SEQUENCE LISTING

<110> TWIST BIOSCIENCE CORPORATION

<120> METHODS FOR SEAMLESS NUCLEIC ACID ASSEMBLY

<130> 44854-746.601

<140>
<141>

<150> 62/663,089
<151> 2018-04-26

<150> 62/518,496
<151> 2017-06-12

<160> 4

<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

<400> 1
agacaatcaa ccatttgggg tggacagcct tgacctctag acttcggcat ttttttttt 60

tt 62

<210> 2
<211> 112
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<220>
<221> modified_base
<222> (101)..(102)
<223> Thymidine-succinyl hexamide CED phosphoramidite

<400> 2
cgggatcctt atcgtcatcg tcgtacagat cccgacccat ttgctgtcca ccagtcatgc 60

tagccatacc atgatgatga tgatgatgag aaccccgcat ttttttttt tt 112

<210> 3
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 3
atgcggggtt ctcatcatc 19

<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 4
cgggatcctt atcgtcatcg 20