

SEQUENCE LISTING

<110> TWIST BIOSCIENCE CORPORATION

<120> POLYNUCLEOTIDE LIBRARIES HAVING CONTROLLED STOICHIOMETRY AND SYNTHESIS THEREOF

<130> 44854-730.601

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<150> 62/558,666

<151> 2017-09-14

<150> 62/548,307

<151> 2017-08-21

<150> 62/424,302

<151> 2016-11-18

<160> 16

<170> PatentIn version 3.5

<210> 1

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>

<221> modified_base

<222> (51)..(52)

<223> Thymidine-succinyl hexamide CED phosphoramidite

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tt 62

<210> 2

<211> 112

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

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<221> modified_base

<222> (101)..(102)

<223> Thymidine-succinyl hexamide CED phosphoramidite

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<212> DNA

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<223> Description of Artificial Sequence: Synthetic primer

<400> 3

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<210> 4

<211> 20

<212> DNA

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<223> Description of Artificial Sequence: Synthetic primer

<400> 4

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<210> 5

<211> 156

<212> DNA

<213> Homo sapiens

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tctgcaggga aatgggcgcg tgagtgcagg gtctgc	156

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cgacgacgcg agtccgagag aggagccgcg ggcgccgtgg atggagcggg aggggcaaaa	180
gtattgggac cggaacacac agatctgcaa ggcccaggca cagactgaac gagagaacct	240
gcggatcgcg ctccgtact acaaccagag cgagggcggg gagttgacct cgg	293

<210> 7
 <211> 169
 <212> DNA
 <213> Homo sapiens

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tccccatcgt gggcatcgtt gctggcttgg ttctacttgt agctgtggc actggagctg	120
tggtcgctgc tgtaatgtgg aggaagaaga gctcaggtaa ggaaggggt	169

<210> 8
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 8	
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cagggctctgc agggaaatgg tagtgtcgga ggtcgttcct	160

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<212> DNA
<213> Homo sapiens

<400> 9
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tgcggttcga cagcgacgac tagtgtcgga ggtcgttcct 160

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<212> DNA
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actacaacca gagcgagggc tagtgtcgga ggtcgttcct 160

<210> 11
<211> 160
<212> DNA
<213> Homo sapiens

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attgggaccg gaacacacag tagtgtcgga ggtcgttcct 160

<210> 12
<211> 103
<212> DNA
<213> Homo sapiens

<400> 12
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tggccctgac ccagacctgg gcgtagtgtc ggaggtcgtt cct 103

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<211> 210
<212> DNA
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ggctacgtgg acgatacgca gttcgtgcgg ttcgacagcg acgactagtg tcggaggtcg 180
ttcctaataaa aaaaaaaaaa aaaaaaaaaa 210

<210> 14
<211> 210
<212> DNA
<213> Homo sapiens

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ggctacgtgg acgatacgca gttcgtgcgg ttcgacagcg acgacaaaaa aaaaaaaaaa 180
aaaaaaaaaa tagtgtcgga ggtcgttcct 210

<210> 15
<211> 102
<212> DNA
<213> Homo sapiens

<400> 15
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tgctggcttg gttctacttg tatagtgtcg gaggtcgttc ct 102

<210> 16
<211> 95
<212> DNA
<213> Homo sapiens

<400> 16
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ggaagaagag ctcagtagtg tcggaggtcg ttcct 95