TAACGAGGTAACAACCATGCGAGTGTTGAAGTTCGGCGGT
ACATCAGTGGCAAATGCAGAACGTTTTCTGCGTGTTGCCG
ATATTCTGGAAAGCAATGCCAGGCAGGGGCAGGTGGCCAC
CGTCCTCTCTGCCCCCGCCAAAATCACCAACCACCTGGTG
GCGATGATTGAAAAAACCATTAGCGGCCAGGATGCTTTACC
CAATATCAGCGATGCCGAACGTATTTTTGCCGAACTTTT
GACGGGACTCGCCGCCCCCCCCGGGGTTCCCGCTGG
CGCAATTGAAAAACTTTCGTCGATCAGGAATTTGCCCAAATA

TACTCTGCTGCGGTGCTGGCTGCCTGTTTACGCGCCGATT GTTGCGAGATTTGGACGGACGTTGACGGGGTCTATACCTG CGACCCGCGTCAGGTGCCCGATGCGAGGTTGTTGAAGTC GATGTCCTACCAGGAAGCGATGGAGCTTTCCTACTTCGGC G

CTAAAGTTCTTCACCCCCGCACCATTACCCCCATCGCCCAG
TTCCAGATCCCTTGCCTGATTAAAAAATACCGGAAATCCT
CAAGCACCAGGTACGCTCATTGGTGCCAGCCGTGATGAAG
ACGAATTACCGGTCAAGGGCATTTCCAATCTGAATAACAT
GGCAATGTTCAGCGTTTCTGGTCCGGGGATGAAAGGGATG
GTCGGCATGGCGGCGCGCGTCTTTTGCAGCGATGTCACGC
G

CCCGTATTTCCGTGGTGCTGATTACGCAATCATCTTCCGAA
TACAGCATCAGTTTCTGCGTTCCACAAAGCGACTGTGTG
CGAGCTGAACGGGCAATGCAGGAAGAGTTCTACCTGGAAC
TGAAAGAAGGCTTACTGGAGCCGCTGGCAGTGACGGAAC
G

GCTGGCCATTATCTCGGTGGTAGGTGATGGTATGCGCACCT
TGCGTGGGATCTCGGCGAAATTCTTTGCCGCACTGGCCC
GCGCCAATATCAACATTGTCGCCATTGCTCAGGGATCTTCT
GAACGCTCAATCTCTGTCGTGGTAAATAACGATGATGCG
ACCACTGGCGTGCGCGTTACTCATCAGATGCTGTTCAATAC
CGATCAGGTTATCGAAGTGTTTGTGATTGGCGTCGGTGG
CGTTGGCGGTGCGCTGCTGGAGCAACTGAAGCGTCAGCA
AAGCTGGCTGAAGAATAAACATATCGACTTACGTGTCTGCG
GTGTTGCCAACTCGAAGGCTCTGCTCACCAATGTACATGG
CCTTAATCTGGAAAACTGGCAGGAAGAACTGGCGCAAGCC
AAAGAGCCGTTTAATCTCGGGCGCTTAATTCGCCTCGTGAA
AGAATATCATCTGCTGAACCCGGTCATTGTTGACTGCAC

TTCCAGCCAGGCAGTGGCGGATCAATATGCCGACTTCCTG CGCGAAGGTTTCCACGTTGTCACGCCGAACAAAAAGGCCA ACACCTCGTCGATGGATTACTACCATCAGTTGCGTTATGCG
GCGGAAAAATCGCGGCGTAAATTCCTCTATGACACCAAC
GTTGGGGCTGGATTACCGGTTATTGAGAACCTGCAAAATCT
GCTCAATGCAGGTGATGAATTGATGAAGTTCTCCGGCAT
TCTTTCTGGTTCGCTTTCTTATATCTTCGGCAAGTTAGACGA
AGGCATGAGTTTCTCCGAGGCGACCACGCTGGCGCGGG
AAATGGGTTATACCGAACCGGACCCGCGAGATGATCTTTCT
GGTATGGATGTGGCGCGTAAACTATTGATTCTCGCTCGT
GAAACGGGACGTGAACTGGAGCTGGCGGATATTGAAATTG
AACCTGTGCTGCCCGCAGAGTTTAACGCCGAGGGTGATGT
TGCCGCTTTTATGGCGAATCTGTCACAACTCGACGATCTCT
TTGCCGCGCGCGCGTGGCGAAGGCCCCGTGATGAAGGAAAAG

TTTTGCGCTATGTTGGCAATATTGATGAAGATGGCGTCTGCCGCGTGAAGATTGCCGAAGTGGATGGTAATGATCCGCTGTTCAAAGTGAAAAATGGCGAAAAACGCCCTGGCCTTCTATAGCACTATTATCAGCCGCTGCCGTTGGTACTGCGCGGATATGGTGCGGGCAATGACGTTACAGCTGCCGGTGTCTTTGCTGATCTGCTACGTACCTACGTACCCTCTCATGGAAGTTAGGAGTCTGAC

ATGGTTAAAGTTTATGCCCCGGCTTCCAGTGCCAATATGAG
CGTCGGGTTTGATGTGCTCGGGGGCGGCGGTGACACCTGT
TGATGGTGCATTGCTCGGAGATGTAGTCACGGTTGAGGCG
GCAGAGACATTCAGTCTCAACAACCTCGGACGCTTTGCCG
ATAAGCTGCCGTCAGAACCACGGGAAAATATCGTTTATCAG
TGCTGGGAGCGTTTTTGCCAGGAACTGGGTAAGCAAATT
CCAGTGGCGATGACCCTGGAAAAGAATATGCCGATCGGTT
CGGGCTTAGGCTCCAGTGCCTGTTCGGTGGTCGCGCGC
T

GGCTGACGCGT

>subseq_2

CATGTCCTGCAT

>subseq_3

TTGCTGATCTGCTACGTA

>subseq 4

AGTGGCGATGACCCTGGAA

>subseq_5

AGGAAACACAGAAAAAAGCC

>subseq_6

CCCGCGTCAGG

>subseq_7

TGGGTAAGCAAATTCCA

>subseq_8

AGTTTTGCGCTATGTTG

>subseq 9

TTTTC

>subseq_10

CTGC

>subseq_11

CCATCACCAT

>subseq_12

AGTTCTTCA

>subseq 13

CAAATTCCAGTG

>subseq_14

AAACGCCCTGG

>subseq_15

GCCGCTGCCGTTGGTACTG

>subseq_16

CCCTGGAAAA

ATGTCACG

>subseq_18

TTGGCAATA

>subseq_19

AAGTGTTTGTGATTGGC

>subseq_20

CTTACGTGTC

>subseq_21

AGTTTCTGCGTTCCAC

>subseq_22

CGTGGCGAGA

>subseq 23

ATCGT

>subseq_24

TGGCGCGGGAAATG

>subseq_25

GTTACTCATCAGATGCTGT

>subseq 26

CTAAAGTTCTTCACCCCCG

>subseq_27

TCTCGCTCGTGAAACGGGA

>subseq_28

CTTT

>subseq_29

AATTCGCCTCG

>subseq_30

TCTTAT

>subseq_31

CAAAATCTGCTCAATGCA

>subseq 32

CACCAAC

>subseq 33

AGGTGATGAATT

CGTTTCTGGTCCGG

>subseq_35

GGAACGGCTGG

>subseq_36

AACTGAAG

>subseq_37

TACTGGAGCCGCT

>subseq_38

GATAGCAGCTTC

>subseq_39

TCTACCGTCGATATTGCT

>subseq_40

CACAACGTTACTGTTATCGA

>subseq_41

TCTGACTGCAA

>subseq_42

CTACTTCGGCGCTAAAG

>subseq_43

CGTCGATGGAT

>subseq 44

GTGATGAAT

>subseq_45

CAATGTACATGGCCT

>subseq 46

TCTCGGCGAAATTCTT

>subseq_47

AGCT

>subseq_48

GCTTACTGGAGCCGCT

>subseq_49

TTTGCAGCGATGTCACGC

ATTGCCGAAGTGGAT

>subseq_51

AGCTGCCGTCAGAAC

>subseq 52

GTGGTGC

>subseq_53

TCTGCCGCGTGAAGAT

>subseq_54

GCACTGG

>subseq_55

GCCAAAATCACCAA

>subseq_56

GCATTCCGGCTGAT

>subseq_57

TGATGT

>subseq_58

TAAGCAAATTCCAG

>subseq 59

ATGTCTC

>subseq_60

CCATTA

>subseq_61

CCCGCACCATTACCCCCA

>subseq_62

GGCAATGCAGGA

>subseq_63

CAAAGCTGGCTGAAGAAT

>subseq_64

GGCTCCAGTG

>subseq 65

TCTGCGTTCCACAAAGCGAC

>subseq 66

ACCTGCGACC

TTGACGGGGTCTATACCT

>subseq_68

GCGTCGGGTTTGATGTGCTC

>subseq 69

CTGGAGCC

>subseq_70

AGGTTATCGAAGTGTTTGTG

>subseq 71

TAGCGCACAGACAGATAA

>subseq_72

GATGAAGTTCT

>subseq 73

AAAA

>subseq_74

ACCCGCCGTATTGCGGCA

>subseq_75

ACGTTGACGGGGTCT

>subseq_76

GGACTCGCCGCCGCCAGC

>subseq_77

AGGTGATG

>subseq_78

CGAACGTATTTTTGC

>subseq 79

GTGCGCGTTACTCATC

>subseq_80

AATATCAACAT

>subseq_81

TTGC

>subseq_82

ATACCTGCGACCCGCGTCAG

AGAACCACGGGAA

>subseq_84

ATTCCTCTAT

>subseq_85

GTCCTCTCTGCCCC

>subseq_86

CAATATCAGCGATGCC

>subseq_87

GGCCAACACCTCGTCGATG

>subseq_88

GATCCGC

>subseq 89

ACCCGCGTCAGGTGCCCG

>subseq_90

ATCCATGAAACGCATT

>subseq_91

CGAC

>subseq 92

TACTCTGC

>subseq_93

GTGATGAATTGATGAA

>subseq_94

CCTGTTTA

>subseq_95

CTATTGATTCT

>subseq_96

TGAAATTGAACCTGTGC

>subseq_97

TAAACATATCGACTTACGT

>subseq 98

AAAAATTA

>subseq 99

TTCTCGCTCGTGAA

CTTTGCCGATAAGCTGCC

>subseq_101

GTAAACTATTGATTCT

>subseq_102

GGAG

>subseq 103

TGCCTGT

>subseq_104

CGTCTGC

>subseq_105

GCGTAAACTATTG

>subseq_106

GGGTCTATACCT

>subseq_107

ATGAATTGAT

>subseq_108

ATTAGAAGCGCGCGGTCAC

>subseq_109

GCAATTGAAAACTTTCGT

>subseq_110

CACT

>subseq_111

TTCCAATC

>subseq 112

GTACAGGAA

>subseq_113

CTGGCGCAATTGAAAACT

>subseq_114

ACAGTGCGGGCTTTTTTT

>subseq_115

TACCGGTTA

GCCGCGTGAAG

>subseq 117

TATT

>subseq 118

TGTTGCCGA

>subseq_119

ATGAAAA

>subseq_120

TGCCGGTG

>subseq_121

GGTCA

>subseq 122

TTCGTCGATCAGGA

>subseq 123

GTAGTCACGGTTGAGGCG

>subseq 124

TGGTAATG

>subseq 125

TGCGAGTGTT

>subseq_126

CTGGAA

>subseq_127

CGACTTC

>subseq_128

TGGAGCTT

>subseq_129

GGGG

>subseq_130

TGAAGGAAAAGTTT

>subseq 131

TACTCATCAGATGCTGTTCA

>subseq 132

TACTCTGCTGCG

ACCAACGTTGGGGCTGGATT

>subseq_134

GTTACTCATCAGATGC

>subseq_135

AGAAAA

>subseq_136

CGAATCTACCGTCGA

>subseq_137

AATATGCCGACTTCC

>subseq_138

CTTT

>subseq_139

TGCTGAACCCGGTCA

>subseq_140

AGGTGGCCACCGTCCT

>subseq 141

GGACGTGAACTGGAG

>subseq_142

ATATGCCGATCGG

>subseq_143

AGCGATGTCACGCGCCCG

>subseq_144

GGACGGACGTT

>subseq 145

CCAGGAAGCGA

>subseq_146

GTATTTCCGTGGTGCTGATT

>subseq_147

ATCAGGTTATCGAAG

>subseq_148

TGGA

AATGAAAAAGGCGAAC

>subseq_150

ATGGCATTA

>subseq 151

GCCCAAATAAAACAT

>subseq_152

AAGAATATCATCTGCTGA

>subseq_153

GGGCTGGATTA

>subseq_154

AAGTGGATGGTA

>subseq 155

TTATCG

>subseq_156

GCTCT

>subseq_157

TCGTGA

>subseq 158

GGTACTGCGCGGATATG

>subseq_159

TAAACATATCGACTTAC

>subseq_160

CGTTACAGCTGCCGGTG

>subseq_161

AAAAGAATATGCCGATC

>subseq_162

TTCGTCGATCAGGA

>subseq_163

GTGGCA

>subseq_164

TTGGCAATATTGATGAAGA

>subseq 165

TCCTCAAG

TTAGGCTCC

>subseq_167

TCATCAG

>subseq_168

TGCGGTGCTGGCTGCCTG

>subseq_169

CTTCG

>subseq_170

TGCCCGATGCGAGGTTGT

>subseq 171

GCGACCACGCTGGCGCGG

>subseq_172

ATCTGAATAACAT

>subseq_173

TCGGCATGGCGGCG

>subseq_174

TGCCGATAAGCTGCCGTC

>subseq_175

ATGTTCAGCGTTTCTGG

>subseq_176

GATGGCGTCTGC

>subseq_177

GCCGACTTCCTG

>subseq 178

AATGCAG

>subseq_179

CAGCATCAGTTT

>subseq_180

GCCAAAATCACCAACC

>subseq_181

TTTCT

ATGGATTACTACC

>subseq 183

TTCCGACTACTC

>subseq 184

CCGATGCGAGGTTGTT

>subseq_185

TACATGGCCTTAAT

>subseq_186

CCCCATCGCCCAGTTCCAG

>subseq_187

AGGTTGTTGAAGTCGAT

>subseq 188

TGAAACGG

>subseq 189

AGAGTTTAACGCCGAG

>subseq 190

CACCATTAC

>subseq 191

AAAACTT

>subseq_192

TTCT

>subseq_193

CCCGTGATGAAGGAAAAGTT

>subseq_194

TCAC

>subseq_195

GGCC

>subseq_196

TTAACCAATATAG

>subseq 197

GGCAGTGCCCGGATAGCATC

>subseq 198

CGTATTAGAAGCGCGCGGTC

>subseq_199 GGACGTTGACGGG >subseq_200 GTGG