

온라인용 Brochure입니다.

Operon RAPD 10 mer Kit



KIT A	
PRIMER NAME	SEQUENCE
OPA-01	CAGGCCCTTC
OPA-02	TGCCGAGCTG
OPA-03	AGTCAGCCAC
OPA-04	AATCGGGCTG
OPA-05	AGGGGTCTTG
OPA-06	GGTCCCTGAC
OPA-07	GAAACGGGTG
OPA-08	GTGACGTAGG
OPA-09	GGGTAACGCC
OPA-10	GTGATCGCAG
OPA-11	CAATCGCCGT
OPA-12	TCGGCGATAG
OPA-13	CAGCACCCAC
OPA-14	TCTGTGCTGG
OPA-15	TTCCGAACCC
OPA-16	AGCCAGCGAA
OPA-17	GACCGTTTGT
OPA-18	AGGTGACCGT
OPA-19	CAAACGTCGG
OPA-20	GTTGCGATCC

KIT B	
PRIMER NAME	SEQUENCE
OPB-01	GTTTCGCTCC
OPB-02	TGATCCCTGG
OPB-03	CATCCCCCTG
OPB-04	GGACTGGAGT
OPB-05	TGCGCCCTTC
OPB-06	TGCTCTGCC
OPB-07	GGTGACGCAG
OPB-08	GTCCACACGG
OPB-09	TGGGGGACTC
OPB-10	CTGCTGGGAC
OPB-11	GTAGACCCGT
OPB-12	CCTTGACGTA
OPB-13	TTCCCCCGCT
OPB-14	TCCGCTCTGG
OPB-15	GGAGGGTGTT
OPB-16	TTTGCCCGGA
OPB-17	AGGGAACAGT
OPB-18	CCACAGCAGT
OPB-19	ACCCCGAAG
OPB-20	GGACCTTAC

KIT C	
PRIMER NAME	SEQUENCE
OPC-01	TTCGAGCCAG
OPC-02	GTGAGGCGTC
OPC-03	GGGGTCTTT
OPC-04	CCGCATCTAC
OPC-05	GATGACC GCC
OPC-06	GAACGGACTC
OPC-07	GTCCCGACGA
OPC-08	TGGACCGGTG
OPC-09	CTCACCGTCC
OPC-10	TGTCTGGGTG
OPC-11	AAAGCTGCGG
OPC-12	TGCATCCCC
OPC-13	AAGCCTCGTC
OPC-14	TGCGTGCTTG
OPC-15	GACGGATCAG
OPC-16	CACACTCCAG
OPC-17	TTCCCCCAG
OPC-18	TGAGTGGGTG
OPC-19	GTTGCCAGCC
OPC-20	ACTTCGCCAC

KIT D	
PRIMER NAME	SEQUENCE
OPD-01	ACCGCGAAGG
OPD-02	GGACCCAACC
OPD-03	GTCGCCGTCA
OPD-04	TCTGGTGAGG
OPD-05	TGAGCGGACA
OPD-06	ACCTGAACGG
OPD-07	TTGGCACGGG
OPD-08	GTGTGCCCCA
OPD-09	CTCTGGAGAC
OPD-10	GGTCTACACC
OPD-11	AGCGCCATTG
OPD-12	CACCGTATCC
OPD-13	GGGGTGACGA
OPD-14	CTTCCCCAAG
OPD-15	CATCCGTGCT
OPD-16	AGGGCGTAAG
OPD-17	TTTCCCACGG
OPD-18	GAGACCCAAC
OPD-19	CTGGGGACTT
OPD-20	ACCCGGTACC

KIT E	
PRIMER NAME	SEQUENCE
OPE-01	CCCAAGGTCC
OPE-02	GGTGCGGGAA
OPE-03	CCAGATGCAC
OPE-04	GTGACATGCC
OPE-05	TCAGGGAGGT
OPE-06	AAGACCCCTC
OPE-07	AGATGCAGCC
OPE-08	TCACCACGGT
OPE-09	CTTCACCCGA
OPE-10	CACCAGGTGA
OPE-11	GAGTCTCAGG
OPE-12	TTATCGCCCC
OPE-13	CCCGATTTCGG
OPE-14	TGCGGCTGAG
OPE-15	ACGCACAACC
OPE-16	GGTGACTGTG
OPE-17	CTACTGCCGT
OPE-18	GGACTGCAGA
OPE-19	ACGGCGTATG
OPE-20	AACGGTGACC

KIT F	
PRIMER NAME	SEQUENCE
OPF-01	ACGGATCCTG
OPF-02	GAGGATCCCT
OPF-03	CCTGATCACC
OPF-04	GGTGATCAGG
OPF-05	CCGAATTCCC
OPF-06	GGGAATTTCGG
OPF-07	CCGATATCCC
OPF-08	GGGATATCGG
OPF-09	CCAAGCTTCC
OPF-10	GGAAGCTTGG
OPF-11	TTGGTACCCC
OPF-12	ACGGTACCAG
OPF-13	GGCTGCAGAA
OPF-14	TGCTGCAGGT
OPF-15	CCAGTACTCC
OPF-16	GGAGTACTGG
OPF-17	AACCCGGGAA
OPF-18	TTCCCGGGTT
OPF-19	CCTCTAGACC
OPF-20	GGTCTAGAGG

KIT G	
PRIMER NAME	SEQUENCE
OPG-01	CTACGGAGGA
OPG-02	GGCACTGAGG
OPG-03	GAGCCCTCCA
OPG-04	AGCGTGCTCG
OPG-05	CTGAGACGGA
OPG-06	GTGCCTAACCC
OPG-07	GAACCTGCGG
OPG-08	TCACGTCCAC
OPG-09	CTGACGTCCAC
OPG-10	AGGGCCGTCT
OPG-11	TGCCCGTCTG
OPG-12	CAGCTCACGA
OPG-13	CTCTCCGCCA
OPG-14	GGATGAGACC
OPG-15	ACTGGGACTC
OPG-16	AGCGTCTCTCC
OPG-17	ACGACCGACA
OPG-18	GGCTCATGTG
OPG-19	GTCAGGGCAA
OPG-20	TCTCCCTCAG

KIT H	
PRIMER NAME	SEQUENCE
OPH-01	GGTCCGAGAA
OPH-02	TCGGACGTGA
OPH-03	AGACGTCCAC
OPH-04	GGAAGTCGCC
OPH-05	AGTCGTCCCC
OPH-06	ACGCATCGCA
OPH-07	CTGCATCGTG
OPH-08	GAAACACCCC
OPH-09	TGTAGCTGGG
OPH-10	CCTACGTACAG
OPH-11	CTTCCGCAGT
OPH-12	ACGCGCATGT
OPH-13	GACGCCACAC
OPH-14	ACCAGTTTGG
OPH-15	AATGGCGCAG
OPH-16	TCTCAGCTGG
OPH-17	CACTCTCTC
OPH-18	GAATCGGCCA
OPH-19	CTGACCAGCC
OPH-20	GGGAGACATC

KIT I	
PRIMER NAME	SEQUENCE
OPI-01	ACCTGGACAC
OPI-02	GGAGGAGAGG
OPI-03	CAGAAGCCCA
OPI-04	CCGCCTAGTC
OPI-05	TGTTCCACGG
OPI-06	AAGGCGGCAG
OPI-07	CAGCGACAAG
OPI-08	TTTGCCCGGT
OPI-09	TGGAGAGCAG
OPI-10	ACAACGCGAG
OPI-11	ACATGCCGTG
OPI-12	AGAGGGCACA
OPI-13	CTGGGGCTGA
OPI-14	TGACCGCGGT
OPI-15	TCATCCGAGG
OPI-16	TCTCCGCCCT
OPI-17	GGTGGTGATG
OPI-18	TGCCACGCCT
OPI-19	AATGCGGGAG
OPI-20	AAAGTGCGGG

KIT J	
PRIMER NAME	SEQUENCE
OPJ-01	CCCGGCATAA
OPJ-02	CCGTTTGGGA
OPJ-03	TCTCCGCTTG
OPJ-04	CCGAACACGG
OPJ-05	CTCCATGGGG
OPJ-06	TCGTTCCGCA
OPJ-07	CCTCTCGACA
OPJ-08	CATACCGTGG
OPJ-09	TGAGCCTCAC
OPJ-10	AAGCCCGAGG
OPJ-11	ACTCCTGCGA
OPJ-12	GTCCCGTGGT
OPJ-13	CCACACTACC
OPJ-14	CACCCGGATG
OPJ-15	TGTAGCAGGG
OPJ-16	CTGCTTAGGG
OPJ-17	ACGCCAGTTC
OPJ-18	TGGTGCAGGA
OPJ-19	GGACACACT
OPJ-20	AAGCGGCCTC

KIT K	
PRIMER NAME	SEQUENCE
OPK-01	CATTTCGAGCC
OPK-02	GTCTCCGCAA
OPK-03	CCAGCTTAGG
OPK-04	CCGCCCAAAC
OPK-05	TCTGTGAGG
OPK-06	CACCTTTCCC
OPK-07	AGCGAGCAAG
OPK-08	GAACACTGGG
OPK-09	CCCTACCGAC
OPK-10	GTGCAACGTG
OPK-11	AATGCCCCAG
OPK-12	TGGCCCTCAC
OPK-13	GGTTGTACCC
OPK-14	CCCCTACAC
OPK-15	CTCCTGCCAA
OPK-16	GAGCGTCGAA
OPK-17	CCCAGCTGTG
OPK-18	CCTAGTCGAG
OPK-19	CACAGGCGGA
OPK-20	GTGTGCGGAG

KIT L	
PRIMER NAME	SEQUENCE
OPL-01	GGCATGACCT
OPL-02	TGGGCGTCAA
OPL-03	CCAGCAGCTT
OPL-04	GACTGCACAC
OPL-05	ACGCAGGCAC
OPL-06	GAGGGAAGAG
OPL-07	AGGCGGGAAC
OPL-08	AGCAGGTGGA
OPL-09	TGCGAGAGTC
OPL-10	TGGGAGATGG
OPL-11	ACGATGAGCC
OPL-12	GGGCGGTACT
OPL-13	ACCGCTGCT
OPL-14	GTGACAGGCT
OPL-15	AAGAGAGGGG
OPL-16	AGTTGCAAGG
OPL-17	AGCCTGAGCC
OPL-18	ACCACCCACC
OPL-19	GAGTGGTGAC
OPL-20	TGGTGGACCA

KIT M	
PRIMER NAME	SEQUENCE
OPM-01	GTTGGTGGCT
OPM-02	ACAACGCCTC
OPM-03	GGGGGATGAG
OPM-04	GGCGGTTGTC
OPM-05	GGGAACGTGT
OPM-06	CTGGGCAACT
OPM-07	CCGTGACTCA
OPM-08	TCTGTTCCCC
OPM-09	GTCTTGCGGA
OPM-10	TCTGGCGCAC
OPM-11	GTCCACTGTG
OPM-12	GGGACGTTGG
OPM-13	GGTGGTCAAG
OPM-14	AGGGTCGTTT
OPM-15	GACCTACCAC
OPM-16	GTAACAGGCC
OPM-17	TCAGTCCGGG
OPM-18	CACCATCCGT
OPM-19	CCTTCAGGCA
OPM-20	AGGTCTGGGG

KIT N	
PRIMER NAME	SEQUENCE
OPN-01	CTCAGTGGG
OPN-02	ACCAGGGGCA
OPN-03	GGTACTCCCC
OPN-04	GACCGACCCA
OPN-05	ACTGAACGCC
OPN-06	GAGACGCACA
OPN-07	CAGCCCAGAG
OPN-08	ACCTCAGCTC
OPN-09	TGCCGGCTTG
OPN-10	ACAACCTGGGG
OPN-11	TCGCCGCAAA
OPN-12	CACAGACACC
OPN-13	AGCGTCACTC
OPN-14	TCGTGCGGGT
OPN-15	CAGCGACTGT
OPN-16	AAGCGACTTG
OPN-17	CATTGGGGAG
OPN-18	GGTAGAGTCA
OPN-19	GTCCGTACTG
OPN-20	GGTGCTCCGT

KIT O	
PRIMER NAME	SEQUENCE
OPO-01	GGCACGTAAG
OPO-02	ACGTAGCGTC
OPO-03	CTGTTGCTAC
OPO-04	AAGTCCGCTC
OPO-05	CCCAGTCACT
OPO-06	CCACGGGAAG
OPO-07	CAGCACTGAC
OPO-08	CCTCCAGTGT
OPO-09	TCCCACGCAA
OPO-10	TCAGAGCGCC
OPO-11	GACAGGAGGT
OPO-12	CAGTGTGTG
OPO-13	GTCAGAGTCC
OPO-14	AGCATGGCTC
OPO-15	TGGCGTCCTT
OPO-16	TCGGCGGTTT
OPO-17	GGCTTATGCC
OPO-18	CTCGCTATCC
OPO-19	GGTGCACGTT
OPO-20	ACACACGCTG

KIT P	
PRIMER NAME	SEQUENCE
OPP-01	GTAGCACTCC
OPP-02	TCGGCACGCA
OPP-03	CTGATACGCC
OPP-04	GTGTCTCAGG
OPP-05	CCCCGGTAAC
OPP-06	GTGGGCTGAC
OPP-07	GTCCATGCCA
OPP-08	ACATCGCCCA
OPP-09	GTGGTCCGCA
OPP-10	TCCCCGCTAC
OPP-11	AACCGCTCGG
OPP-12	AAGGGCGAGT
OPP-13	GGAGTGCCTC
OPP-14	CCAGCCGAAC
OPP-15	GGAAGCCAAC
OPP-16	CCAAGCTGCC
OPP-17	TGACCCGCTT
OPP-18	GGTATGGCCT
OPP-19	GGGAAGGACA
OPP-20	GACCCTAGTC

KIT Q	
PRIMER NAME	SEQUENCE
OPQ-01	GGGACGATGG
OPQ-02	TCTGTGCGTC
OPQ-03	GGTCACTCTA
OPQ-04	AGTGCCTGTA
OPQ-05	CCGCGTCTTG
OPQ-06	GAGCGCCTTG
OPQ-07	CCCCGATGGT
OPQ-08	CTCCAGCGGA
OPQ-09	GGTAACCGA
OPQ-10	TGTGCCCGAA
OPQ-11	TCTCCGCAAC
OPQ-12	AGTAGGGCAC
OPQ-13	GGAGTGGACA
OPQ-14	GGACGCTTCA
OPQ-15	GGTAACGTG
OPQ-16	AGTGCAGCCA
OPQ-17	GAAGCCCTTG
OPQ-18	AGGCTGGGTG
OPQ-19	CCCCCTATCA
OPQ-20	TCGCCAGTCT

KIT R	
PRIMER NAME	SEQUENCE
OPR-01	TGCGGGTCTT
OPR-02	CACAGCTGCC
OPR-03	ACACAGAGGG
OPR-04	CCCCGCTTGA
OPR-05	GACCTAGTGG
OPR-06	GTCTACGGCA
OPR-07	ACTGCCTGTA
OPR-08	CCCGTTGCCT
OPR-09	TGAGCACGAG
OPR-10	CCATTCCTCA
OPR-11	GTAGCCGTCT
OPR-12	ACAGGTGCGT
OPR-13	GGACGACAAG
OPR-14	CAGGATTCCC
OPR-15	GGACAACGAG
OPR-16	CTCTGCGCGT
OPR-17	CCGTACGTAG
OPR-18	GGCTTTGCCA
OPR-19	CCTCTCATCT
OPR-20	ACGGCAAGGA

KIT S	
PRIMER NAME	SEQUENCE
OPS-01	CTACTGCGCT
OPS-02	CCTCTGACTG
OPS-03	CAGAGGTCCC
OPS-04	CACCCCTTGG
OPS-05	TTTGGGGCCT
OPS-06	GATACCTCGG
OPS-07	TCCGATGCTG
OPS-08	TTCAGGGTGG
OPS-09	TCCTGGTCCC
OPS-10	ACCGTTCCAG
OPS-11	AGTCGGGTGG
OPS-12	CTGGGTGAGT
OPS-13	GTCGTTCCCTG
OPS-14	AAAGGGGTCC
OPS-15	CAGTTCACGG
OPS-16	AGGGGGTTCC
OPS-17	TGGGGACCAC
OPS-18	CTGGCGAACT
OPS-19	GAGTCAGCAG
OPS-20	TCTGGACGGA

KIT T	
PRIMER NAME	SEQUENCE
OPT-01	GGGCCACTCA
OPT-02	GGAGAGACTC
OPT-03	TCCAATCCTG
OPT-04	CACAGAGGGA
OPT-05	GGGTTTGCCA
OPT-06	CAAGGGCAGA
OPT-07	GGCAGGCTGT
OPT-08	AACGGCGACA
OPT-09	CACCCCTGAG
OPT-10	CCTTCGGGAA
OPT-11	TTCCCGCGCA
OPT-12	GGGTGTGTAG
OPT-13	AGGACTGCCA
OPT-14	AATGCCCGAG
OPT-15	GGATGCCACT
OPT-16	GGTGAACGCT
OPT-17	CCAACGTCGT
OPT-18	GATGCCAGAC
OPT-19	GTCCGTATGG
OPT-20	GACCAATGCC

KIT U	
PRIMER NAME	SEQUENCE
OPU-01	ACGGACGTCA
OPU-02	CTGAGGTCTC
OPU-03	CTATGCCGAC
OPU-04	ACCTTCGGAC
OPU-05	TTGGCGGCCT
OPU-06	ACTTTTCGGG
OPU-07	CCTGCTCATC
OPU-08	GGCGAAGGTT
OPU-09	CCACATCGGT
OPU-10	ACCTCGGCAC
OPU-11	AGACCCAGAG
OPU-12	TCACCAGCCA
OPU-13	GGCTGGTTCC
OPU-14	TGGGTCCCTC
OPU-15	ACGGGGCAGT
OPU-16	CTGCGCTGGA
OPU-17	ACCTGGGGAG
OPU-18	GAGGTCCACA
OPU-19	GTCAGTGCGG
OPU-20	ACAGCCCCCA

KIT V	
PRIMER NAME	SEQUENCE
OPV-01	TGACGCATGG
OPV-02	AGTCACTCCC
OPV-03	CTCCCTGCAA
OPV-04	CCCCTCACGA
OPV-05	TCCGAGAGGG
OPV-06	ACGCCAGGTT
OPV-07	GAAGCCAGCC
OPV-08	GGACGGCGTT
OPV-09	TGTACCCGTC
OPV-10	GGACCTGCTG
OPV-11	CTCGACAGAG
OPV-12	ACCCCTCACT
OPV-13	ACCCCTGAA
OPV-14	AGATCCCGCC
OPV-15	CAGTGCCGGT
OPV-16	ACACCCACCA
OPV-17	ACCGGCTTGT
OPV-18	TGGTGGCGTT
OPV-19	GGGTGTGCAG
OPV-20	CAGCATGGTC

KIT W	
PRIMER NAME	SEQUENCE
OPW-01	CTCAGTGTCC
OPW-02	ACCCCGCCAA
OPW-03	GTCCGGAGTG
OPW-04	CAGAAGCGGA
OPW-05	GGCGGATAAG
OPW-06	AGGCCCGATG
OPW-07	CTGGACGTCA
OPW-08	GAATGCTCTT
OPW-09	GTGACCGAGT
OPW-10	TCCGATCCCT
OPW-11	CTGATGCGTG
OPW-12	TGGGCAGAAG
OPW-13	CACAGCGACA
OPW-14	CTGCTGAGCA
OPW-15	ACACCCGAAC
OPW-16	CAGCTACCA
OPW-17	GTCTGGGTTT
OPW-18	TTCAGGGCAC
OPW-19	CAAAGCGCTC
OPW-20	TGTGGCAGCA

KIT X	
PRIMER NAME	SEQUENCE
OPX-01	CTGGGCACGA
OPX-02	TTCCGCCACC
OPX-03	TGGCGCAGTG
OPX-04	CCGCTACCGA
OPX-05	CCTTTCCTCT
OPX-06	ACGCCAGAGG
OPX-07	GAGCAAGGCT
OPX-08	CAGGGGTGGA
OPX-09	GGTCTGGTTG
OPX-10	CCCTAGACTG
OPX-11	GGAGCCTCAG
OPX-12	TCGCCAGCCA
OPX-13	ACGGGAGCAA
OPX-14	ACAGGTGCTG
OPX-15	CAGACAAGCC
OPX-16	CTCTGTTCCG
OPX-17	GACACGGACC
OPX-18	GACTAGGTGG
OPX-19	TGGCAAGGCA
OPX-20	CCCAGCTAGA

KIT Y	
PRIMER NAME	SEQUENCE
OPY-01	GTGGCATCTC
OPY-02	CATCGCCGCA
OPY-03	ACAGCCTGCT
OPY-04	GGCTGCAATG
OPY-05	GGCTGCGACA
OPY-06	AAGGCTCACC
OPY-07	AGAGCCGTCA
OPY-08	AGGCAGAGCA
OPY-09	AGCAGCGCAC
OPY-10	CAAACGTGGG
OPY-11	AGACGATGGG
OPY-12	AAGCCTGCGA
OPY-13	GGGTCTCGGT
OPY-14	GGTCGATCTG
OPY-15	AGTCGCCCTT
OPY-16	GGGCCAATGT
OPY-17	GACGTGGTGA
OPY-18	GTGGAGTCAG
OPY-19	TGAGGGTCCC
OPY-20	AGCCGTGGAA

KIT Z	
PRIMER NAME	SEQUENCE
OPZ-01	TCTGTGCCAC
OPZ-02	CCTACGGGGA
OPZ-03	CAGCACCGCA
OPZ-04	AGGCTGTGCT
OPZ-05	TCCCATGCTG
OPZ-06	GTGCCGTTCA
OPZ-07	CCAGAGGAC
OPZ-08	GGGTGGGTAA
OPZ-09	CACCCAGTC
OPZ-10	CCGACAAACC
OPZ-11	CTCAGTCGCA
OPZ-12	TCAACGGGAC
OPZ-13	GACTAAGCCC
OPZ-14	TCGGAGTTTC
OPZ-15	CAGGGCTTTC
OPZ-16	TCCCATCACC
OPZ-17	CCTTCCCCTC
OPZ-18	AGGGTCTGTG
OPZ-19	GTGCGAGCAA
OPZ-20	ACTTTGGCGG

KIT AA	
PRIMER NAME	SEQUENCE
OPAA-01	AGACGGCTCC
OPAA-02	GAGACCAGAC
OPAA-03	TTAGCGCCCC
OPAA-04	AGGACTGCTC
OPAA-05	GGCTTTAGCC
OPAA-06	GTGGGTGCCA
OPAA-07	CTACGCTCAC
OPAA-08	TCCGCAGTAG
OPAA-09	AGATGGGCAG
OPAA-10	TGGTCGGGTG
OPAA-11	ACCCGACCTG
OPAA-12	GGACCTCTTG
OPAA-13	GAGCGTCGCT
OPAA-14	AACGGGCCAA
OPAA-15	ACGGAAGCCC
OPAA-16	GGAACCCACA
OPAA-17	GAGCCCGACT
OPAA-18	TGGTCCAGCC
OPAA-19	TGAGGCGTGT
OPAA-20	TTGCCTTCGG

KIT AB	
PRIMER NAME	SEQUENCE
OPAB-01	CCGTCGGTAG
OPAB-02	GGAAACCCCT
OPAB-03	TGGCGCACAC
OPAB-04	GGCACGCGTT
OPAB-05	CCCGAAGCGA
OPAB-06	GTGGCTTGGG
OPAB-07	GTAAACCGCC
OPAB-08	GTTACGGACC
OPAB-09	GGGCGACTAC
OPAB-10	TTCCCTCCCA
OPAB-11	GTGCGCAATG
OPAB-12	CCTGTACCGA
OPAB-13	CTGACCGTGG
OPAB-14	AAGTGCAGCC
OPAB-15	CCTCCTTCTC
OPAB-16	CCCGGATGGT
OPAB-17	TCGCATCCAG
OPAB-18	CTGGCTGTGC
OPAB-19	ACACCGATGG
OPAB-20	CTTCTCGGAC

KIT AC	
PRIMER NAME	SEQUENCE
OPAC-01	TCCCAGCAGA
OPAC-02	GTCGTCGTCT
OPAC-03	CACCTGGCCCA
OPAC-04	ACGGGACCTG
OPAC-05	GTTAGTGCGG
OPAC-06	CCAGAACGGA
OPAC-07	GTGGCCGATG
OPAC-08	TTTGGGTGCC
OPAC-09	AGAGCGTACC
OPAC-10	AGCAGCGAGG
OPAC-11	CCTGGGTCAG
OPAC-12	GGCGAGTGTG
OPAC-13	GACCCGATTG
OPAC-14	GTCGGTTGTC
OPAC-15	TGCCGTGAGA
OPAC-16	CCTCCTACGG
OPAC-17	CCTGGAGCTT
OPAC-18	TTGGGGGAGA
OPAC-19	AGTCCGCCTG
OPAC-20	ACGGAAGTGG

KIT AD	
PRIMER NAME	SEQUENCE
OPAD-01	CAAAGGGCGG
OPAD-02	CTGAACCGCT
OPAD-03	TCTCGCCTAC
OPAD-04	GTAGGCCTCA
OPAD-05	ACCGCATGGG
OPAD-06	AAGTGCACGG
OPAD-07	CCCTACTGGT
OPAD-08	GGCAGGCAAG
OPAD-09	TCGTTCTCTC
OPAD-10	AAGAGGCCAG
OPAD-11	CAATCGGGTC
OPAD-12	AAGAGGGCGT
OPAD-13	GGTTCTCTG
OPAD-14	GAACGAGGGT
OPAD-15	TTTGCCCGCT
OPAD-16	AACGGGCGTC
OPAD-17	GGCAAACCCT
OPAD-18	ACGAGAGGCA
OPAD-19	CTTGGCACGA
OPAD-20	TCTTCGGAGG

KIT AE	
PRIMER NAME	SEQUENCE
OPAE-01	TGAGGGCCGT
OPAE-02	TCGTTCAACC
OPAE-03	CATAGAGCGG
OPAE-04	CCAGCACTTC
OPAE-05	CCTGTCAGTG
OPAE-06	GGGGAAGACA
OPAE-07	GTGTCACTGG
OPAE-08	CTGGCTCAGA
OPAE-09	TGCCACGAGG
OPAE-10	CTGAAGCGCA
OPAE-11	AAGACCGGGA
OPAE-12	CCGAGCAATC
OPAE-13	TGTGGACTGG
OPAE-14	GAGAGGCTCC
OPAE-15	TGCCTGGACC
OPAE-16	TCCGTGCTGA
OPAE-17	GGCAGGTTCA
OPAE-18	CTGGTGCTGA
OPAE-19	GACAGTCCCT
OPAE-20	TTGACCCAG

KIT AF	
PRIMER NAME	SEQUENCE
OPAF-01	CCTACACGGT
OPAF-02	CAGCCGAGAA
OPAF-03	GAAGGAGGCA
OPAF-04	TTGCGGCTGA
OPAF-05	CCCGATCAGA
OPAF-06	CCGCAGTCTG
OPAF-07	GGAAAGCGTC
OPAF-08	CTCTGCCTGA
OPAF-09	CCCTCCAGAA
OPAF-10	GGTTGGAGAC
OPAF-11	ACTGGGCCTC
OPAF-12	GACGCAGCTT
OPAF-13	CCGAGGTGAC
OPAF-14	GGTGCAGCACT
OPAF-15	CACGAACCTC
OPAF-16	TCCCGGTGAG
OPAF-17	TGAACCGAGG
OPAF-18	GTGTCCCTCT
OPAF-19	GGACAAGCAG
OPAF-20	CTCCGCACAG

KIT AG	
PRIMER NAME	SEQUENCE
OPAG-01	CTACGGCTTC
OPAG-02	CTGAGTCCT
OPAG-03	TGCGGGAGTG
OPAG-04	GGAGCGTACT
OPAG-05	CCCACTAGAC
OPAG-06	GGTGGCCAAG
OPAG-07	CACAGACCTG
OPAG-08	AAGAGCCCTC
OPAG-09	CCGAGGGGTT
OPAG-10	ACTGCCCGAC
OPAG-11	TTACGGTGGG
OPAG-12	CTCCCAGGGT
OPAG-13	GGCTTGCGGA
OPAG-14	CTCTCGGCGA
OPAG-15	CCCACACGCA
OPAG-16	CCTGCGACAG
OPAG-17	AGCGGAAGTG
OPAG-18	GTGGGCATAC
OPAG-19	AGCCTCGGTT
OPAG-20	TGCGCTCCTC

KIT AH	
PRIMER NAME	SEQUENCE
OPAH-01	TCCGCAACCA
OPAH-02	CACTTCCGCT
OPAH-03	GGTTACTGCC
OPAH-04	CTCCCAGAC
OPAH-05	TTGCAGGCAG
OPAH-06	GTAAGCCCCT
OPAH-07	CCCTACGGAG
OPAH-08	TTCCCGTGCC
OPAH-09	AGAACCAGAG
OPAH-10	GGGATGACCA
OPAH-11	TCCGCTGAGA
OPAH-12	TTCAACGGCT
OPAH-13	TGAGTCCGCA
OPAH-14	TGTGCCGAA
OPAH-15	CTACAGCGAG
OPAH-16	CAAGTGGGGT
OPAH-17	CAGTGGGGAG
OPAH-18	GGGCTAGTCA
OPAH-19	GGCAGTTCTC
OPAH-20	GGAAGGTGAG

KIT AI	
PRIMER NAME	SEQUENCE
OPAI-01	GGCATCGGCT
OPAI-02	AGCCGTTTCA
OPAI-03	GGGTCCAAAG
OPAI-04	CTATCCTGCC
OPAI-05	GTCGTAGCGG
OPAI-06	TGCCGCACTT
OPAI-07	ACGAGCATGG
OPAI-08	AAGCCCCCA
OPAI-09	TCGCTGGTGT
OPAI-10	TCGGGGCATC
OPAI-11	ACGGCGATGA
OPAI-12	GACGCGAACC
OPAI-13	ACGCTGCGAC
OPAI-14	TGGTGCACTC
OPAI-15	GACACAGCCC
OPAI-16	AAGGCACGAG
OPAI-17	CCTCACGTCC
OPAI-18	TCGCGGAACC
OPAI-19	GGCAAAGCTG
OPAI-20	CCTGTTCCCT

KIT AJ	
PRIMER NAME	SEQUENCE
OPAJ-01	ACGGGTCAGA
OPAJ-02	TCGCACAGTC
OPAJ-03	AGCACCTCGT
OPAJ-04	GAATGCGACC
OPAJ-05	CAGCGTTAGG
OPAJ-06	GTCGGAGTGG
OPAJ-07	CCCTCCCTAA
OPAJ-08	GTGCTCCCTC
OPAJ-09	ACGGCACGCA
OPAJ-10	GTTACCGCGA
OPAJ-11	GAACGCTGCC
OPAJ-12	CAGTTCCTGT
OPAJ-13	CAGCCGTTCC
OPAJ-14	ACCGATGCTG
OPAJ-15	GAATCCGGCA
OPAJ-16	TCTGGACCGA
OPAJ-17	ACCCCTATG
OPAJ-18	GGCTAGGTGG
OPAJ-19	ACAGTGGCCT
OPAJ-20	ACACGTGGTC

KIT AK	
PRIMER NAME	SEQUENCE
OPAK-01	TCTGCTACGG
OPAK-02	CCATCGGAGG
OPAK-03	GGTCTACCA
OPAK-04	AGGGTCGGTC
OPAK-05	GATGGCAGTC
OPAK-06	TCACGTCCCT
OPAK-07	CTTGGGGGAC
OPAK-08	CCGAAGGGTG
OPAK-09	AGGTCGGCGT
OPAK-10	CAAGCGTCAC
OPAK-11	CAGTGTGCTC
OPAK-12	AGTGTAGCCC
OPAK-13	TCCCACGAGT
OPAK-14	CTGTCATGCC
OPAK-15	ACCTGCGGTT
OPAK-16	CTGCGTGCTC
OPAK-17	CAGCGGTAC
OPAK-18	ACCCGAAAC
OPAK-19	TCGCACGAG
OPAK-20	TGATGGCGTC

KIT AL	
PRIMER NAME	SEQUENCE
OPAL-01	TGTGACGAGG
OPAL-02	ACCTGTGGG
OPAL-03	CCCACCTTG
OPAL-04	ACAACGGTCC
OPAL-05	GACTGCGCCA
OPAL-06	AAGCGTCTC
OPAL-07	CCGTCCATCC
OPAL-08	GTCGCCCTCA
OPAL-09	CAGCGAGTAG
OPAL-10	AAGGCCCTG
OPAL-11	GTCACGTCTC
OPAL-12	CCCAGGCTAC
OPAL-13	GAATGGCACC
OPAL-14	TCGCTCCGTT
OPAL-15	AGGGGACACC
OPAL-16	CTTTCGAGGG
OPAL-17	CCGAAGTGT
OPAL-18	GGAGTGGACT
OPAL-19	TCTGCCAGTG
OPAL-20	AGGAGTCGGA

KIT AM	
PRIMER NAME	SEQUENCE
OPAM-01	TCACGTACGG
OPAM-02	ACTTGACGGG
OPAM-03	CTTCCCTGTG
OPAM-04	GAGGGACCTC
OPAM-05	GGGCTATGCC
OPAM-06	CTCGGGATGT
OPAM-07	AACCGCGGCA
OPAM-08	ACCACGAGTG
OPAM-09	TGCCGGTTCA
OPAM-10	CAGACCGACC
OPAM-11	AGATGCGCGG
OPAM-12	TCTCACCGTC
OPAM-13	CACGGCACAA
OPAM-14	TGGTTGCGGA
OPAM-15	GATGCGATGG
OPAM-16	TGGCGGTTTG
OPAM-17	CCTAACGTCC
OPAM-18	ACGGGACTCT
OPAM-19	CCAGGTCTTC
OPAM-20	ACCAACCAGG

KIT AN	
PRIMER NAME	SEQUENCE
OPAN-01	ACTCCAGTTC
OPAN-02	CACCGCAGTT
OPAN-03	AGCCAGGCTG
OPAN-04	GGCGTAAGTC
OPAN-05	GGGTGCAGTT
OPAN-06	GGGAACCCGT
OPAN-07	TCGCTGCGGA
OPAN-08	AAGGCTGCTG
OPAN-09	GGGGGAGATG
OPAN-10	CTGTGTGCTC
OPAN-11	GTCCATGCAG
OPAN-12	AACGGCGGTC
OPAN-13	CTTCCAGGAC
OPAN-14	AGCCGGGTAA
OPAN-15	TGATGCCGCT
OPAN-16	GTGTCGAGTC
OPAN-17	TCAGCACAGG
OPAN-18	TGTCCTCGCT
OPAN-19	ACCACGCCCT
OPAN-20	GAGTCTCAC

KIT AO	
PRIMER NAME	SEQUENCE
OPAO-01	AAGACGACGG
OPAO-02	AATCCGCTGG
OPAO-03	AGTCGGCCCA
OPAO-04	AACAGGGCAG
OPAO-05	TGGAAGCACC
OPAO-06	AGGCAGCCTG
OPAO-07	GATGCGACGG
OPAO-08	ACTGGCTCTC
OPAO-09	CCAGATGGGG
OPAO-10	GACATCGTCC
OPAO-11	GGGGGCTTGA
OPAO-12	TCCCGGTCTC
OPAO-13	CCCACAGGTG
OPAO-14	CTACTGGGGT
OPAO-15	GAAGGCTCCC
OPAO-16	CACAACGGGA
OPAO-17	CCCATGTGTG
OPAO-18	GGGAGCGCTT
OPAO-19	GTTCTCGGAC
OPAO-20	GGCTTGCCCTG

KIT AP	
PRIMER NAME	SEQUENCE
OPAP-01	AACTGGCCCC
OPAP-02	TGGTCATCCC
OPAP-03	GTAAGGCGCA
OPAP-04	CTCTTGGGCT
OPAP-05	GACTTCAGGG
OPAP-06	GTCACGTCTC
OPAP-07	ACCACCCGCT
OPAP-08	ACCCCCACAG
OPAP-09	GTGGTCCAGA
OPAP-10	TGGGTGATCC
OPAP-11	CTGGCTTCTG
OPAP-12	GTCTTACCCC
OPAP-13	TGAAGCCCCT
OPAP-14	TGCCATGCTG
OPAP-15	GGGTGGAAG
OPAP-16	GGGCAGATAC
OPAP-17	ACGGCACTCC
OPAP-18	GTCGTCGACA
OPAP-19	GTGTCTGCCT
OPAP-20	CCCGGATACA

KIT AQ	
PRIMER NAME	SEQUENCE
OPAQ-01	GGCAGGTGGA
OPAQ-02	ACCTCGGAC
OPAQ-03	GAGGTGTCTG
OPAQ-04	GACGGCTATC
OPAQ-05	ACGGAGCTGA
OPAQ-06	ACGGATCCCC
OPAQ-07	GGAGTAACGG
OPAQ-08	TCGGTAGACC
OPAQ-09	AGTCCCCCTC
OPAQ-10	CATACCCCTC
OPAQ-11	GACGCCTCCA
OPAQ-12	CAGCTCCTGT
OPAQ-13	GAGTCGGCTG
OPAQ-14	CCCGTGTAGG
OPAQ-15	TGCGATGCGA
OPAQ-16	CCCGGAAGAG
OPAQ-17	TTCGCCTGTC
OPAQ-18	GGGAGCGAGT
OPAQ-19	AGTAGGGCCT
OPAQ-20	GTGAACGCTC

KIT AR	
PRIMER NAME	SEQUENCE
OPAR-01	CCATTCCGAG
OPAR-02	CACCTGCTGA
OPAR-03	GTGAGGCGCA
OPAR-04	CCAGGAGAG
OPAR-05	CATACCTGCC
OPAR-06	TGGGGCTCAA
OPAR-07	TCCTTCGGTG
OPAR-08	GTGAATCGCG
OPAR-09	GGGGTGTCT
OPAR-10	TGGGGCTGTC
OPAR-11	GGGAAGACGG
OPAR-12	GGATCGTCGG
OPAR-13	GGGTGCGCTT
OPAR-14	CTCACAGCAC
OPAR-15	CACTCTGCC
OPAR-16	CCTTGCCTCC
OPAR-17	CCACCACGAC
OPAR-18	CTACCGGCAC
OPAR-19	CTGATCGCGG
OPAR-20	TGCGCATCC

KIT AS	
PRIMER NAME	SEQUENCE
OPAS-01	CACACCGTGT
OPAS-02	GTCCTCGTGT
OPAS-03	ACGGTCCAC
OPAS-04	GTCTTGGGCA
OPAS-05	GTCACCTGCT
OPAS-06	GGCGCGTTAG
OPAS-07	GACGAGCAGG
OPAS-08	GGCTGCCAGT
OPAS-09	TGGAGTCCCC
OPAS-10	CCCGTCTACC
OPAS-11	ACCGTGCCGT
OPAS-12	TGACCAGGCA
OPAS-13	CACGGACCGA
OPAS-14	TCGCACGCTT
OPAS-15	CTGCAATGGG
OPAS-16	AACCTTCCC
OPAS-17	AGTTCGCGCA
OPAS-18	GTTGCGCAGT
OPAS-19	TGACAGCCCC
OPAS-20	TCTGCCTGGA

KIT AT	
PRIMER NAME	SEQUENCE
OPAT-01	CAGTGGTTCC
OPAT-02	CAGGTCTAGG
OPAT-03	GACTGGGAGG
OPAT-04	TTGCCTCGCC
OPAT-05	ACACCTGCCA
OPAT-06	CCGTCCCTGA
OPAT-07	ACTGCGACCA
OPAT-08	TCCTCGTGGG
OPAT-09	CCGTTAGCGT
OPAT-10	ACCTCCGGTC
OPAT-11	CCAGATCTCC
OPAT-12	CTGCCTAGCC
OPAT-13	CTGGTGAAG
OPAT-14	GTGCCGCACT
OPAT-15	TGACGCACGG
OPAT-16	CTCTCCGTAG
OPAT-17	AGCGACTGCT
OPAT-18	CCAGCTGTGA
OPAT-19	ACCAAGGCAC
OPAT-20	ACATCAGCCC

KIT AU	
PRIMER NAME	SEQUENCE
OPAU-01	GGGATGGAAC
OPAU-02	CCAACCCGCA
OPAU-03	ACGAAACGGG
OPAU-04	GGCTTCTGTC
OPAU-05	GAGCTACCGT
OPAU-06	TCTTAGGGG
OPAU-07	AGACCTTGG
OPAU-08	CACCGATCCA
OPAU-09	ACGGCCAATC
OPAU-10	GGCGTATGGT
OPAU-11	CTTCTCGGTC
OPAU-12	CCACTCGTGT
OPAU-13	CCAAGCACAC
OPAU-14	CACCTCGACC
OPAU-15	TGCTGACGAC
OPAU-16	TCTTAGGCGG
OPAU-17	TTGGCATCCC
OPAU-18	CACCACTAGG
OPAU-19	AGCCTGGGGA
OPAU-20	GTCGAAACCC

KIT AV	
PRIMER NAME	SEQUENCE
OPAV-01	TGAGGGGGAA
OPAV-02	TCACCGTGTC
OPAV-03	TGTAGCCGTG
OPAV-04	TCTGCCATCC
OPAV-05	GTGAGCGTGG
OPAV-06	CCCAGATCC
OPAV-07	CTACCAGGGA
OPAV-08	TGAGAAGCGG
OPAV-09	GAGGTCCTAC
OPAV-10	ACCCCTGGCA
OPAV-11	GACCCCGACA
OPAV-12	AGCCGTCGAA
OPAV-13	CTGACTTCCC
OPAV-14	CTCCGGATCA
OPAV-15	GGCAGCAGGT
OPAV-16	GACAAGGACC
OPAV-17	CTCGAACCCC
OPAV-18	TTGCTCACGG
OPAV-19	CTCGATCACC
OPAV-20	TCATGCGCAC

KIT AW	
PRIMER NAME	SEQUENCE
OPAW-01	ACCTAGGGGA
OPAW-02	TCGCAGGTTTC
OPAW-03	CCATGCGGAG
OPAW-04	AGGAGCGACA
OPAW-05	CTGCTTCGAG
OPAW-06	TTTGGGCCCC
OPAW-07	AGCCCCAAG
OPAW-08	CTGTCTGTGG
OPAW-09	ACTGGGTCGG
OPAW-10	GGTGTTTGCC
OPAW-11	CTGCCACGAG
OPAW-12	GAGCAAGGCA
OPAW-13	CTACGATGCC
OPAW-14	GGTTCTGCTC
OPAW-15	CCAGTCCCAA
OPAW-16	TTACCCCGCT
OPAW-17	TGCTGCTGCC
OPAW-18	GGCGCAACTG
OPAW-19	GGACACAGAG
OPAW-20	TGTCCTAGCC

KIT AX	
PRIMER NAME	SEQUENCE
OPAX-01	GTGTGCCGTT
OPAX-02	GGGAGGCAAA
OPAX-03	CCAAGAGGCT
OPAX-04	TCCCAGGAG
OPAX-05	AGTGACACCC
OPAX-06	AGGCATCGTG
OPAX-07	ACGCGACAGA
OPAX-08	AGTATGGCGG
OPAX-09	GGAAGTCTCG
OPAX-10	CCAGGCTGAC
OPAX-11	TGATTGCGGG
OPAX-12	GGTCGGGTCA
OPAX-13	GAGCACTGCT
OPAX-14	CACGGGCTTG
OPAX-15	CAGCAATCCC
OPAX-16	GTCTGTGCGG
OPAX-17	TGGGCTCTGG
OPAX-18	GTGTGCAGTG
OPAX-19	CCCTGTCGCA
OPAX-20	AACTCGGCA

KIT AY	
PRIMER NAME	SEQUENCE
OPAY-01	GTCCACCTCT
OPAY-02	TGCGAAGGCT
OPAY-03	TTTCCGGGAG
OPAY-04	AAGGCTCGAC
OPAY-05	TCGCTGCGTT
OPAY-06	GGCTTCGCAA
OPAY-07	GACCGTCTGT
OPAY-08	AGGCTTCCCT
OPAY-09	CCGATCCAAC
OPAY-10	CAAGGCCCTT
OPAY-11	ACGCGCCTTC
OPAY-12	CTGTGCGGCT
OPAY-13	CCGCTCGTAA
OPAY-14	GGTGGGTAGA
OPAY-15	CCAAGAGGCA
OPAY-16	GGTGTGGTTC
OPAY-17	GGTGATTCGG
OPAY-18	ACCCCAACCA
OPAY-19	AACTTGCCCT
OPAY-20	TCATTGCCCC

KIT AZ	
PRIMER NAME	SEQUENCE
OPAZ-01	TCGGATCCGT
OPAZ-02	CCTGAACGGA
OPAZ-03	GGCTGTGTGG
OPAZ-04	CCAGCCTCAG
OPAZ-05	TCCGCATACC
OPAZ-06	CCTTCGGAGG
OPAZ-07	CAGGAGTCTC
OPAZ-08	TCGCTCGTAG
OPAZ-09	CCTTGACCCC
OPAZ-10	ACTCTGGGGA
OPAZ-11	TCCAGCGCGT
OPAZ-12	GATGGGCTCG
OPAZ-13	CCCGAAGCAA
OPAZ-14	CACGGCTTCC
OPAZ-15	TCCGCTAGTC
OPAZ-16	AGGCGAACTG
OPAZ-17	CACGCAGATG
OPAZ-18	CCGAGTTTGA
OPAZ-19	AACTTCTCGG
OPAZ-20	CATCACCCTT

KIT BA	
PRIMER NAME	SEQUENCE
OPBA-01	TTCCCCACCC
OPBA-02	TGCTCGGCTC
OPBA-03	GTGCGAGAAC
OPBA-04	TCCTAGGCTC
OPBA-05	TGCGTTCCAC
OPBA-06	GGACGACCGT
OPBA-07	GGGTGCGATC
OPBA-08	CCACAGCCGA
OPBA-09	GGAACCTCCAC
OPBA-10	GGACGTTGAG
OPBA-11	CCACCTTCAG
OPBA-12	TGTTGGGCAC
OPBA-13	AGGGCGAATG
OPBA-14	TCGGGAGTGG
OPBA-15	GAAGACTCGG
OPBA-16	CCACGCATCA
OPBA-17	TGTACCCTG
OPBA-18	CTCGGATGTC
OPBA-19	CCATCCGTTG
OPBA-20	GAGCGTACC

KIT BB	
PRIMER NAME	SEQUENCE
OPBB-01	AACTGCGCTG
OPBB-02	CCCCGTTAG
OPBB-03	TCACGTGGCT
OPBB-04	ACCAGGTCAC
OPBB-05	GGGCGAACA
OPBB-06	CTGAAGCTGG
OPBB-07	GAAGGCTGGG
OPBB-08	TCGTGCAAGG
OPBB-09	AGGCCGTCAC
OPBB-10	ACTTGCCTGG
OPBB-11	TGCGGGTTCC
OPBB-12	TTCGGCCGAC
OPBB-13	CTTCGGTGTG
OPBB-14	GTGGGACCTG
OPBB-15	AAGTCCCTG
OPBB-16	TCGGCACCGT
OPBB-17	ACACCGTGCC
OPBB-18	CAACCGGTCT
OPBB-19	TTGCGGACAG
OPBB-20	CCAGGTGTAG

KIT BC	
PRIMER NAME	SEQUENCE
OPBC-01	CCTTCGGCTC
OPBC-02	ACAGTAGCGG
OPBC-03	GGCTTGACCT
OPBC-04	CCACGTGCCA
OPBC-05	GAGGCGATTG
OPBC-06	GAAGGCGAGA
OPBC-07	TGTGCCTGAC
OPBC-08	GGTCTTCCCT
OPBC-09	GTCATGCGAC
OPBC-10	AACGTGCGAGG
OPBC-11	TTTTGCCCCC
OPBC-12	CCTCCACCAG
OPBC-13	CCTGGCACAG
OPBC-14	GGTCCGACGA
OPBC-15	CCAGACTCCA
OPBC-16	CTGGTGCTCA
OPBC-17	CCGTTAGTCC
OPBC-18	GTGAAGGAGG
OPBC-19	ACAAGCGCGA
OPBC-20	AGCACTGGGG

KIT BD	
PRIMER NAME	SEQUENCE
OPBD-01	TCACTCGCTC
OPBD-02	CCTCCCCAAG
OPBD-03	GAGCCCCGAA
OPBD-04	TCGGGTGTTG
OPBD-05	GTGCGGAGAG
OPBD-06	AAGCTGGCGT
OPBD-07	GAGCTGGTCC
OPBD-08	CATACGGGCT
OPBD-09	CCACGGTCAG
OPBD-10	GACGCTATGG
OPBD-11	CAACCGAGTC
OPBD-12	GGGAACCGTC
OPBD-13	CCTGGAACGG
OPBD-14	TCCCTGTGAG
OPBD-15	TGCTCGGTGC
OPBD-16	GAACTCCAG
OPBD-17	GTTGCTCCC
OPBD-18	ACGCACACTC
OPBD-19	GGTTCCTCTC
OPBD-20	AGGCGGCACA

KIT BE	
PRIMER NAME	SEQUENCE
OPBE-01	CACTCCTGGT
OPBE-02	ACGCCTGTAG
OPBE-03	TGGACTCGGT
OPBE-04	CCCAAGCGAA
OPBE-05	GGAACGCTAC
OPBE-06	CAGCGGGTCA
OPBE-07	CCGTCCATAG
OPBE-08	GGGAAGCGTC
OPBE-09	CCCGCTTTCC
OPBE-10	AAGCGGCCCT
OPBE-11	GTCCTGCTGT
OPBE-12	GGTTGTTCCC
OPBE-13	TCGGTGAGTC
OPBE-14	CTTTGCGCAC
OPBE-15	TTCGGCGATG
OPBE-16	CTCCACGACT
OPBE-17	GGGAAAAGCC
OPBE-18	CCAAGCCGTC
OPBE-19	AGGCCAACAG
OPBE-20	CAAAGGCGTG

KIT BF	
PRIMER NAME	SEQUENCE
OPBF-01	GGAGCTGACT
OPBF-02	GACACACTCC
OPBF-03	TCCCTTGACC
OPBF-04	GACAGGTTGG
OPBF-05	CACCCGAAA
OPBF-06	TCCACGGGCA
OPBF-07	CACCATCGTG
OPBF-08	CCTGGGTCCA
OPBF-09	ACCCAGTTTG
OPBF-10	GTGACCAGAG
OPBF-11	GACGACCGCA
OPBF-12	CTTCGCTGTC
OPBF-13	CCGCCGGTAA
OPBF-14	CCGCGTTGAG
OPBF-15	ACGCGAACCT
OPBF-16	AGGTCCGTG
OPBF-17	CAAGTCTGTC
OPBF-18	AGCCAAGGAC
OPBF-19	TTCCCGCACT
OPBF-20	ACCTGAGGAA

KIT BG	
PRIMER NAME	SEQUENCE
OPBG-01	GTGGCTCTCC
OPBG-02	GGAAAAGCCA
OPBG-03	GTGCCACTTC
OPBG-04	GTTCCCGACA
OPBG-05	CAAGCCGTGA
OPBG-06	GTGGATCGTC
OPBG-07	CAGAGGTTCC
OPBG-08	GACCAGAGGT
OPBG-09	GGCTCTGGGT
OPBG-10	GGGATAAGGG
OPBG-11	ACGGCAATGG
OPBG-12	CCCGAGAAAC
OPBG-13	GGTTGGGCCA
OPBG-14	GACCAGCCCA
OPBG-15	ACGGGAGAGA
OPBG-16	TGCTTGGGTG
OPBG-17	TCCGGGACTC
OPBG-18	TGGCGCTGGT
OPBG-19	GGTCTCGCTC
OPBG-20	TGGTACTGG

KIT BH	
PRIMER NAME	SEQUENCE
OPBH-01	CCGACTCTGG
OPBH-02	GTAAGCCGAG
OPBH-03	GGAGCAGCAA
OPBH-04	ACCTGCCAAC
OPBH-05	GTAGGTCGCA
OPBH-06	TCGTGGCACA
OPBH-07	TGTACGGCAC
OPBH-08	ACGGAGGCAG
OPBH-09	GTCTCCGTC
OPBH-10	GTGTGCCTGG
OPBH-11	AGCCCAAAGG
OPBH-12	TCGCCTTGTC
OPBH-13	AGTTGGGCAG
OPBH-14	ACCGTGGGTG
OPBH-15	GAGAACGCTG
OPBH-16	CTGCGGGTTC
OPBH-17	CTCTTACGGG
OPBH-18	GACGCTTGTC
OPBH-19	GTGCTGCGGA
OPBH-20	CACCGACATC

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