AI-18	5'-TCGCGGAACC-3'	Tube AJ-18	5'-GGCTAGGTGG-3'
Tube AI-19	5'-GGCAAAGCTG-3'	Tube AJ-19	5'-ACAGTGGCCT-3'
Tube AI-20	5'-CCTGTTCCCT-3'	Tube AJ-20	5'-ACACGTGGTC-3'

RAPD 10-mer Set AK		RAPD 10-mer Set AL	
Tube AK-01	5'-TCTGCTACGG-3'	Tube AL-01	5'-TGTGACGAGG-3'
Tube AK-02	5'-CCATCGGAGG-3'	Tube AL-02	5'-ACCCTGTGGG-3'
Tube AK-03	5'-GGTCCTACCA-3'	Tube AL-03	5'-CCCACCCTTG-3'
Tube AK-04	5'-AGGGTCGGTC-3'	Tube AL-04	5'-ACAACGGTCC-3'
Tube AK-05	5'-GATGGCAGTC-3'	Tube AL-05	5'-GACTGCGCCA-3'
Tube AK-06	5'-TCACGTCCCT-3'	Tube AL-06	5'-AAGCGTCCTC-3'
Tube AK-07	5'-CTTGGGGGAC-3'	Tube AL-07	5'-CCGTCCATCC-3'
Tube AK-08	5'-CCGAAGGGTG-3'	Tube AL-08	5'-GTCGCCCTCA-3'
Tube AK-09	5'-AGGTCGGCGT-3'	Tube AL-09	5'-CAGCGAGTAG-3'
Tube AK-10	5'-CAAGCGTCAC-3'	Tube AL-10	5'-AAGGCCCTG-3'

Tube AK-11	5'-CAGTGTGCTC-3'	Tube AL-11	5'-GTCACGTCCT-3'
Tube AK-12	5'-AGTGTAGCCC-3'	Tube AL-12	5'-CCCAGGCTAC-3'
Tube AK-13	5'-TCCCACGAGT-3'	Tube AL-13	5'-GAATGGCACC-3'
Tube AK-14	5'-CTGTTCATGCC-3'	Tube AL-14	5'-TCGCTCCGTT-3'
Tube AK-15	5'-ACCTGCCGTT-3'	Tube AL-15	5'-AGGGGACACC-3'
Tube AK-16	5'-CTGCGTGCTC-3'	Tube AL-16	5'-CTTTTCGAGGG-3'
Tube AK-17	5'-CAGCGGTCAC-3'	Tube AL-17	5'-CCGCAAGTGT-3'
Tube AK-18	5'-ACCCGGAAAC-3'	Tube AL-18	5'-GGAGTGGACT-3'
Tube AK-19	5'-TCGCAGCGAG-3'	Tube AL-19	5'-TCTGCCAGTG-3'
Tube AK-20	5'-TGATGGCGTC-3'	Tube AL-20	5'-AGGAGTCGGA-3'

RAPD 10-mer Set AM		RAPD 10-mer Set AN	
Tube AM-01	5'-TCACGTACGG-3'	Tube AN-01	5'-ACTCCACGTC-3'
Tube AM-02	5'-ACTTGACGGG-3'	Tube AN-02	5'-CACCGCAGTT-3'
Tube AM-03	5'-CTTCCCTGTG-3'	Tube AN-03	5'-AGCCAGGCTG-3'
Tube AM-04	5'-GAGGGACCTC-3'	Tube AN-04	5'-GGCGTAAGTC-3'
Tube AM-05	5'-GGGCTATGCC-3'	Tube AN-05	5'-GGGTGCAGTT-3'
Tube AM-06	5'-CTCGGGATGT-3'	Tube AN-06	5'-GGGAACCCGT-3'
Tube AM-07	5'-AACCGCGGCA-3'	Tube AN-07	5'-TCGCTGCGGA-3'
Tube AM-08	5'-ACCACGAGTG-3'	Tube AN-08	5'-AAGGCTGCTG-3'
Tube AM-09	5'-TGCCGGTTCA-3'	Tube AN-09	5'-GGGGGAGATG-3'
Tube AM-10	5'-CAGACCGACC-3'	Tube AN-10	5'-CTGTGTGCTC-3'
Tube AM-11	5'-AGATGCGCGG-3'	Tube AN-11	5'-GTCCATGCAG-3'
Tube AM-12	5'-TCTCACCGTC-3'	Tube AN-12	5'-AACGGCGGTC-3'
Tube AM-13	5'-CACGGCACAA-3'	Tube AN-13	5'-CTTCCAGGAC-3'
Tube AM-14	5'-TGGTTGCGGA-3'	Tube AN-14	5'-AGCCGGGTAA-3'
Tube AM-15	5'-GATGCGATGG-3'	Tube AN-15	5'-TGATGCCGCT-3'
Tube AM-16	5'-TGGCGGTTTG-3'	Tube AN-16	5'-GTGTCGAGTC-3'
Tube AM-17	5'-CCTAACGTCC-3'	Tube AN-17	5'-TCAGCACAGG-3'
Tube AM-18	5'-ACGGGACTCT-3'	Tube AN-18	5'-TGTCTGCGT-3'
Tube AM-19	5'-CCAGTCTTC-3'	Tube AN-19	5'-ACCACGCCCT-3'
Tube AM-20	5'-ACCAACCAGG-3'	Tube AN-20	5'-GAGTCCTCAC-3'

RAPD 10-mer Set AO		RAPD 10-mer Set AP	
Tube AO-01	5'-AAGACGACGG-3'	Tube AP-01	5'-AACTGGCCCC-3'
Tube AO-02	5'-AATCCGCTGG-3'	Tube AP-02	5'-TGGTCATCCC-3'
Tube AO-03	5'-AGTCGGCCCA-3'	Tube AP-03	5'-GTAAGGCGCA-3'
Tube AO-04	5'-AACAGGGCAG-3'	Tube AP-04	5'-CTCTTGGGCT-3'
Tube AO-05	5'-TGGAAGCACC-3'	Tube AP-05	5'-GACTTCAGGG-3'
Tube AO-06	5'-AGGCAGCCTG-3'	Tube AP-06	5'-GTCACGTCTC-3'

Tube AO-07	5'-GATGCGACGG-3'	Tube AP-07	5'-ACCACCCGCT-3'
Tube AO-08	5'-ACTGGCTCTC-3'	Tube AP-08	5'-ACCCCCACAC-3'
Tube AO-09	5'-CCAGATGGGG-3'	Tube AP-09	5'-GTGGTCCAGA-3'
Tube AO-10	5'-GACATCGTCC-3'	Tube AP-10	5'-TGGGTGATCC-3'
Tube AO-11	5'-GGGGGCTTGA-3'	Tube AP-11	5'-CTGGCTTCTG-3'
Tube AO-12	5'-TCCCGGTCTC-3'	Tube AP-12	5'-GTCTTACCCC-3'
Tube AO-13	5'-CCCACAGGTG-3'	Tube AP-13	5'-TGAAGCCCCT-3'
Tube AO-14	5'-CTACTGGGGT-3'	Tube AP-14	5'-TGCCATGCTG-3'
Tube AO-15	5'-GAAGGCTCCC-3'	Tube AP-15	5'-GGGTTGGAAG-3'
Tube AO-16	5'-CACAACGGGA-3'	Tube AP-16	5'-GGGCAGATAC-3'
Tube AO-17	5'-CCCATGTGTG-3'	Tube AP-17	5'-ACGGCACTCC-3'
Tube AO-18	5'-GGGAGCGCTT-3'	Tube AP-18	5'-GTCGTCGACA-3'
Tube AO-19	5'-GTTCTCGGAC-3'	Tube AP-19	5'-GTGTCTGCCT-3'
Tube AO-20	5'-GGCTTGCCTG-3'	Tube AP-20	5'-CCCGGATACA-3'

RAPD 10-mer Set AQ			RAPD 10-mer Set AR
Tube AQ-01	5'-GGCAGGTGGA-3'	Tube AR-01	5'-CCATTCCGAG-3'
Tube AQ-02	5'-ACCCTCGGAC-3'	Tube AR-02	5'-CACCTGCTGA-3'
Tube AQ-03	5'-GAGGTGTCTG-3'	Tube AR-03	5'-GTGAGGCGCA-3'
Tube AQ-04	5'-GACGGCTATC-3'	Tube AR-04	5'-CCAGGAGAAG-3'
Tube AQ-05	5'-ACGGAGCTGA-3'	Tube AR-05	5'-CATACTGCC-3'
Tube AQ-06	5'-ACGGATCCCC-3'	Tube AR-06	5'-TGGGGCTCAA-3'
Tube AQ-07	5'-GGAGTAACGG-3'	Tube AR-07	5'-TCCTTCGGTG-3'
Tube AQ-08	5'-TCGGTAGACC-3'	Tube AR-08	5'-GTGAATGCGG-3'
Tube AQ-09	5'-AGTCCCCCTC-3'	Tube AR-09	5'-GGGGTGTCT-3'
Tube AQ-10	5'-CATACCCTCC-3'	Tube AR-10	5'-TGGGGCTGTC-3'
Tube AQ-11	5'-GACGCCTCCA-3'	Tube AR-11	5'-GGGAAGACGG-3'
Tube AQ-12	5'-CAGCTCCTGT-3'	Tube AR-12	5'-GGATCGTCGG-3'
Tube AQ-13	5'-GAGTCGGCTG-3'	Tube AR-13	5'-GGGTCGGCTT-3'
Tube AQ-14	5'-CCCCTGTAGG-3'	Tube AR-14	5'-CTCACAGCAC-3'
Tube AQ-15	5'-TGCGATGCGA-3'	Tube AR-15	5'-ACACTCTGCC-3'
Tube AQ-16	5'-CCCGGAAGAG-3'	Tube AR-16	5'-CCTTGCGCCT-3'
Tube AQ-17	5'-TTCGCCTGTC-3'	Tube AR-17	5'-CCACCAGAC-3'
Tube AQ-18	5'-GGGAGCGAGT-3'	Tube AR-18	5'-CTACCGGCAC-3'
Tube AQ-19	5'-AGTAGGGCCT-3'	Tube AR-19	5'-CTGATCGCGG-3'
Tube AQ-20	5'-GTGAACGCTC-3'	Tube AR-20	5'-TGCGCCATCC-3'

RAPD 10-mer Set AS		RAPD 10-mer Set AT	
Tube AS-01	5'-CACACCGTGT-3'	Tube AT-01	5'-CAGTGGTTCC-3'
Tube AS-02	5'-GTCCTCGTGT-3'	Tube AT-02	5'-CAGGTCTAGG-3'
Tube AS-03	5'-ACGGTTCCAC-3'	Tube AT-03	5'-GACTGGGAGG-3'
Tube AS-04	5'-GTCTTGGGCA-3'	Tube AT-04	5'-TTGCCTCGCC-3'
Tube AS-05	5'-GTCACCTGCT-3'	Tube AT-05	5'-ACACCTGCCA-3'
Tube AS-06	5'-GGCGCGTTAG-3'	Tube AT-06	5'-CCGTCCCTGA-3'
Tube AS-07	5'-GACGAGCAGG-3'	Tube AT-07	5'-ACTGCGACCA-3'
Tube AS-08	5'-GGCTGCCAGT-3'	Tube AT-08	5'-TCCTCGTGGG-3'
Tube AS-09	5'-TGGAGTCCCC-3'	Tube AT-09	5'-CCGTTAGCGT-3'
Tube AS-10	5'-CCCGTCTACC-3'	Tube AT-10	5'-ACCTCCGGTC-3'
Tube AS-11	5'-ACCGTGCCGT-3'	Tube AT-11	5'-CCAGATCTCC-3'
Tube AS-12	5'-TGACCAGGCA-3'	Tube AT-12	5'-CTGCCTAGCC-3'
Tube AS-13	5'-CACGGACCGA-3'	Tube AT-13	5'-CTGGTGAAG-3'
Tube AS-14	5'-TCGCAGCGTT-3'	Tube AT-14	5'-GTGCCGCACT-3'
Tube AS-15	5'-CTGCAATGGG-3'	Tube AT-15	5'-TGACGCACGG-3'
Tube AS-16	5'-AACCCCTCCC-3'	Tube AT-16	5'-CTCTCCGTAG-3'
Tube AS-17	5'-AGTTCCGCGA-3'	Tube AT-17	5'-AGCGACTGCT-3'
Tube AS-18	5'-GTTGCGCAGT-3'	Tube AT-18	5'-CCAGCTGTGA-3'
Tube AS-19	5'-TGACAGCCCC-3'	Tube AT-19	5'-ACCAAGGCAC-3'
Tube AS-20	5'-TCTGCCTGGA-3'	Tube AT-20	5'-ACATCAGCCC-3'

RAPD 10-mer Set AU		RAPD 10-mer Set AV	
Tube AU-01	5'-GGGATGGAAC-3'	Tube AV-01	5'-TGAGGGGGAA-3'
Tube AU-02	5'-CCAACCCGCA-3'	Tube AV-02	5'-TCACCGTGTC-3'
Tube AU-03	5'-ACGAAACGGG-3'	Tube AV-03	5'-TGTAGCCGTG-3'
Tube AU-04	5'-GGCTTCTGTC-3'	Tube AV-04	5'-TCTGCCATCC-3'
Tube AU-05	5'-GAGCTACCGT-3'	Tube AV-05	5'-GTGAGCGTGG-3'
Tube AU-06	5'-TCTCTAGGGG-3'	Tube AV-06	5'-CCCAGATCC-3'
Tube AU-07	5'-AGACCCTTGG-3'	Tube AV-07	5'-CTACCAGGGA-3'
Tube AU-08	5'-CACCGATCCA-3'	Tube AV-08	5'-TGAGAAGCGG-3'
Tube AU-09	5'-ACGGCCAATC-3'	Tube AV-09	5'-GAGGTCTAC-3'
Tube AU-10	5'-GGCGTATGGT-3'	Tube AV-10	5'-ACCCCTGGCA-3'
Tube AU-11	5'-CTTCTCGGTC-3'	Tube AV-11	5'-GACCCGACA-3'
Tube AU-12	5'-CCACTCGTGT-3'	Tube AV-12	5'-AGCCGTCAA-3'
Tube AU-13	5'-CCAAGCACAC-3'	Tube AV-13	5'-CTGACTTCCC-3'
Tube AU-14	5'-CACCTCGACC-3'	Tube AV-14	5'-CTCCGGATCA-3'
Tube AU-15	5'-TGCTGACGAC-3'	Tube AV-15	5'-GGCAGCAGGT-3'
Tube AU-16	5'-TCTTAGGCGG-3'	Tube AV-16	5'-GACAAGGACC-3'
Tube AU-17	5'-TTGGCATCCC-3'	Tube AV-17	5'-CTCGAACCCC-3'

Tube AU-18	5'-CACCACTAGG-3'	Tube AV-18	5'-TTGCTCACGG-3'
Tube AU-19	5'-AGCCTGGGGA-3'	Tube AV-19	5'-CTCGATCACC-3'
Tube AU-20	5'-GTCGAAACCC-3'	Tube AV-20	5'-TCATGCGCAC-3'

RAPD 10-mer Set AW		RAPD 10-mer Set AX	
Tube AW-01	5'-ACCTAGGGGA-3'	Tube AX-01	5'-GTGTGCCGTT-3'
Tube AW-02	5'-TCGCAGGTTC-3'	Tube AX-02	5'-GGGAGGCAAA-3'
Tube AW-03	5'-CCATGCGGAG-3'	Tube AX-03	5'-CCAAGAGGCT-3'
Tube AW-04	5'-AGGAGCGACA-3'	Tube AX-04	5'-TCCCCAGGAG-3'
Tube AW-05	5'-CTGCTTCGAG-3'	Tube AX-05	5'-AGTGCACACC-3'
Tube AW-06	5'-TTTGGGCCCC-3'	Tube AX-06	5'-AGGCATCGTG-3'
Tube AW-07	5'-AGCCCCAAG-3'	Tube AX-07	5'-ACGCGACAGA-3'
Tube AW-08	5'-CTGTCTGTGG-3'	Tube AX-08	5'-AGTATGGCGG-3'
Tube AW-09	5'-ACTGGGTCGG-3'	Tube AX-09	5'-GGAAGTCCTG-3'
Tube AW-10	5'-GGTGTGGCC-3'	Tube AX-10	5'-CCAGGCTGAC-3'
Tube AW-11	5'-CTGCCACGAG-3'	Tube AX-11	5'-TGATTGCGGG-3'
Tube AW-12	5'-GAGCAAGGCA-3'	Tube AX-12	5'-GGTCGGGTCA-3'
Tube AW-13	5'-CTACGATGCC-3'	Tube AX-13	5'-GAGCACTGCT-3'
Tube AW-14	5'-GGTCTGCTC-3'	Tube AX-14	5'-CACGGGCTTG-3'
Tube AW-15	5'-CCAGTCCCAA-3'	Tube AX-15	5'-CAGCAATCCC-3'
Tube AW-16	5'-TTACCCCGCT-3'	Tube AX-16	5'-GTCTGTGCGG-3'
Tube AW-17	5'-TGCTGCTGCC-3'	Tube AX-17	5'-TGGGCTCTGG-3'
Tube AW-18	5'-GGCGCAACTG-3'	Tube AX-18	5'-GTGTGCAGTG-3'
Tube AW-19	5'-GGACACAGAG-3'	Tube AX-19	5'-CCCTGTGCGCA-3'
Tube AW-20	5'-TGTCCTAGCC-3'	Tube AX-20	5'-ACACTCGGCA-3'

RAPD 10-mer Set AY		RAPD 10-mer Set AZ	
Tube AY-01	5'-GTCCACCTCT-3'	Tube AZ-01	5'-TCGGATCCGT-3'
Tube AY-02	5'-TGCGAAGGCT-3'	Tube AZ-02	5'-CCTGAACGGA-3'
Tube AY-03	5'-TTTCCGGGAG-3'	Tube AZ-03	5'-GGCTGTGTGG-3'
Tube AY-04	5'-AAGGCTCGAC-3'	Tube AZ-04	5'-CCAGCCTCAG-3'
Tube AY-05	5'-TCGCTGCGTT-3'	Tube AZ-05	5'-TCCGCATACC-3'
Tube AY-06	5'-GGCTTCGCAA-3'	Tube AZ-06	5'-CCTTCGGAGG-3'
Tube AY-07	5'-GACCGTCTGT-3'	Tube AZ-07	5'-CACGAGTCTC-3'
Tube AY-08	5'-AGGCTTCCCT-3'	Tube AZ-08	5'-TCGCTCGTAG-3'
Tube AY-09	5'-CCGATCCAAC-3'	Tube AZ-09	5'-CCTTGACCCC-3'
Tube AY-10	5'-CAAGGCCCT-3'	Tube AZ-10	5'-ACTCTGGGGA-3'
Tube AY-11	5'-ACGCGCCTTC-3'	Tube AZ-11	5'-TCCAGCGCGT-3'
Tube AY-12	5'-CTGTGCGCGT-3'	Tube AZ-12	5'-GATGGGCCTG-3'
Tube AY-13	5'-CCGCTCGTAA-3'	Tube AZ-13	5'-CCCAGGCAA-3'

Tube AY-14	5'-GGTGGGTAGA-3'	Tube AZ-14	5'-CACGGCTTCC-3'
Tube AY-15	5'-CCAAGAGGCA-3'	Tube AZ-15	5'-TCCGCTAGTC-3'
Tube AY-16	5'-GGTGTGGTTC-3'	Tube AZ-16	5'-AGGCGAACTG-3'
Tube AY-17	5'-GGTGATTCGG-3'	Tube AZ-17	5'-CACGCAGATG-3'
Tube AY-18	5'-ACCCCAACCA-3'	Tube AZ-18	5'-CCGACGTTGA-3'
Tube AY-19	5'-AACTTGGCC-3'	Tube AZ-19	5'-ACACTCTCGG-3'
Tube AY-20	5'-TCATTCGCC-3'	Tube AZ-20	5'-CATCACCCCT-3'

RAPD 10-mer Set BA		RAPD 10-mer Set BB	
Tube BA-01	5'-TTCCCCACCC-3'	Tube BB-01	5'-ACACTGGCTG-3'
Tube BA-02	5'-TGCTCGGCTC-3'	Tube BB-02	5'-CCCCGTTAG-3'
Tube BA-03	5'-GTGCGAGAAC-3'	Tube BB-03	5'-TCACGTGGCT-3'
Tube BA-04	5'-TCCTAGGCTC-3'	Tube BB-04	5'-ACCAGTCCAC-3'
Tube BA-05	5'-TGCGTTCCAC-3'	Tube BB-05	5'-GGGCCGAACA-3'
Tube BA-06	5'-GGACGACCGT-3'	Tube BB-06	5'-CTGAAGCTGG-3'
Tube BA-07	5'-GGGTGCGATC-3'	Tube BB-07	5'-GAAGGCTGGG-3'
Tube BA-08	5'-CCACAGCCGA-3'	Tube BB-08	5'-TCGTGAAGG-3'
Tube BA-09	5'-GGAACCCAC-3'	Tube BB-09	5'-AGGCCGGTCA-3'
Tube BA-10	5'-GGACGTTGAG-3'	Tube BB-10	5'-ACTTGCCTGG-3'
Tube BA-11	5'-CCACCTTCAG-3'	Tube BB-11	5'-TGCGGGTTCC-3'
Tube BA-12	5'-TGTTGGGCAC-3'	Tube BB-12	5'-TTCGGCCGAC-3'
Tube BA-13	5'-AGGGCGAATG-3'	Tube BB-13	5'-CTTCGGTGTG-3'
Tube BA-14	5'-TCGGGAGTGG-3'	Tube BB-14	5'-GTGGGACCTG-3'
Tube BA-15	5'-GAAGACCTGG-3'	Tube BB-15	5'-AAGTGCCTG-3'
Tube BA-16	5'-CCACGCATCA-3'	Tube BB-16	5'-TCGGCACCGT-3'
Tube BA-17	5'-TGTACCCCTG-3'	Tube BB-17	5'-ACACCGTGCC-3'
Tube BA-18	5'-CTCGGATGTC-3'	Tube BB-18	5'-CAACCGGTCT-3'
Tube BA-19	5'-CCATCCGTTG-3'	Tube BB-19	5'-TTGCGGACAG-3'
Tube BA-20	5'-GAGCGCTACC-3'	Tube BB-20	5'-CCAGGTGTAG-3'

RAPD 10-mer Set BC		RAPD 10-mer Set BD	
Tube BC-01	5'-CCTTCGGCTC-3'	Tube BD-01	5'-TCACTCGCTC-3'
Tube BC-02	5'-ACAGTAGCGG-3'	Tube BD-02	5'-CCTCCCCAAG-3'
Tube BC-03	5'-GGCTTGACCT-3'	Tube BD-03	5'-GAGCCCCGAA-3'
Tube BC-04	5'-CCACGTGCCA-3'	Tube BD-04	5'-TCGGGTGTTG-3'
Tube BC-05	5'-GAGGCGATTG-3'	Tube BD-05	5'-GTGCGGAGAG-3'
Tube BC-06	5'-GAAGCGGAGA-3'	Tube BD-06	5'-AAGCTGGCGT-3'
Tube BC-07	5'-TGTGCCTGAC-3'	Tube BD-07	5'-GAGCTGGTCC-3'
Tube BC-08	5'-GGTCTTCCCT-3'	Tube BD-08	5'-CATACGGGCT-3'
Tube BC-09	5'-GTCATGCGAC-3'	Tube BD-09	5'-CCACGGTCAG-3'

Tube BC-10	5'-AACGTCGAGG-3'		Tube BD-10	5'-GACGCTATGG-3'
Tube BC-11	5'-TTTTGCCCCC-3'		Tube BD-11	5'-CAACCGAGTC-3'
Tube BC-12	5'-CCTCCACCAG-3'		Tube BD-12	5'-GGGAACCGTC-3'
Tube BC-13	5'-CCTGGCACAG-3'		Tube BD-13	5'-CCTGGAACGG-3'
Tube BC-14	5'-GGTCCGACGA-3'		Tube BD-14	5'-TCCCTGTGAG-3'
Tube BC-15	5'-CCAGACTCCA-3'		Tube BD-15	5'-TGTCGTGGTC-3'
Tube BC-16	5'-CTGGTGCTCA-3'		Tube BD-16	5'-GAACTCCCAG-3'
Tube BC-17	5'-CCGTTAGTCC-3'		Tube BD-17	5'-GTTGCTCCC-3'
Tube BC-18	5'-GTGAAGGAGG-3'		Tube BD-18	5'-ACGCACACTC-3'
Tube BC-19	5'-ACAAGCGCGA-3'		Tube BD-19	5'-GGTTCCTCTC-3'
Tube BC-20	5'-AGCACTGGGG-3'		Tube BD-20	5'-AGGCGGCACA-3'

RAPD 10-mer Set BE		RAPD 10-mer Set BF	
Tube BE-01	5'-CACTCCTGGT-3'	Tube BF-01	5'-GGAGCTGACT-3'
Tube BE-02	5'-ACGCCTGTAG-3'	Tube BF-02	5'-GACACACTCC-3'
Tube BE-03	5'-TGGACTCGGT-3'	Tube BF-03	5'-TCCCTTGACC-3'
Tube BE-04	5'-CCCAAGCGAA-3'	Tube BF-04	5'-GACAGGTTGG-3'
Tube BE-05	5'-GGAACGCTAC-3'	Tube BF-05	5'-CACCCCGAAA-3'
Tube BE-06	5'-CAGCGGGTCA-3'	Tube BF-06	5'-TCCACGGGCA-3'
Tube BE-07	5'-CCGTCCTATG-3'	Tube BF-07	5'-CACCATCGTG-3'
Tube BE-08	5'-GGGAAGCGTC-3'	Tube BF-08	5'-CCTGGGTCCA-3'
Tube BE-09	5'-CCCGCTTCC-3'	Tube BF-09	5'-ACCCAGTTG-3'
Tube BE-10	5'-AAGCGGCCCT-3'	Tube BF-10	5'-GTGACCAGAG-3'
Tube BE-11	5'-GTCCTGCTGT-3'	Tube BF-11	5'-GACGACCGCA-3'
Tube BE-12	5'-GGTTGTTCCC-3'	Tube BF-12	5'-CTTCGCTGTC-3'
Tube BE-13	5'-TCGGTGAGTC-3'	Tube BF-13	5'-CCGCCGGTAA-3'
Tube BE-14	5'-CTTTGCGCAC-3'	Tube BF-14	5'-CCGCGTTGAG-3'
Tube BE-15	5'-TTCGGCGATG-3'	Tube BF-15	5'-ACGCGAACCT-3'
Tube BE-16	5'-CTCCACGACT-3'	Tube BF-16	5'-AGGGTCCGTG-3'
Tube BE-17	5'-GGGAAAAGCC-3'	Tube BF-17	5'-CAAGTCTGTG-3'
Tube BE-18	5'-CCAAGCCGTC-3'	Tube BF-18	5'-AGCCAAGGAC-3'
Tube BE-19	5'-AGGCCAACAG-3'	Tube BF-19	5'-TTCCCGCACT-3'
Tube BE-20	5'-CAAAGGCGTG-3'	Tube BF-20	5'-ACCCTGAGGA-3'

RAPD 10-mer Set BG		RAPD 10-mer Set BH	
Tube BG-01	5'-GTGGCTCTCC-3'	Tube BH-01	5'-CCGACTCTGG-3'
Tube BG-02	5'-GGAAAGCCCA-3'	Tube BH-02	5'-GTAAGCCGAG-3'
Tube BG-03	5'-GTGCCACTTC-3'	Tube BH-03	5'-GGAGCAGCAA-3'
Tube BG-04	5'-GTTCCCGACA-3'	Tube BH-04	5'-ACCTGCCAAC-3'
Tube BG-05	5'-CAAGCCGTGA-3'	Tube BH-05	5'-GTAGGTGCGA-3'

Tube BG-06	5'-GTGGATCGTC-3'	Tube BH-06	5'-TCGTGGCACA-3'
Tube BG-07	5'-CAGAGGTTCC-3'	Tube BH-07	5'-TGTACGGCAC-3'
Tube BG-08	5'-GACCAGAGGT-3'	Tube BH-08	5'-ACGGAGGCAG-3'
Tube BG-09	5'-GGCTCTGGGT-3'	Tube BH-09	5'-GTCTTCCGTC-3'
Tube BG-10	5'-GGGATAAGGG-3'	Tube BH-10	5'-GTGTGCCTGG-3'
Tube BG-11	5'-ACGGCAATGG-3'	Tube BH-11	5'-AGCCCAAAGG-3'
Tube BG-12	5'-CCCGAGAAAC-3'	Tube BH-12	5'-TCGCCTTGTC-3'
Tube BG-13	5'-GGTTGGGCCA-3'	Tube BH-13	5'-AGTTGGGCAG-3'
Tube BG-14	5'-GACCAGCCCA-3'	Tube BH-14	5'-ACCGTGGGTG-3'
Tube BG-15	5'-ACGGGAGAGA-3'	Tube BH-15	5'-GAGAACGCTG-3'
Tube BG-16	5'-TGCTTGGGTG-3'	Tube BH-16	5'-CTGCGGGTTC-3'
Tube BG-17	5'-TCCGGGACTC-3'	Tube BH-17	5'-CTCTTACGGG-3'
Tube BG-18	5'-TGGCGCTGGT-3'	Tube BH-18	5'-GACGCTTGTC-3'
Tube BG-19	5'-GGTCTCGCTC-3'	Tube BH-19	5'-GTCGTGCGGA-3'
Tube BG-20	5'-TGGTACCTGG-3'	Tube BH-20	5'-CACCGACATC-3'

