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<110> Illumina, Inc.
Kelley, Ryan

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<151> 2017-06-23

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cgtctcatat tactctgcgc tcagaaggcg ctgaggaata gacacatgt agtgttgcac	960

<210> 12
<211> 960
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificial Sequence

<400> 12
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ttacctggaa ccgttcaagg tgatgtaaga cagcacggag ctgcgagcca tcatagattg 180
gttgtagtgc accacgacat cgcaagagcc tatggagatt aggtccttcc gaacttcctt 240
tctatcctaa ctcgcttcgg ggtccgcttc aacttatcct ccggagtgga ttaagacaag 300
tggctaata caatcggctg ggctgttgat aatcaccagc gtcctggata acttcaagcg 360
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attatgtctc gccgcactct tagttcggta cgacctaacg tgacaatgtc cagtggcact 480
gccatataac attgcgcggt caagacgtcc tggagtactt gtgcgcttga acatatccag 540
gggtgcaccg aacactgtta cctgcggaac ttcataaggt cgttattcta taccgcctcg 600
cggttacggc taaccgtaat acatgagtga gtgcagacag gataggccga agcgaattag 660
cttgccatta tccattgccg gcaaccagtc atggttgact tggcgcgaac caatataggt 720
ggcgatcaga aatagctgag ataccaacgc gcgttggtat ttctcgtgca cctctacatg 780
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agactgcgaa gagtcatagg tctggtatcc ctcaacgctt cacggaacaa tgtaagggtg 900
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<210> 13
<211> 960
<212> DNA
<213> Artificial Sequence

<220>

<223> Artificial Sequence

<400> 13

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gattctgaat agcctcaggc atgttggttg gcaccaccaa accaagcagg gttggatgaa	180
tatcactctg cgctgtctca cgatgcgggt tagcataacc gtccaccgct acttggtatc	240
gagagggttcg agagaacctt ctggcaagag tcaatggaga tccgccaatt cttattggcc	300
actctattgt gtctcgccac atccagggtat gcttgaacgc aagttgacaa ggaccagtgg	360
ttgtatcagg ccacgctgaa gaatacctat aggcgttcgc ctaataaccg tcggcggtta	420
cgagaggcgt tagagaatac ccgacagact ttagtgagtc attggcttct gccaatctc	480
aattcttgga ggctccaag taggctcgcg cgaatctata gttcggagtt acctaagacc	540
gcgtgctgtg atacatcaca tgtgggtccgg cacaacttaa cagcaatcgt tgatggctac	600
catatgcgat tgcgcatagc gcgtccacct atacttggtc gctgacgttg atcagtagca	660
ttaaccttcg ccggttccta tacgtgaagg cgtacaggaa aggtatggcg gaacgcaata	720
tgtctggcct cactcaattc acagtaagat gtgacggagc ctgagccggt tcagattaac	780
tgccggtcag cattaactga agtactcatg gacgtctgca ccgcgtatag ttatacgca	840
gtaacttggt acggtccaac cgcttagaat tatccgaggc aacgaggccg ggtagaatta	900
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<210> 14

<211> 960

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificial Sequence

<400> 14

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ggagtgccga aagacattag tcgagccata ctagattgcg aggccgtgga gaattacaag	180

ttctgtagaa cctcacgagg ccggtaacac ttaacgggtg gcaatattca atggcgctg	240
tggcgaaggc caataggaat cacagcggtc tgtgataact gtggtcgtca acaactactg	300
ggctcgagag aatctagaga ctgcgttacc tcataccggtt ctttaagtcga tccggactag	360
ggccttgctc aattccatct agaattcgcc gaggcctatt ccaggcacca ttgaatgttg	420
cgctaagtta tatcggaccg atacgccggc gcgtattaat gttacacaac accgtgtggt	480
tacactacaa cgtgtcgtgg tgctactgcc catcgtcatt attgttcgtc gccacctact	540
cggccgatac taattagcgt gcgataaggc atagcggaat ataggtctta gcgaactccg	600
tggtacctaa caacgttcgg agtacaactc gacgtgggtc catttgtcaa tgccaactgg	660
ggtatgtaga aacgcacgag acggtcagga gtaactgaag tattgcgctc cgccatatct	720
agatccatta gagcttgccg cttgtacacc tccacgtgtt gtgtgaacaa acacagggtg	780
ccaccaggca ttgttgaatg tcttgtcggc ctccactaat ggcaagccag aatggattga	840
ctgttgggtc tcaccaactt ggtgctatat aacatcgcg ggtggacgtg aacaagtaca	900
accgttacaa gttaccgtgg tatgtagtca cgcacgactg gaagcggcac aggataatgt	960

<210> 15
 <211> 960
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Artificial Sequence

<400> 15	
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tcctggttgt cttcaaccac tcgctatgag ctatcgcaga cattagtgcg tgccgacata	180
agtagagccg gacgagatta cgtgcttgct tacatccatc gactgagtag agtcagacga	240
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gaactgagcg aggtcagata aaggccacgg ggaattgtaa cctgaccact ttcagttgtc	360
cgcattccgt tatgccttac gtattgacgt acgccagtac aaccatagaa gggtgagagg	420

ttacgcacct ccgtatgttc aagatacacg ggagcgtgta attgatactg gccagcgtca	480
caccgatgtg tgtagcaca ttggcagcgt ccaatgatac gcataagctt atgcggatcc	540
gcttctctgg atcctctcaa cacggctagt tgtaatcgac tgattatacg cagccgcgta	600
tataacagct cgcggtgac catagtaagg tgcgacggaa gagcgacgat agatagtagc	660
ttcttacttg cctccgtcca ctacacatgg tcgtgtgcaa acttacggat gtccgtaagc	720
acagtgtatg gtgacacgca ttgctctatt ccatctcgcc ccaaggcctt ttggaattcc	780
taatgtgtct cggcacactc actcggcaat gtctaattggc aggatgtgct gaagcacatc	840
tatcttgtag cgctccacga ttcactcact cctgtctgtc ccatcattag ttgtgccga	900
atgagatcat gcagagctgc tgtcgctggt cactatcaac ctctgcagcg tctcatgata	960

<210> 16
 <211> 960
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Artificial Sequence

<400> 16	
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gaagcacatc aggatgtgct gtctaattggc actcggcaat cggcacactc taatgtgtct	180
ttggaattcc ccaaggcctt ccatctcgcc ttgctctatt gtgacacgca acagtgtatg	240
gtccgtaagc acttacggat tcgtgtgcaa ctacacatgg cctccgtcca ttcttacttg	300
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cagccgcgta tgattatacg tgtaatcgac cacggctagt atcctctcaa gcttctctgg	420
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gccagcgtca attgatactg ggagcgtgta aagatacacg ccgtatgttc ttacgcacct	540
ggttgcgagg aaccatagaa acgccagtac gtattgacgt tatgccttac cgcattccgt	600
ttcagttgtc cctgaccact ggaattgtaa aaggccacgg aggtcagata gaactgagcg	660

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tgccgacata cattagtgcg ctatcgcaga tcgctatgag cttcaaccac tcctggttgt	840
acaagtggac gtggacaagt ggtaactcgc aacgggtctat taagcatcca cggatgcttg	900
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<210> 17
 <211> 960
 <212> DNA
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<220>
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<400> 17	
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aatggattga ggcaagccag ctccactaat tcttgtcggc ttgttgaatg ccaccaggca	180
acacaggtgg gtgtgaacaa tccacgtggt cttgtacacc gagcttgccg agatccatta	240
cgccatatct tattgcgctc gtaactgaag acggtcagga aacgcacgag ggtatgtaga	300
tgccaactgg cattggtcaa gacgtggtct agtacaactc caacgttcgg tggtagctaa	360
gcgaactccg ataggtctta atagcgggaat gcgataaggc taattagcgt cggccgatac	420
gccacctact attgttcgtc catcgtcatt tgctactgcc cgtgtcgtgg tacactacaa	480
accgtgtggt gttacacaac gcgtattaat atacgccggc tatcggaccg cgctaagtta	540
ttgaatgttg ccaggcacca gaggcctatt agaattcgcc aattccatct ggccttgctc	600
tccggactag cttaagtcga tcataccgtt ctgcgttacc aatctagaga ggctcgagag	660
acaactactg gtggtcgtca tgtgataact cacagcggtc caataggaat tggcgaaggc	720
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gaattacaag aggccgtgga ctagattgcg tcgagccata aagacattag ggagtgccga	840
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tcactgtccg ctgtcactta aactcgccgg ggtctattaa aacgttagtt ggtaccgacc 960

<210> 18

<211> 1160

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificial Sequence

<400> 18

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acatcgaacc ataagattgg ggaagtatgt gcgattggag cgaggtcgga ttcgccaccg 120

ccactcgtgc cttgtgtgag tcaaggtcac aggcagctct ctttcgtgat aaccttatgg 180

agctactata tgggtgttatg tctcacacgc ccgtgaccga acggatggta cctgcaacct 240

gtaccttccg ttatgcgtag caccttaatc caattaagcc aattggcgcc gaatatgcgg 300

attaacaagg cagagtccat atgtgtcaat cacaatatgc aatccaattg cgaggccaag 360

agcctatgat ttcttaacca gcaatacatt agtggttaag gagatccgct ttgactagta 420

atacaagcaa aggacaggcc ctacatgcct cagtaattac actagatggt ctccgatcgc 480

cttaccgcac cttacgcgtc ctttctaaca ggcgccattg cgcagcaatt gacgctgacc 540

gatcggataa cgtcaccttg cgtgtaccag agcgccacac gggtccgcaa ttcctacagc 600

caacaccgca gatcgtcgcg ttacagttag ctctgtgtat cctattgtta tccacacaga 660

ctggaactgt gaatgatctc ttgtctacat ccgcatacga tggtccggct ggccaatatt 720

tggccggatt acgttcctta gtaagcaacg ttcattgggtc acgttagccg gccatgtgcg 780

ctatagtctt tgataacgag gaagaacgct gcggagccaa aaggacgcac atagccaaga 840

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tgacggccgt tcttagctat agctaagcgg gatatttgtt tacacgttga tactgttcca 960

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ggcttgccca gccgggtggaa aggcgcataa tgagacttgc gcacactggc gacaaccgga 1080

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cctccggttg gattcgcagc 1160

<210> 19

<211> 1160

<212> DNA

<213> Artificial Sequence

<220>

<223> Artificial Sequence

<400> 19

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agcctatgat agcgccacac agctaagcgg agctactata aggacaggcc aggaggatc 180

aggcagctct aggcgcataa agtatcagtt agtgggttaag ataagattgg atacaagcaa 240

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1160