

Alignment: C:\BioEdit\Temp\~out.tmp

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      ....|....| ....|....| ....|....| ....|....| ....|....|
      10      20      30      40      50
22_19 1pcr  CGGATATCTT TCGCCTTACT TTGTTACAAA TGCTGAAAAA ATGCTGGTGG
22_19 2pcr  CGGATATCTT TCGCCTTACT TTGTTACAAA TGCTGAAAAA ATGCTGGTGG
22_45 1pcr  CCGGATATCTT TCGCCTTACT TTGTTACAAA TGCTGAAAAA ATGCTGGTGG
22_45 2pcr  TGGGATATCTT TCGCCTTACT TTGTTACAAA TGCTGAAAAA ATGCTGGTGG
22_54 1pcr  -----
22_54 2pcr  CGGATATCTT TCGCCTTACT TTGTTACAAA TGCTGAAAAA ATGCTGGTGG
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      ....|....| ....|....| ....|....| ....|....| ....|....|
      60      70      80      90     100
22_19 1pcr  AATTTGAAAA TCCATACATA TTCCTTACTG AAAAGAAGAT TAATCTTGTA
22_19 2pcr  AATTTGAAAA TCCATACATA TTCCTTACTG AAAAGAAGAT TAATCTTGTA
22_45 1pcr  AATTTGAAAA TCCATACATA TTCCTTACTG AAAAGAAGAT TAATCTTGTA
22_45 2pcr  AATTTGAAAA TCCATACATA TTCCTTACTG AAAAGAAGAT TAATCTTGTA
22_54 1pcr  AATTTGAAAA TCCATACATA TTCCTTACTG AAAAGAAGAT TAATCTTGTA
22_54 2pcr  AATTTGAAAA TCCATACATA TTCCTTACTG AAAAGAAGAT TAATCTTGTA
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      ....|....| ....|....| ....|....| ....|....| ....|....|
      110     120     130     140     150
22_19 1pcr  CAAAGCATTC TACCAATCTT AGAAAACGTT GCACGGTCTG GAAGACCATT
22_19 2pcr  CAAAGCATTC TACCAATCTT AGAAAACGTT GCACGGTCTG GAAGACCATT
22_45 1pcr  CAAAGCATTC TACCAATCTT AGAAAACGTT GCACGGTCTG GAAGRCCATT
22_45 2pcr  CAAAGCATTC TACCAATCTT AGAAAACGTT GCACGGTCTG GAAGACCATT
22_54 1pcr  CAAAGCATTC TACCAATCTT AGAAAACGTT GCACGGTCTG GAAGACCATT
22_54 2pcr  CAAAGCATTC TACCAATCTT AGAAAACGTT GCACGGTCTG GAAGACCATT
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      ....|....| ....|....| ....|....| ....|....| ....|....|
      160     170     180     190     200
22_19 1pcr  GCTCATCATA GCTGAAGACG TTGAAGGTGA AGCTCTKAGC ACGCTTGTAC
22_19 2pcr  GCTCATCATA GCTGAAGACG TTGAAGGTGA AGCTCTTAGC ACGCTTGTAC
22_45 1pcr  GCTCATCATA GCTGAAGACG TTGAAGGTGA AGCTCTGAGC ACGCTTGTAC
22_45 2pcr  GCTCATCATA GCTGAAGACG TTGAAGGTGA AGCTCTGAGC ACGCTTGTAC
22_54 1pcr  GCTCATCATA GCTGAAGACG TTGAAGGTGA AGCTCTTAGC ACGCTTGTAC
22_54 2pcr  GCTCATCATA GCTGAAGACG TTGAAGGTGA AGCTCTGAGC ACGCTTGTAC
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      ....|....| ....|....| ....|....| ....|....| ....|....|
      210     220     230     240     250
22_19 1pcr  TCAATAAGCT CCGTGGTGGC CTTCAAGTTG CTGCTGTAAA GGCGCCTGGT
22_19 2pcr  TCAATAAGCT CCGTGGTGGC CTTCAAGTTG CTGCTGTAAA GGCGCCTGGT
22_45 1pcr  TCAATAAGCT CCGTGGTGGC CTTCAAGTTG CTGCTGTAAA GGCGCCTGGT
22_45 2pcr  TCAATAAGCT CCGTGGTGGC CTTCAAGTTG CTGCTGTAAA GGCGCCTGGT
22_54 1pcr  TCAATAAGCT CCGTGGTGGC CTTCAAGTTG CTGCTGTAAA GGCGCCTGGT
22_54 2pcr  TCAATAAGCT CCGTGGTGGC CTTCAAGTTG CTGCTGTAAA GGCGCCTGGT
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	260	270	280	290	300
22_19 1pcr	TT <b>Y</b> GGTGACA	GGAGAAAAGA	CATGCTTGGC	GATATTGCTG	TAATAGTAGG
22_19 2pcr	TT <b>C</b> GGTGACA	GGAGAAAAGA	CATGCTTGGC	GATATTGCTG	TAATAGTAGG
22_45 1pcr	TTTGGTGACA	GGAGAAAAGA	CATGCTTGGC	GATATTGCTG	TAATAGTAGG
22_45 2pcr	TTTGGTGACA	GGAGAAAAGA	CATGCTTGGC	GATATTGCTG	TAATAGTAGG
22_54 1pcr	TTTGGTGACA	<b>A</b> AGAAAAGA	CATGCTTGGC	GATATTGCTG	TAATAGTAGG
22_54 2pcr	TTTGGTGACA	<b>G</b> AGAAAAGA	CATGCTTGGC	GATATTGCTG	TAATAGTAGG

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	310	320	330	340	350
22_19 1pcr	CGCTAAGTAT	GTAGTAAATG	ACGAGCTTGC	TGTTAAGATG	GAAGATATCG
22_19 2pcr	CGCTAAGTAT	GTAGTAAATG	ACGAGCTTGC	TGTTAAGATG	GAAGATATCG
22_45 1pcr	CGCTAAGTAT	GTAGTAAATG	ACGAGCTTGC	TGTTAAGATG	GAAGACATCG
22_45 2pcr	CGCTAAGTAT	GTAGTAAATG	ACGAGCTTGC	TGTTAAGATG	GAAGACATCG
22_54 1pcr	CGCTAAGTAT	GTAGTAAATG	ACGAGCTTGC	TGTTAAGATG	GAAGATATCG
22_54 2pcr	CGCTAAGTAT	GTAGTAAATG	ACGAGCTTGC	TGTTAAGATG	GAAGATATCG

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	360	370	380	390	400
22_19 1pcr	CTCTAAGCGA	TCTTGGTACT	GCTAAGAGCG	TACGCATCAC	AAAAGACGCA
22_19 2pcr	CTCTAAGCGA	TCTTGGTACT	GCTAAGAGCG	TACGCATCAC	AAAAGACGCA
22_45 1pcr	CTCTAAGCGA	TCTTGGTACT	GCTAAGAGCG	TACGCATCAC	AAAAGACGCA
22_45 2pcr	CTCTAAGCGA	TCTTGGTACT	GCTAAGAGCG	TACGCATCAC	AAAAGACGCA
22_54 1pcr	CTCTAAGCGA	TCTTGGTACT	GCTAAGAGCG	TACGCATCAC	AAAAGACGCA
22_54 2pcr	CTCTAAGCGA	TCTTGGTACT	GCTAAGAGCG	TACGCATCAC	AAAAGACGCA

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	410	420	430	440	450
22_19 1pcr	ACTACTATCA	TAGGTAGTGT	TGATAGCAGT	TCTGAAAGCA	TAGCTAGCAG
22_19 2pcr	ACTACTATCA	TAGGTAGTGT	TGATAGCAGT	TCTGAAAGCA	TAGCTAGCAG
22_45 1pcr	ACTACTATCA	TAGG <b>T</b> AGTGT	TGATAGCAGT	TCTGAAAGCA	TAGCTAGCAG
22_45 2pcr	ACTACTATCA	TAGG <b>C</b> AGTGT	TGATAGCAGT	TCTGAAAGCA	TAGCTAGCAG
22_54 1pcr	ACTACTATCA	TAGGTAGTGT	TGATAGCAGT	TCTGAAAGCA	TAGCTAGCAG
22_54 2pcr	ACTACTATCA	TAGGTAGTGT	TGATAGCAGT	TCTGAAAGCA	TAGCTAGCAG

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	460	470	480	490	500
22_19 1pcr	GACTAATCAA	ATCAAAGCTC	AGATAGAAAA	TTCTAGTTCT	GATTATGACA
22_19 2pcr	GACTAATCAA	ATCAAAGCTC	AGATAGAAAA	TTCTAGTTCT	GATTATGACA
22_45 1pcr	GACTAATCAA	ATCAAAGCTC	AGATAGAAAA	TTCTAGTTCT	GATTATGACA
22_45 2pcr	GACTAATCAA	ATCAAAGCTC	AGATAGAAAA	TTCTAGTTCT	GATTATGACA
22_54 1pcr	GACTAATCAA	ATCAAAGCTC	AGATAGAAAA	TTCTAGTTCT	GATTATGACA
22_54 2pcr	GACTAATCAA	ATCAAAGCTC	AGATAGAAAA	TTCTAGTTCT	GATTATGACA

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	510	520	530	540	550
22_19 1pcr	AGGAAAAGCT	TAGAGAACGT	TTAGCAAAGC	TTTCCGGTGG	TGTTGCTGTA
22_19 2pcr	AGGAAAAGCT	TAGAGAACGT	TTAGCAAAGC	TTTCCGGTGG	TGTTGCTGTA
22_45 1pcr	AGGAAAAGCT	TAGAGAACGT	TTAGCGAAGC	TTTCCGGTGG	TGTTGCTGTA
22_45 2pcr	AGGAAAAGCT	TAGAGAACGT	TTAGCAAAGC	TTTCCGGTGG	TGTTGCTGTA
22_54 1pcr	AGGAAAAGCT	TAGAGAACGT	TTAGCGAAGC	TTTCCGGTGG	CGTTGCTGTA
22_54 2pcr	AGGAAAAGCT	TAGAGAACGT	TTAGCAAAGC	TTTCCGGTGG	CGTTGCTGTA

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	560	570	
22_19 1pcr	CTCAAGGTTG	GTGGATCCAG	C
22_19 2pcr	CTCAAGGTTG	GTGGATCCAG	C
22_45 1pcr	CTCAAGGTTG	GTGGATCCAG	C
22_45 2pcr	CTCAAGGTTG	GTGGATCCAG	C
22_54 1pcr	CTCAAGGTTG	GTGGATCCAG	C
22_54 2pcr	CTCAAGGTTG	GTGGATCCAG	C