FIG. 1

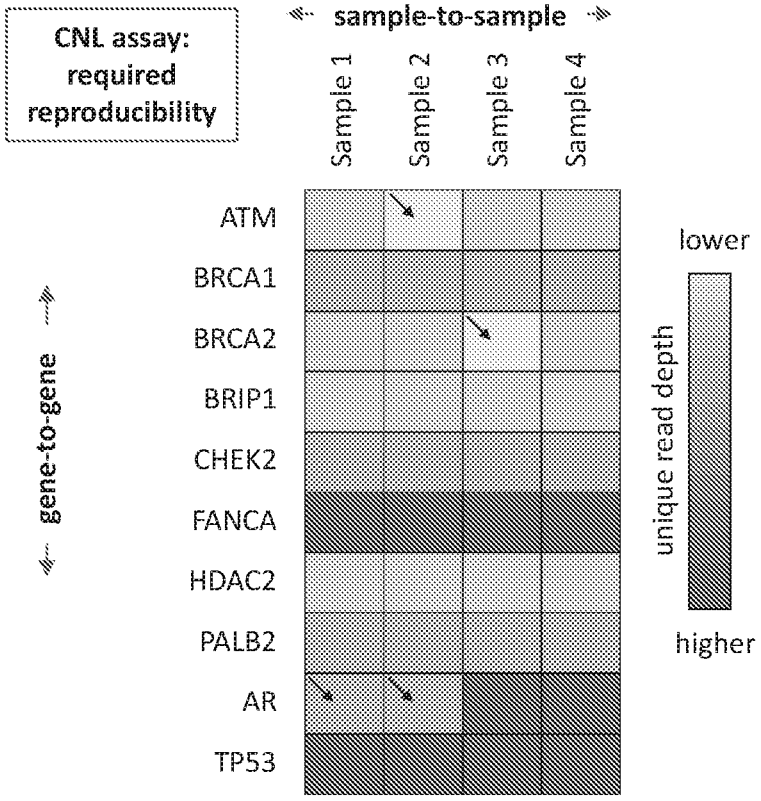

CNL assay: required reproducibility
sample-to-sample
Sample 1
Sample 2
Sample 3
Sample 4
gene-to-gene
ATM
BRCA1
BRCA2
BRIP1
CHEK2
FANCA
HDAC2
PALB2
AR
TP53
lower
unique read depth
higher

FIG. 2

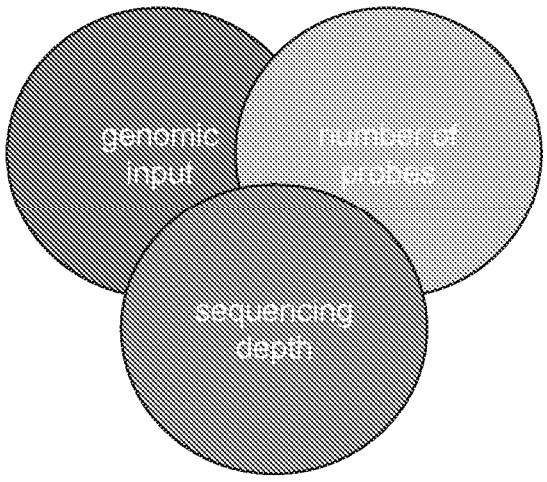

genomic input
number of probes
sequencing depth

FIG. 3

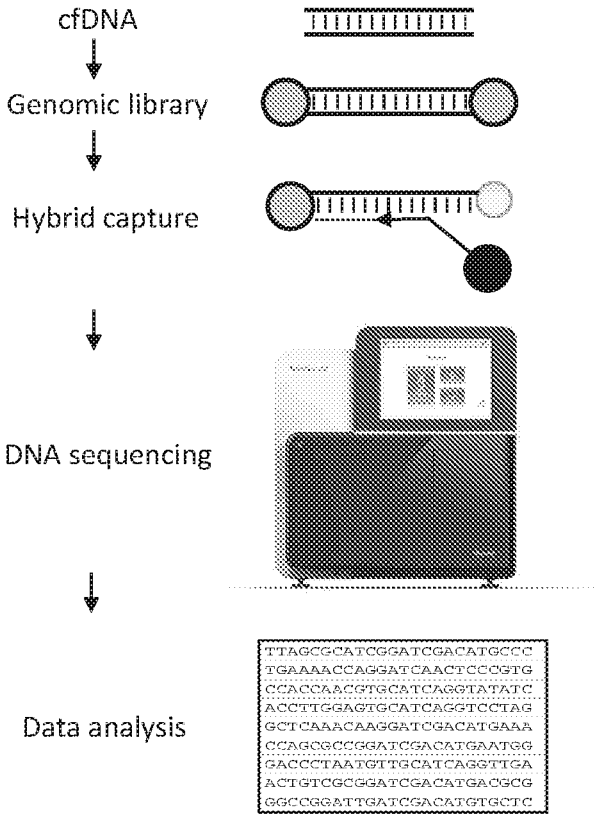

cfDNA
Genomic library
Hybrid capture
DNA sequencing
Data analysis
TTAGCGCATCGGATCGACATGCCC
TGAAAACCAGGATCAACTCCCGTG
CCACCAACGTGCATCAGGTATATC
ACCTTGGAGTGCATCAGGTCCTAG
GCTCAAACAAGGATCGACATGAAA
CCAGCGCCGGATCGACATGAATGG
GACCCTAATGTTGCATCAGGTTGA
ACTGTCGCGGATCGACATGACGCG
GGCCGGATTGATCGACATGTGCTC

FIG. 4A

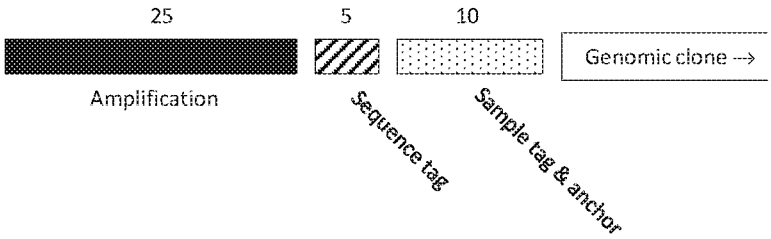

25
5
10
Genomic clone →
Amplification
Sequence tag
Sample tag & anchor

FIG. 4B

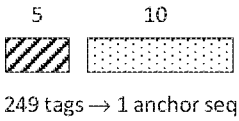

5
10
249 tags → 1 anchor sequence

FIG. 4C

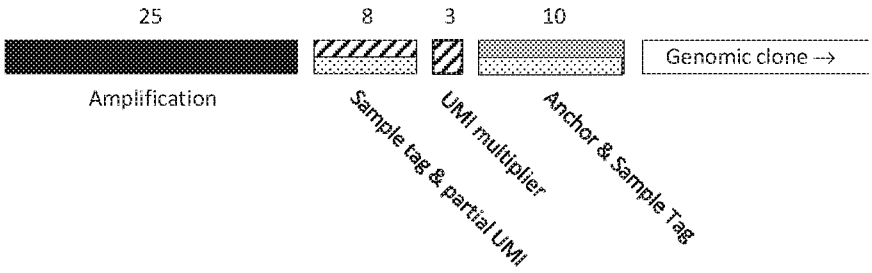


FIG. 4D

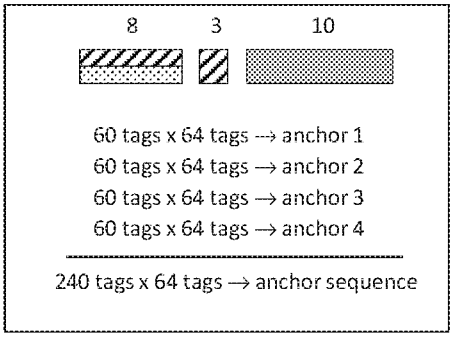


FIG. 4E



FIG. 5A

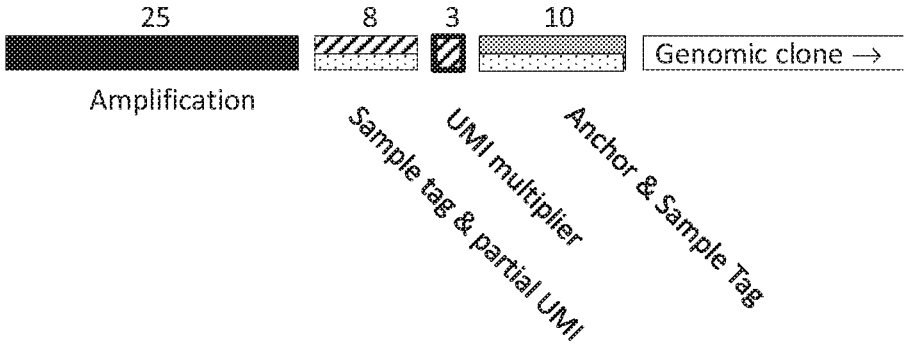

25
8
3
10
Genomic clone →
Amplification
Sample tag & partial UMI
UMI multiplier
Anchor & Sample Tag

FIG. 5B

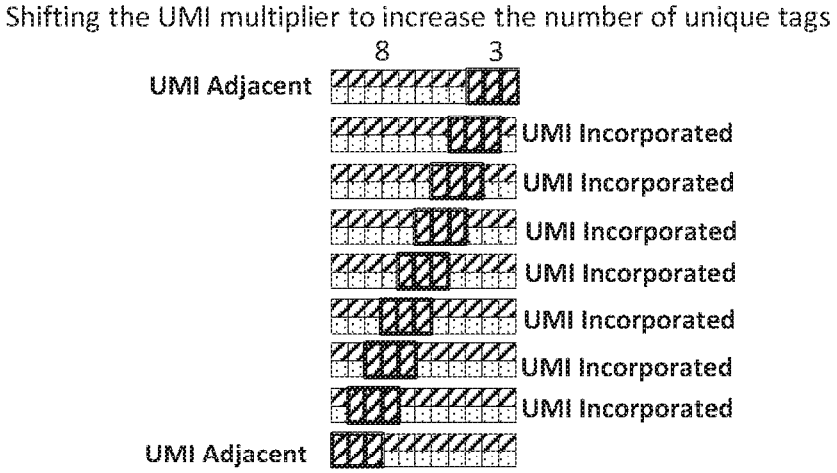

Shifting the UMI multiplier to increase the number of unique tags
8
3
UMI Adjacent
UMI Incorporated
UMI Incorporated
UMI Incorporated
UMI Incorporated
UMI Incorporated
UMI Incorporated
UMI Incorporated
UMI Adjacent

FIG. 6

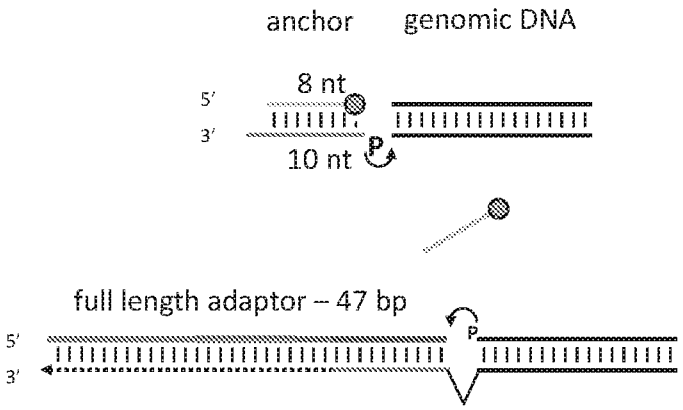

anchor
genomic DNA
8 nt
5′
3′
P
10 nt
full length adaptor – 47 bp
5′
3′
P

FIG. 7

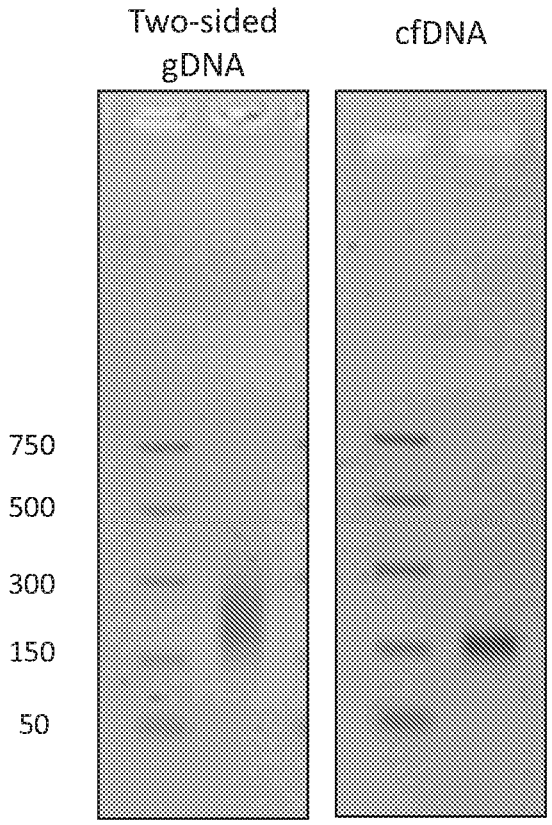

Two-sided gDNA
cfDNA
750
500
300
150
50

FIG. 8A

Sample	Input
Sample 1	Female gDNA + 8% BRCA2 delete
Sample 2	Female gDNA + 4% BRCA2 delete
Sample 3	Female gDNA + 2% BRCA2 delete
Sample 4	Pure Female gDNA
Sample 5	Female gDNA + 8% ATM delete
Sample 6	Female gDNA + 4% ATM delete
Sample 7	Female gDNA + 2% ATM delete
Sample 8	Pure Female gDNA

FIG. 8B

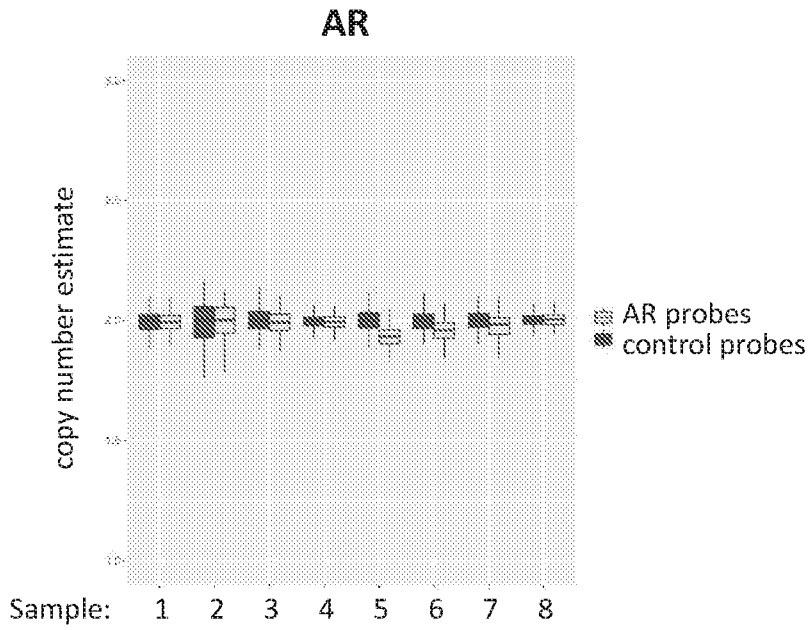


FIG. 8C

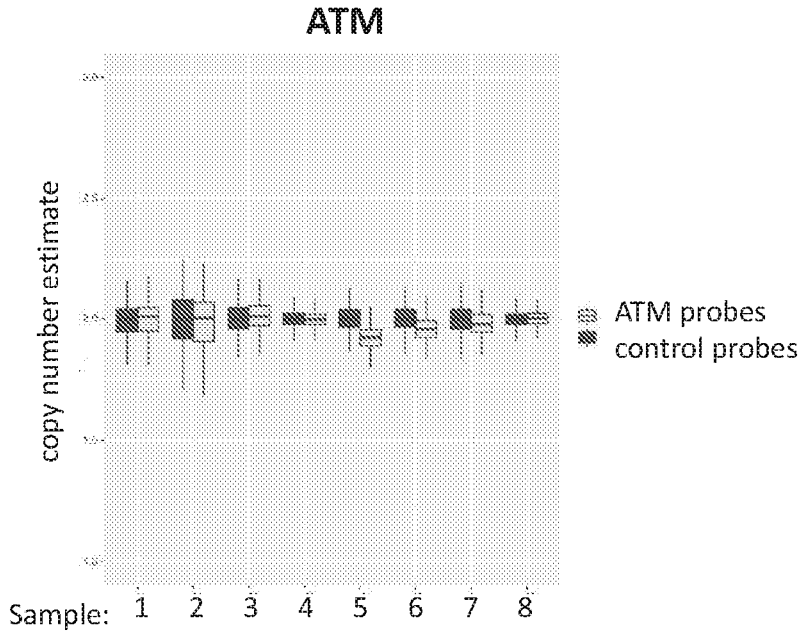


FIG. 9A

Sample	Input
Sample 1	Female gDNA + 8% BRCA2 delete
Sample 2	Female gDNA + 4% BRCA2 delete
Sample 3	Female gDNA + 2% BRCA2 delete
Sample 4	Pure Female gDNA
Sample 5	Female gDNA + 8% ATM delete
Sample 6	Female gDNA + 4% ATM delete
Sample 7	Female gDNA + 2% ATM delete
Sample 8	Pure Female gDNA

FIG. 9B

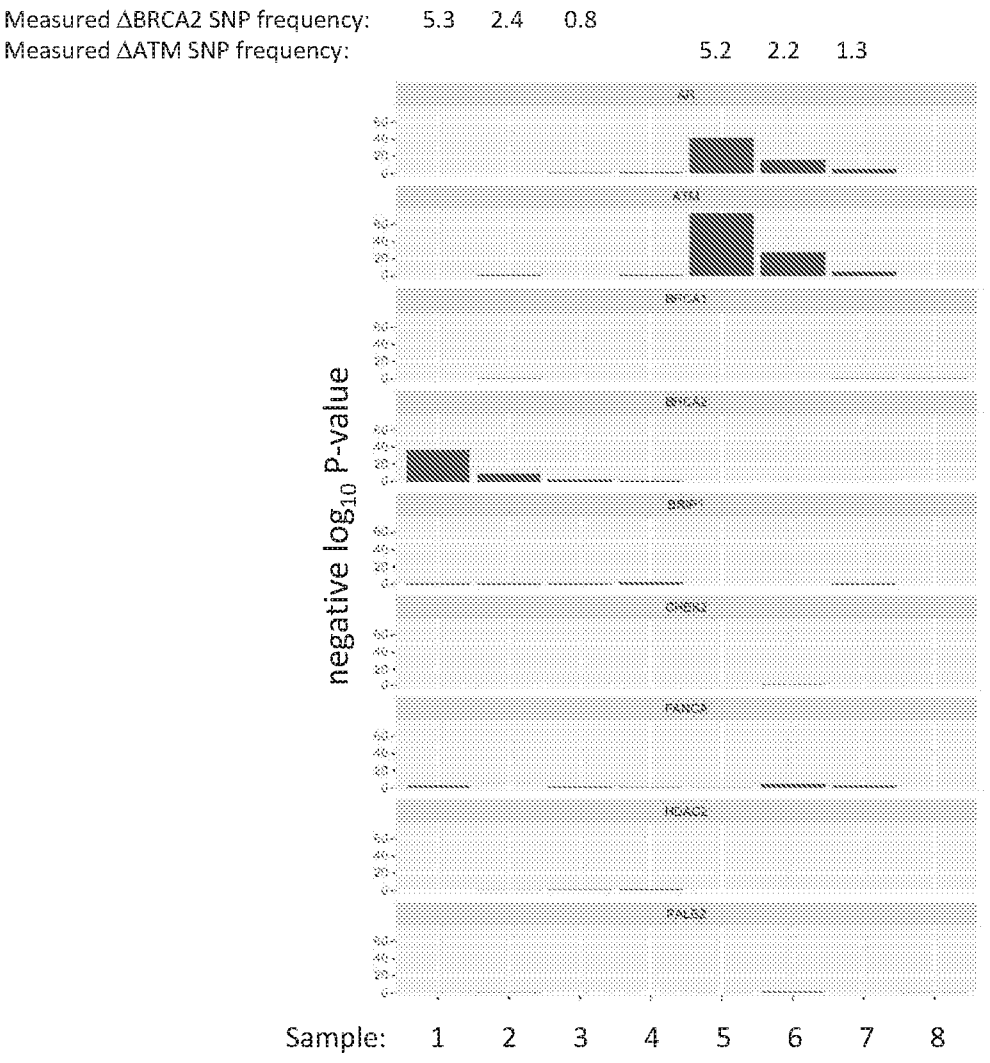


FIG. 10A

Sample	Input
Sample 1	F_cfDNA + 10% M_cfDNA
Sample 2	F_cfDNA + 5% M_cfDNA
Sample 3	Pure F_cfDNA
Sample 4	Pure F_cfDNA
Sample 5	F_cfDNA + 10% ATM
Sample 6	F_cfDNA + 5% ATM
Sample 7	F_cfDNA + 10% BRCA2
Sample 8	F_cfDNA + 5% BRCA2

FIG. 10B

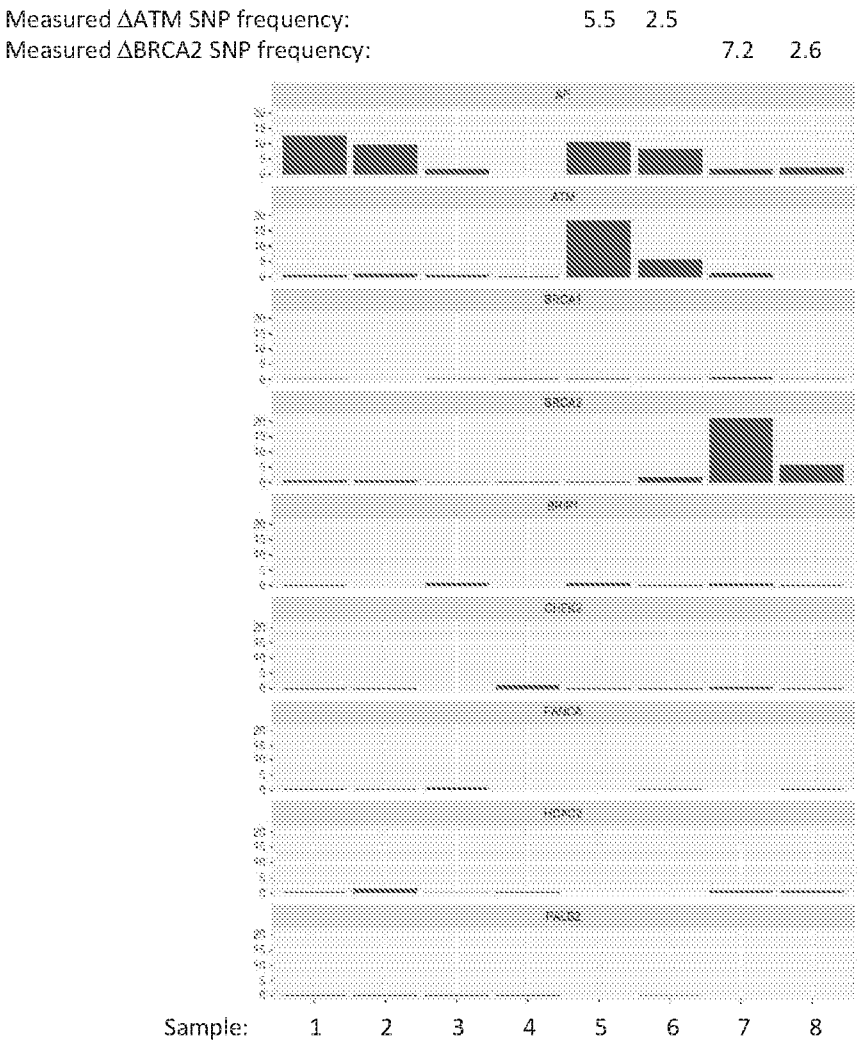


FIG. 11A

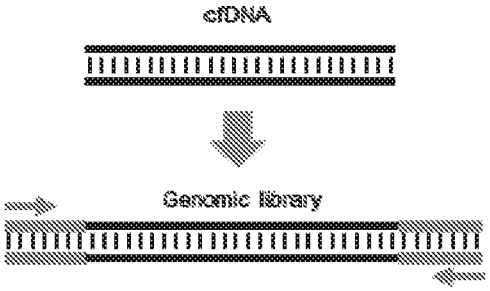


FIG. 11B

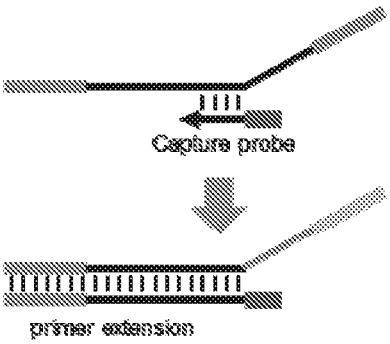


FIG. 11C

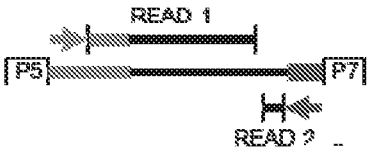


FIG. 11D D

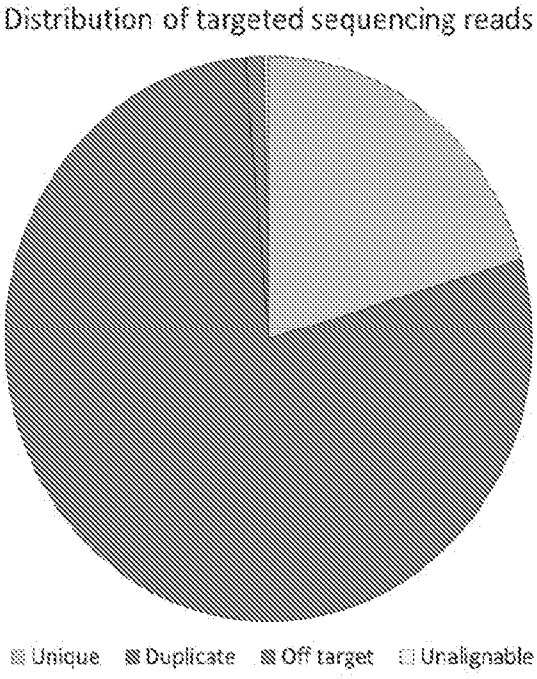


FIG. 12A

Pool-1	SEQ ID NO:	Pool-2	SEQ ID NO:	Pool-3	SEQ ID NO:
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TGCAGGACCAGAGAATTCGAATA CATTGCTCACNNNACGTATGCCA	10	TGCAGGACCAGAGAATTCGAATA CATATCAATGNNNACGTATGCCA	250	TGCAGGACCAGAGAATTCGAATA CAGTGTCTAGNNNACGTATGCCA	490
TGCAGGACCAGAGAATTCGAATA CATAATACACNNNACGTATGCCA	11	TGCAGGACCAGAGAATTCGAATA CACTGCAGATNNNACGTATGCCA	251	TGCAGGACCAGAGAATTCGAATA CAGCGCCAGTNNNACGTATGCCA	491
TGCAGGACCAGAGAATTCGAATA CATCAGCATGNNNACGTATGCCA	12	TGCAGGACCAGAGAATTCGAATA CAATCGGATCNNNACGTATGCCA	252	TGCAGGACCAGAGAATTCGAATA CAGCTCTGAANNNACGTATGCCA	492
TGCAGGACCAGAGAATTCGAATA CAACTGTAGCNNNACGTATGCCA	13	TGCAGGACCAGAGAATTCGAATA CACTGTTCCANNNACGTATGCCA	253	TGCAGGACCAGAGAATTCGAATA CAAGACTTGCNNNACGTATGCCA	493
TGCAGGACCAGAGAATTCGAATA CAATTATGCANNNACGTATGCCA	14	TGCAGGACCAGAGAATTCGAATA CATCACATTTNNNACGTATGCCA	254	TGCAGGACCAGAGAATTCGAATA CAGATGGTCTNNNACGTATGCCA	494
TGCAGGACCAGAGAATTCGAATA CATGACCTTCNNNACGTATGCCA	15	TGCAGGACCAGAGAATTCGAATA CAGCGTGGCTNNNACGTATGCCA	255	TGCAGGACCAGAGAATTCGAATA CATTGTGAATNNNACGTATGCCA	495
TGCAGGACCAGAGAATTCGAATA CAAAAATCCTNNNACGTATGCCA	16	TGCAGGACCAGAGAATTCGAATA CACGGAGTAANNNACGTATGCCA	256	TGCAGGACCAGAGAATTCGAATA CACAGCGCGTNNNACGTATGCCA	496
TGCAGGACCAGAGAATTCGAATA CAGGTTCCGGNNNACGTATGCCA	17	TGCAGGACCAGAGAATTCGAATA CAGTGTCCGGNNNACGTATGCCA	257	TGCAGGACCAGAGAATTCGAATA CATGCCAAGTNNNACGTATGCCA	497
TGCAGGACCAGAGAATTCGAATA CAACGTGCATNNNACGTATGCCA	18	TGCAGGACCAGAGAATTCGAATA CATATTGTAGNNNACGTATGCCA	258	TGCAGGACCAGAGAATTCGAATA CACGTCGTTTNNNACGTATGCCA	498
TGCAGGACCAGAGAATTCGAATA CACGCCCCATNNNACGTATGCCA	19	TGCAGGACCAGAGAATTCGAATA CATAGTATTGNNNACGTATGCCA	259	TGCAGGACCAGAGAATTCGAATA CACCAACGGCNNNACGTATGCCA	499
TGCAGGACCAGAGAATTCGAATA CAGTAAGCCTNNNACGTATGCCA	20	TGCAGGACCAGAGAATTCGAATA CAAGCGCTTANNNACGTATGCCA	260	TGCAGGACCAGAGAATTCGAATA CACAGTTATANNNACGTATGCCA	500
TGCAGGACCAGAGAATTCGAATA CAAGTAATAGNNNACGTATGCCA	21	TGCAGGACCAGAGAATTCGAATA CATGCAGGTTNNNACGTATGCCA	261	TGCAGGACCAGAGAATTCGAATA CACGAAGGCGNNNACGTATGCCA	501
TGCAGGACCAGAGAATTCGAATA CAAAGTCCCANNNACGTATGCCA	22	TGCAGGACCAGAGAATTCGAATA CACCTCCGGTNNNACGTATGCCA	262	TGCAGGACCAGAGAATTCGAATA CAATGGCTACNNNACGTATGCCA	502
TGCAGGACCAGAGAATTCGAATA CAAGTGCATCNNNACGTATGCCA	23	TGCAGGACCAGAGAATTCGAATA CAAGACGGATNNNACGTATGCCA	263	TGCAGGACCAGAGAATTCGAATA CATCGCATGANNNACGTATGCCA	503
TGCAGGACCAGAGAATTCGAATA CAGACATATTNNNACGTATGCCA	24	TGCAGGACCAGAGAATTCGAATA CATCTGTCTGNNNACGTATGCCA	264	TGCAGGACCAGAGAATTCGAATA CAATATCCTTNNNACGTATGCCA	504
TGCAGGACCAGAGAATTCGAATA CAGTCCACAANNNACGTATGCCA	25	TGCAGGACCAGAGAATTCGAATA CATTCACCGTNNNACGTATGCCA	265	TGCAGGACCAGAGAATTCGAATA CATGAAGCAGNNNACGTATGCCA	505
TGCAGGACCAGAGAATTCGAATA CATCTCAGAGNNNACGTATGCCA	26	TGCAGGACCAGAGAATTCGAATA CACGTAAAGGNNNACGTATGCCA	266	TGCAGGACCAGAGAATTCGAATA CAGACCACCGNNNACGTATGCCA	506
TGCAGGACCAGAGAATTCGAATA CAAAAACGTANNNACGTATGCCA	27	TGCAGGACCAGAGAATTCGAATA CAAGAAAGAANNNACGTATGCCA	267	TGCAGGACCAGAGAATTCGAATA CAAGATTAGANNNACGTATGCCA	507
TGCAGGACCAGAGAATTCGAATA CACTACCAAGNNNACGTATGCCA	28	TGCAGGACCAGAGAATTCGAATA CAAGTAGTTTNNNACGTATGCCA	268	TGCAGGACCAGAGAATTCGAATA CAAGATCTATNNNACGTATGCCA	508
TGCAGGACCAGAGAATTCGAATA CACCTGACTTNNNACGTATGCCA	29	TGCAGGACCAGAGAATTCGAATA CAGGTACCTANNNACGTATGCCA	269	TGCAGGACCAGAGAATTCGAATA CAACGTACACNNNACGTATGCCA	509
TGCAGGACCAGAGAATTCGAATA CACTCCTATGNNNACGTATGCCA	30	TGCAGGACCAGAGAATTCGAATA CAGAAGCACANNNACGTATGCCA	270	TGCAGGACCAGAGAATTCGAATA CACGGTTACANNNACGTATGCCA	510
TGCAGGACCAGAGAATTCGAATA CAATCATGATNNNACGTATGCCA	31	TGCAGGACCAGAGAATTCGAATA CACTAATAACNNNACGTATGCCA	271	TGCAGGACCAGAGAATTCGAATA CAAAACCTATNNNACGTATGCCA	511
TGCAGGACCAGAGAATTCGAATA CATGACGGTTNNNACGTATGCCA	32	TGCAGGACCAGAGAATTCGAATA CAACGGACAANNNACGTATGCCA	272	TGCAGGACCAGAGAATTCGAATA CACTGATTTTNNNACGTATGCCA	512
TGCAGGACCAGAGAATTCGAATA CAGTCGGCGTNNNACGTATGCCA	33	TGCAGGACCAGAGAATTCGAATA CAATCCAGTGNNNACGTATGCCA	273	TGCAGGACCAGAGAATTCGAATA CATGAATATCNNNACGTATGCCA	513
TGCAGGACCAGAGAATTCGAATA CAGTTACCCTNNNACGTATGCCA	34	TGCAGGACCAGAGAATTCGAATA CAGGACAACANNNACGTATGCCA	274	TGCAGGACCAGAGAATTCGAATA CAACTGCGCGNNNACGTATGCCA	514
TGCAGGACCAGAGAATTCGAATA CACTTAACGGNNNACGTATGCCA	35	TGCAGGACCAGAGAATTCGAATA CAGAAAGTTANNNACGTATGCCA	275	TGCAGGACCAGAGAATTCGAATA CAGAACGACANNNACGTATGCCA	515
TGCAGGACCAGAGAATTCGAATA CACGCTCCTGNNNACGTATGCCA	36	TGCAGGACCAGAGAATTCGAATA CAAACACAGGNNNACGTATGCCA	276	TGCAGGACCAGAGAATTCGAATA CATATATTGGNNNACGTATGCCA	516
TGCAGGACCAGAGAATTCGAATA CATCTCGGTTNNNACGTATGCCA	37	TGCAGGACCAGAGAATTCGAATA CACCAGAATCNNNACGTATGCCA	277	TGCAGGACCAGAGAATTCGAATA CATAGATGCCNNNACGTATGCCA	517
TGCAGGACCAGAGAATTCGAATA CAGCTCGAGCNNNACGTATGCCA	38	TGCAGGACCAGAGAATTCGAATA CATTCACCACNNNACGTATGCCA	278	TGCAGGACCAGAGAATTCGAATA CAGCAAGTAGNNNACGTATGCCA	518
TGCAGGACCAGAGAATTCGAATA CACGCTTCGCNNNACGTATGCCA	39	TGCAGGACCAGAGAATTCGAATA CATCGAGAGANNNACGTATGCCA	279	TGCAGGACCAGAGAATTCGAATA CAAACGACCTNNNACGTATGCCA	519
TGCAGGACCAGAGAATTCGAATA CAATCCAGACNNNACGTATGCCA	40	TGCAGGACCAGAGAATTCGAATA CACGATGTCANNNACGTATGCCA	280	TGCAGGACCAGAGAATTCGAATA CAGTACAGTCNNNACGTATGCCA	520
TGCAGGACCAGAGAATTCGAATA CATAGCACTGNNNACGTATGCCA	41	TGCAGGACCAGAGAATTCGAATA CACGGCAGGANNNACGTATGCCA	281	TGCAGGACCAGAGAATTCGAATA CATATGCGGTNNNACGTATGCCA	521

FIG. 12B

Pool-1	SEQ ID NO:	Pool-2	SEQ ID NO:	Pool-3	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACTGGCTTTNNNACGTATGCCA	42	TGCAGGACCAGAGAATTCGAATA CAAGAACCAGNNNACGTATGCCA	282	TGCAGGACCAGAGAATTCGAATA CAATAATAGGNNNACGTATGCCA	522
TGCAGGACCAGAGAATTCGAATA CAGCAAATGGNNNACGTATGCCA	43	TGCAGGACCAGAGAATTCGAATA CAGATTTTGANNNACGTATGCCA	283	TGCAGGACCAGAGAATTCGAATA CAGTTACTAANNNACGTATGCCA	523
TGCAGGACCAGAGAATTCGAATA CAGGATGACANNNACGTATGCCA	44	TGCAGGACCAGAGAATTCGAATA CAAACACGTCNNNACGTATGCCA	284	TGCAGGACCAGAGAATTCGAATA CACCCTTGTANNNACGTATGCCA	524
TGCAGGACCAGAGAATTCGAATA CAGCCCCACTNNNACGTATGCCA	45	TGCAGGACCAGAGAATTCGAATA CAACCTCTACNNNACGTATGCCA	285	TGCAGGACCAGAGAATTCGAATA CAACATTTCTNNNACGTATGCCA	525
TGCAGGACCAGAGAATTCGAATA CACTAGCCGGNNNACGTATGCCA	46	TGCAGGACCAGAGAATTCGAATA CAGGCGTTTANNNACGTATGCCA	286	TGCAGGACCAGAGAATTCGAATA CACCGACTTTNNNACGTATGCCA	526
TGCAGGACCAGAGAATTCGAATA CACCCTCCTCNNNACGTATGCCA	47	TGCAGGACCAGAGAATTCGAATA CACCCGAAGCNNNACGTATGCCA	287	TGCAGGACCAGAGAATTCGAATA CATATGAACTNNNACGTATGCCA	527
TGCAGGACCAGAGAATTCGAATA CATGTAGTGCNNNACGTATGCCA	48	TGCAGGACCAGAGAATTCGAATA CATACCTACCNNNACGTATGCCA	288	TGCAGGACCAGAGAATTCGAATA CATTCTTTTCNNNACGTATGCCA	528
TGCAGGACCAGAGAATTCGAATA CAGAATGTGGNNNACGTATGCCA	49	TGCAGGACCAGAGAATTCGAATA CATTTACGCCNNNACGTATGCCA	289	TGCAGGACCAGAGAATTCGAATA CAATAGGTTTNNNACGTATGCCA	529
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TGCAGGACCAGAGAATTCGAATA CAGTAACCGTNNNACGTATGCCA	55	TGCAGGACCAGAGAATTCGAATA CAACCCATTCNNNACGTATGCCA	295	TGCAGGACCAGAGAATTCGAATA CACTCTCGATNNNACGTATGCCA	535
TGCAGGACCAGAGAATTCGAATA CATAGTTTTCNNNACGTATGCCA	56	TGCAGGACCAGAGAATTCGAATA CATCTAAGCGNNNACGTATGCCA	296	TGCAGGACCAGAGAATTCGAATA CACCCTGACCNNNACGTATGCCA	536
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TGCAGGACCAGAGAATTCGAATA CATCCACTCANNNACGTATGCCA	63	TGCAGGACCAGAGAATTCGAATA CATGTGATTANNNACGTATGCCA	303	TGCAGGACCAGAGAATTCGAATA CACCACCGTCNNNACGTATGCCA	543
TGCAGGACCAGAGAATTCGAATA CAGTGACTGTNNNACGTATGCCA	64	TGCAGGACCAGAGAATTCGAATA CAACCCAATGNNNACGTATGCCA	304	TGCAGGACCAGAGAATTCGAATA CAGAATCGCTNNNACGTATGCCA	544
TGCAGGACCAGAGAATTCGAATA CATTACGGCANNNACGTATGCCA	65	TGCAGGACCAGAGAATTCGAATA CAACGTGTACNNNACGTATGCCA	305	TGCAGGACCAGAGAATTCGAATA CAAGTGTTATNNNACGTATGCCA	545
TGCAGGACCAGAGAATTCGAATA CACACCTCCGNNNACGTATGCCA	66	TGCAGGACCAGAGAATTCGAATA CAATGAAATGNNNACGTATGCCA	306	TGCAGGACCAGAGAATTCGAATA CAACGCGTCGNNNACGTATGCCA	546
TGCAGGACCAGAGAATTCGAATA CAAAGAAGAANNNACGTATGCCA	67	TGCAGGACCAGAGAATTCGAATA CATCCTCGTANNNACGTATGCCA	307	TGCAGGACCAGAGAATTCGAATA CACTCGTGTTNNNACGTATGCCA	547
TGCAGGACCAGAGAATTCGAATA CAGAACCTGTNNNACGTATGCCA	68	TGCAGGACCAGAGAATTCGAATA CAGTAACAGGNNNACGTATGCCA	308	TGCAGGACCAGAGAATTCGAATA CATTGTAGATNNNACGTATGCCA	548
TGCAGGACCAGAGAATTCGAATA CAGAATAACANNNCTAGCGTTAC	69	TGCAGGACCAGAGAATTCGAATA CAACTCGGTANNNCTAGCGTTAC	309	TGCAGGACCAGAGAATTCGAATA CAGCCGCAGTNNNCTAGCGTTAC	549
TGCAGGACCAGAGAATTCGAATA CAGCCTCGTCNNNCTAGCGTTAC	70	TGCAGGACCAGAGAATTCGAATA CAACGCTTAGNNNCTAGCGTTAC	310	TGCAGGACCAGAGAATTCGAATA CAAGTGACGANNNCTAGCGTTAC	550
TGCAGGACCAGAGAATTCGAATA CACCCGCACTNNNCTAGCGTTAC	71	TGCAGGACCAGAGAATTCGAATA CATCAAGCTGNNNCTAGCGTTAC	311	TGCAGGACCAGAGAATTCGAATA CAATACCTCCNNNCTAGCGTTAC	551
TGCAGGACCAGAGAATTCGAATA CACCACGATANNNCTAGCGTTAC	72	TGCAGGACCAGAGAATTCGAATA CATAGCTAATNNNCTAGCGTTAC	312	TGCAGGACCAGAGAATTCGAATA CACTTTTTGANNNCTAGCGTTAC	552
TGCAGGACCAGAGAATTCGAATA CACGGTACATNNNCTAGCGTTAC	73	TGCAGGACCAGAGAATTCGAATA CACGGCATTANNNCTAGCGTTAC	313	TGCAGGACCAGAGAATTCGAATA CAATATCATGNNNCTAGCGTTAC	553
TGCAGGACCAGAGAATTCGAATA CACCATATCCNNNCTAGCGTTAC	74	TGCAGGACCAGAGAATTCGAATA CAAATGATGANNNCTAGCGTTAC	314	TGCAGGACCAGAGAATTCGAATA CATACATATGNNNCTAGCGTTAC	554

FIG. 12C

Pool-1	SEQ ID NO:	Pool-2	SEQ ID NO:	Pool-3	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACATACGGTNNNCTAGCGTTAC	75	TGCAGGACCAGAGAATTCGAATA CATCGCGATANNNCTAGCGTTAC	315	TGCAGGACCAGAGAATTCGAATA CAACTTTTGTNNNCTAGCGTTAC	555
TGCAGGACCAGAGAATTCGAATA CAAATAGCTTNNNCTAGCGTTAC	76	TGCAGGACCAGAGAATTCGAATA CACACAGGTTNNNCTAGCGTTAC	316	TGCAGGACCAGAGAATTCGAATA CATAATGTACNNNCTAGCGTTAC	556
TGCAGGACCAGAGAATTCGAATA CACCAGGTATNNNCTAGCGTTAC	77	TGCAGGACCAGAGAATTCGAATA CAACGGTGCCNNNCTAGCGTTAC	317	TGCAGGACCAGAGAATTCGAATA CAAACGACAGNNNCTAGCGTTAC	557
TGCAGGACCAGAGAATTCGAATA CACAACCTGANNNCTAGCGTTAC	78	TGCAGGACCAGAGAATTCGAATA CAGTTACAGCNNNCTAGCGTTAC	318	TGCAGGACCAGAGAATTCGAATA CAGCTCCTATNNNCTAGCGTTAC	558
TGCAGGACCAGAGAATTCGAATA CATGATGGTCNNNCTAGCGTTAC	79	TGCAGGACCAGAGAATTCGAATA CATGCGATGTNNNCTAGCGTTAC	319	TGCAGGACCAGAGAATTCGAATA CACCGAAACTNNNCTAGCGTTAC	559
TGCAGGACCAGAGAATTCGAATA CAGGAGCCGANNNCTAGCGTTAC	80	TGCAGGACCAGAGAATTCGAATA CAATGGTGCTNNNCTAGCGTTAC	320	TGCAGGACCAGAGAATTCGAATA CAGCTAGGAANNNCTAGCGTTAC	560
TGCAGGACCAGAGAATTCGAATA CAATGCGGCCNNNCTAGCGTTAC	81	TGCAGGACCAGAGAATTCGAATA CAACCCCAGGNNNCTAGCGTTAC	321	TGCAGGACCAGAGAATTCGAATA CAGCTTCCGCNNNCTAGCGTTAC	561
TGCAGGACCAGAGAATTCGAATA CATGCTGTAGNNNCTAGCGTTAC	82	TGCAGGACCAGAGAATTCGAATA CAGCAGACGGNNNCTAGCGTTAC	322	TGCAGGACCAGAGAATTCGAATA CAACAGCATCNNNCTAGCGTTAC	562
TGCAGGACCAGAGAATTCGAATA CAGCATTGACNNNCTAGCGTTAC	83	TGCAGGACCAGAGAATTCGAATA CACTGGCAGCNNNCTAGCGTTAC	323	TGCAGGACCAGAGAATTCGAATA CAACGAGAGTNNNCTAGCGTTAC	563
TGCAGGACCAGAGAATTCGAATA CATTTGTACTNNNCTAGCGTTAC	84	TGCAGGACCAGAGAATTCGAATA CAAGAGAGTCNNNCTAGCGTTAC	324	TGCAGGACCAGAGAATTCGAATA CAATCATATGNNNCTAGCGTTAC	564
TGCAGGACCAGAGAATTCGAATA CACATATGGCNNNCTAGCGTTAC	85	TGCAGGACCAGAGAATTCGAATA CACGTTTTATNNNCTAGCGTTAC	325	TGCAGGACCAGAGAATTCGAATA CATGAGATTTNNNCTAGCGTTAC	565
TGCAGGACCAGAGAATTCGAATA CAGCATGAAGNNNCTAGCGTTAC	86	TGCAGGACCAGAGAATTCGAATA CAAGAGGTCANNNCTAGCGTTAC	326	TGCAGGACCAGAGAATTCGAATA CAGCCGGCCGNNNCTAGCGTTAC	566
TGCAGGACCAGAGAATTCGAATA CACAGGAAACNNNCTAGCGTTAC	87	TGCAGGACCAGAGAATTCGAATA CATTCTCTCCNNNCTAGCGTTAC	327	TGCAGGACCAGAGAATTCGAATA CAAGGCGCAGNNNCTAGCGTTAC	567
TGCAGGACCAGAGAATTCGAATA CACCTAAGACNNNCTAGCGTTAC	88	TGCAGGACCAGAGAATTCGAATA CACGTGTCTTNNNCTAGCGTTAC	328	TGCAGGACCAGAGAATTCGAATA CAGTACACACNNNCTAGCGTTAC	568
TGCAGGACCAGAGAATTCGAATA CAACCTAGGTNNNCTAGCGTTAC	89	TGCAGGACCAGAGAATTCGAATA CACTCAGCAANNNCTAGCGTTAC	329	TGCAGGACCAGAGAATTCGAATA CAAGATTTCANNNCTAGCGTTAC	569
TGCAGGACCAGAGAATTCGAATA CACCATTGTCNNNCTAGCGTTAC	90	TGCAGGACCAGAGAATTCGAATA CATCTTATGTNNNCTAGCGTTAC	330	TGCAGGACCAGAGAATTCGAATA CATGCATCTCNNNCTAGCGTTAC	570
TGCAGGACCAGAGAATTCGAATA CATCGGTTTCNNNCTAGCGTTAC	91	TGCAGGACCAGAGAATTCGAATA CATCGGCACGNNNCTAGCGTTAC	331	TGCAGGACCAGAGAATTCGAATA CACTCAGAGTNNNCTAGCGTTAC	571
TGCAGGACCAGAGAATTCGAATA CACACCTGTTNNNCTAGCGTTAC	92	TGCAGGACCAGAGAATTCGAATA CACGTTTCTGNNNCTAGCGTTAC	332	TGCAGGACCAGAGAATTCGAATA CAACTCTGTCNNNCTAGCGTTAC	572
TGCAGGACCAGAGAATTCGAATA CAAGAGAGAGNNNCTAGCGTTAC	93	TGCAGGACCAGAGAATTCGAATA CAATGTGAGGNNNCTAGCGTTAC	333	TGCAGGACCAGAGAATTCGAATA CATTATCCGCNNNCTAGCGTTAC	573
TGCAGGACCAGAGAATTCGAATA CAATGGCCCGNNNCTAGCGTTAC	94	TGCAGGACCAGAGAATTCGAATA CAAGAAACATNNNCTAGCGTTAC	334	TGCAGGACCAGAGAATTCGAATA CAGCCCTTGCNNNCTAGCGTTAC	574
TGCAGGACCAGAGAATTCGAATA CATAGCGTGTNNNCTAGCGTTAC	95	TGCAGGACCAGAGAATTCGAATA CAGAGAGAAGNNNCTAGCGTTAC	335	TGCAGGACCAGAGAATTCGAATA CAAACTTCTTNNNCTAGCGTTAC	575
TGCAGGACCAGAGAATTCGAATA CAGAAGACACNNNCTAGCGTTAC	96	TGCAGGACCAGAGAATTCGAATA CACTTCAGGANNNCTAGCGTTAC	336	TGCAGGACCAGAGAATTCGAATA CATTGTAGGCNNNCTAGCGTTAC	576
TGCAGGACCAGAGAATTCGAATA CATCATTTGTNNNCTAGCGTTAC	97	TGCAGGACCAGAGAATTCGAATA CATCCCTCGGNNNCTAGCGTTAC	337	TGCAGGACCAGAGAATTCGAATA CATGACCCAANNNCTAGCGTTAC	577
TGCAGGACCAGAGAATTCGAATA CATCGAACACNNNCTAGCGTTAC	98	TGCAGGACCAGAGAATTCGAATA CACCTTCCTTNNNCTAGCGTTAC	338	TGCAGGACCAGAGAATTCGAATA CACCTCTGTANNNCTAGCGTTAC	578
TGCAGGACCAGAGAATTCGAATA CAAGCTTACGNNNCTAGCGTTAC	99	TGCAGGACCAGAGAATTCGAATA CATAGTTATGNNNCTAGCGTTAC	339	TGCAGGACCAGAGAATTCGAATA CAAGCCACTANNNCTAGCGTTAC	579
TGCAGGACCAGAGAATTCGAATA CACTCGGTTTNNNCTAGCGTTAC	100	TGCAGGACCAGAGAATTCGAATA CAGCATAGAGNNNCTAGCGTTAC	340	TGCAGGACCAGAGAATTCGAATA CATGTATGATNNNCTAGCGTTAC	580
TGCAGGACCAGAGAATTCGAATA CAAATCGTTANNNCTAGCGTTAC	101	TGCAGGACCAGAGAATTCGAATA CATAGCTCCTNNNCTAGCGTTAC	341	TGCAGGACCAGAGAATTCGAATA CACAGGTCGCNNNCTAGCGTTAC	581
TGCAGGACCAGAGAATTCGAATA CATAACAGTTNNNCTAGCGTTAC	102	TGCAGGACCAGAGAATTCGAATA CAACCACGTANNNCTAGCGTTAC	342	TGCAGGACCAGAGAATTCGAATA CATTTTTTTTNNNCTAGCGTTAC	582
TGCAGGACCAGAGAATTCGAATA CAATCCTGTCNNNCTAGCGTTAC	103	TGCAGGACCAGAGAATTCGAATA CACATCGTCTNNNCTAGCGTTAC	343	TGCAGGACCAGAGAATTCGAATA CATTTGCGGANNNCTAGCGTTAC	583
TGCAGGACCAGAGAATTCGAATA CAGTAATGTTNNNCTAGCGTTAC	104	TGCAGGACCAGAGAATTCGAATA CAAGAGATTANNNCTAGCGTTAC	344	TGCAGGACCAGAGAATTCGAATA CAAGCCTGTANNNCTAGCGTTAC	584
TGCAGGACCAGAGAATTCGAATA CATTGCGCGGNNNCTAGCGTTAC	105	TGCAGGACCAGAGAATTCGAATA CAATCAAAGANNNCTAGCGTTAC	345	TGCAGGACCAGAGAATTCGAATA CAGCGGCACTNNNCTAGCGTTAC	585
TGCAGGACCAGAGAATTCGAATA CAGTCAGGAANNNCTAGCGTTAC	106	TGCAGGACCAGAGAATTCGAATA CAGGAGTACANNNCTAGCGTTAC	346	TGCAGGACCAGAGAATTCGAATA CATGTTGAGCNNNCTAGCGTTAC	586
TGCAGGACCAGAGAATTCGAATA CAGTTAAAAGNNNCTAGCGTTAC	107	TGCAGGACCAGAGAATTCGAATA CAATAGCAGGNNNCTAGCGTTAC	347	TGCAGGACCAGAGAATTCGAATA CAAAAAGTTGNNNCTAGCGTTAC	587

FIG. 12D

Pool-1	SEQ ID NO:	Pool-2	SEQ ID NO:	Pool-3	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATGTCATAANNNCTAGCGTTAC	108	TGCAGGACCAGAGAATTCGAATA CATCTAATTCNNNCTAGCGTTAC	348	TGCAGGACCAGAGAATTCGAATA CACGGTGCCANNNCTAGCGTTAC	588
TGCAGGACCAGAGAATTCGAATA CAACTTGAATNNNCTAGCGTTAC	109	TGCAGGACCAGAGAATTCGAATA CAGTTCCCGCNNNCTAGCGTTAC	349	TGCAGGACCAGAGAATTCGAATA CACAGCGGTCNNNCTAGCGTTAC	589
TGCAGGACCAGAGAATTCGAATA CATGTGGCATNNNCTAGCGTTAC	110	TGCAGGACCAGAGAATTCGAATA CATAGATTTGNNNCTAGCGTTAC	350	TGCAGGACCAGAGAATTCGAATA CAAGCTAACCNNNCTAGCGTTAC	590
TGCAGGACCAGAGAATTCGAATA CATCTACACCNNNCTAGCGTTAC	111	TGCAGGACCAGAGAATTCGAATA CACGGCAGAGNNNCTAGCGTTAC	351	TGCAGGACCAGAGAATTCGAATA CAACGGCGTCNNNCTAGCGTTAC	591
TGCAGGACCAGAGAATTCGAATA CATCATGCCTNNNCTAGCGTTAC	112	TGCAGGACCAGAGAATTCGAATA CACCTCGTGCNNNCTAGCGTTAC	352	TGCAGGACCAGAGAATTCGAATA CATAGTTCAANNNCTAGCGTTAC	592
TGCAGGACCAGAGAATTCGAATA CATCTAGCCTNNNCTAGCGTTAC	113	TGCAGGACCAGAGAATTCGAATA CACCCTTGATNNNCTAGCGTTAC	353	TGCAGGACCAGAGAATTCGAATA CAATGTAGCCNNNCTAGCGTTAC	593
TGCAGGACCAGAGAATTCGAATA CAATAAAGCANNNCTAGCGTTAC	114	TGCAGGACCAGAGAATTCGAATA CACGTCACGGNNNCTAGCGTTAC	354	TGCAGGACCAGAGAATTCGAATA CAAGAAGCACNNNCTAGCGTTAC	594
TGCAGGACCAGAGAATTCGAATA CATGCATAATNNNCTAGCGTTAC	115	TGCAGGACCAGAGAATTCGAATA CAGTTTGGCANNNCTAGCGTTAC	355	TGCAGGACCAGAGAATTCGAATA CAGAAGCGCGNNNCTAGCGTTAC	595
TGCAGGACCAGAGAATTCGAATA CACATGACGTNNNCTAGCGTTAC	116	TGCAGGACCAGAGAATTCGAATA CATGCTCTGTNNNCTAGCGTTAC	356	TGCAGGACCAGAGAATTCGAATA CACGGTATACNNNCTAGCGTTAC	596
TGCAGGACCAGAGAATTCGAATA CACTTATCATNNNCTAGCGTTAC	117	TGCAGGACCAGAGAATTCGAATA CATCAGTATANNNCTAGCGTTAC	357	TGCAGGACCAGAGAATTCGAATA CATAACATACNNNCTAGCGTTAC	597
TGCAGGACCAGAGAATTCGAATA CACGGCCTGANNNCTAGCGTTAC	118	TGCAGGACCAGAGAATTCGAATA CACCCAAGTANNNCTAGCGTTAC	358	TGCAGGACCAGAGAATTCGAATA CACTGCTATCNNNCTAGCGTTAC	598
TGCAGGACCAGAGAATTCGAATA CACGTCAATGNNNCTAGCGTTAC	119	TGCAGGACCAGAGAATTCGAATA CAAAGCTAAANNNCTAGCGTTAC	359	TGCAGGACCAGAGAATTCGAATA CACGGCAACCNNNCTAGCGTTAC	599
TGCAGGACCAGAGAATTCGAATA CACTTATACTNNNCTAGCGTTAC	120	TGCAGGACCAGAGAATTCGAATA CAAGATCCACNNNCTAGCGTTAC	360	TGCAGGACCAGAGAATTCGAATA CACAAAAACANNNCTAGCGTTAC	600
TGCAGGACCAGAGAATTCGAATA CAGGAGGTATNNNCTAGCGTTAC	121	TGCAGGACCAGAGAATTCGAATA CAGCATCGGCNNNCTAGCGTTAC	361	TGCAGGACCAGAGAATTCGAATA CACGTTAGCANNNCTAGCGTTAC	601
TGCAGGACCAGAGAATTCGAATA CAATTGTTCTNNNCTAGCGTTAC	122	TGCAGGACCAGAGAATTCGAATA CACTCTGGAANNNCTAGCGTTAC	362	TGCAGGACCAGAGAATTCGAATA CACCCTAATCNNNCTAGCGTTAC	602
TGCAGGACCAGAGAATTCGAATA CAAACTCCAGNNNCTAGCGTTAC	123	TGCAGGACCAGAGAATTCGAATA CAAGTCTGACNNNCTAGCGTTAC	363	TGCAGGACCAGAGAATTCGAATA CATGTGGCCGNNNCTAGCGTTAC	603
TGCAGGACCAGAGAATTCGAATA CACGAGGTCCNNNCTAGCGTTAC	124	TGCAGGACCAGAGAATTCGAATA CAGAGGCCGANNNCTAGCGTTAC	364	TGCAGGACCAGAGAATTCGAATA CATCTAGAGCNNNCTAGCGTTAC	604
TGCAGGACCAGAGAATTCGAATA CACGCGACCANNNCTAGCGTTAC	125	TGCAGGACCAGAGAATTCGAATA CATGGTGGAANNNCTAGCGTTAC	365	TGCAGGACCAGAGAATTCGAATA CATACGCATGNNNCTAGCGTTAC	605
TGCAGGACCAGAGAATTCGAATA CATGCCGCCTNNNCTAGCGTTAC	126	TGCAGGACCAGAGAATTCGAATA CACGGTGTTANNNCTAGCGTTAC	366	TGCAGGACCAGAGAATTCGAATA CATTGCCCCGNNNCTAGCGTTAC	606
TGCAGGACCAGAGAATTCGAATA CAGTTACGACNNNCTAGCGTTAC	127	TGCAGGACCAGAGAATTCGAATA CATCGCGCAGNNNCTAGCGTTAC	367	TGCAGGACCAGAGAATTCGAATA CATGGTTCCTNNNCTAGCGTTAC	607
TGCAGGACCAGAGAATTCGAATA CATTATCATCNNNCTAGCGTTAC	128	TGCAGGACCAGAGAATTCGAATA CAGCTGTGTANNNCTAGCGTTAC	368	TGCAGGACCAGAGAATTCGAATA CAAACGGTGANNNCTAGCGTTAC	608
TGCAGGACCAGAGAATTCGAATA CACCTTCTCTNNNGATCGACATG	129	TGCAGGACCAGAGAATTCGAATA CAACGTGCGCNNNGATCGACATG	369	TGCAGGACCAGAGAATTCGAATA CAGGCTATACNNNGATCGACATG	609
TGCAGGACCAGAGAATTCGAATA CAAACAGGTGNNNGATCGACATG	130	TGCAGGACCAGAGAATTCGAATA CAATCAGCCANNNGATCGACATG	370	TGCAGGACCAGAGAATTCGAATA CAATTGGTTANNNGATCGACATG	610
TGCAGGACCAGAGAATTCGAATA CAACTTGTCCNNNGATCGACATG	131	TGCAGGACCAGAGAATTCGAATA CAGATACTTANNNGATCGACATG	371	TGCAGGACCAGAGAATTCGAATA CACAGGATGANNNGATCGACATG	611
TGCAGGACCAGAGAATTCGAATA CATTGGTAATNNNGATCGACATG	132	TGCAGGACCAGAGAATTCGAATA CAATTTCGCCNNNGATCGACATG	372	TGCAGGACCAGAGAATTCGAATA CACGTTATCCNNNGATCGACATG	612
TGCAGGACCAGAGAATTCGAATA CAGGACTCGCNNNGATCGACATG	133	TGCAGGACCAGAGAATTCGAATA CACTTAAAGTNNNGATCGACATG	373	TGCAGGACCAGAGAATTCGAATA CAGTTCAATANNNGATCGACATG	613
TGCAGGACCAGAGAATTCGAATA CATGCGTCAANNNGATCGACATG	134	TGCAGGACCAGAGAATTCGAATA CATATGCCCTNNNGATCGACATG	374	TGCAGGACCAGAGAATTCGAATA CACAAAATCTNNNGATCGACATG	614
TGCAGGACCAGAGAATTCGAATA CACAGAATAANNNGATCGACATG	135	TGCAGGACCAGAGAATTCGAATA CAACTTGACGNNNGATCGACATG	375	TGCAGGACCAGAGAATTCGAATA CACTGCAAACNNNGATCGACATG	615
TGCAGGACCAGAGAATTCGAATA CATCCGAGGCNNNGATCGACATG	136	TGCAGGACCAGAGAATTCGAATA CAAGGAACCANNNGATCGACATG	376	TGCAGGACCAGAGAATTCGAATA CAGGTGCCCANNNGATCGACATG	616
TGCAGGACCAGAGAATTCGAATA CAATTTCTTGNNNGATCGACATG	137	TGCAGGACCAGAGAATTCGAATA CATGAGCGAANNNGATCGACATG	377	TGCAGGACCAGAGAATTCGAATA CACGATAACCNNNGATCGACATG	617
TGCAGGACCAGAGAATTCGAATA CAACTTGTAANNNGATCGACATG	138	TGCAGGACCAGAGAATTCGAATA CATGCTGTGANNNGATCGACATG	378	TGCAGGACCAGAGAATTCGAATA CATTATGACANNNGATCGACATG	618
TGCAGGACCAGAGAATTCGAATA CACACGGTGCNNNGATCGACATG	139	TGCAGGACCAGAGAATTCGAATA CAGGTTCGTANNNGATCGACATG	379	TGCAGGACCAGAGAATTCGAATA CAACCTTCACNNNGATCGACATG	619
TGCAGGACCAGAGAATTCGAATA CAAACTCGGTNNNGATCGACATG	140	TGCAGGACCAGAGAATTCGAATA CAACAAACAANNNGATCGACATG	380	TGCAGGACCAGAGAATTCGAATA CATCTTCTCCNNNGATCGACATG	620

FIG. 12E

Pool-1	SEQ ID NO:	Pool-2	SEQ ID NO:	Pool-3	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAGCCTATTCNNNGATCGACATG	141	TGCAGGACCAGAGAATTCGAATA CAAGCTAGAGNNNGATCGACATG	381	TGCAGGACCAGAGAATTCGAATA CACCCCAGCTNNNGATCGACATG	621
TGCAGGACCAGAGAATTCGAATA CACCGCTAAANNNGATCGACATG	142	TGCAGGACCAGAGAATTCGAATA CATTAAATATNNNGATCGACATG	382	TGCAGGACCAGAGAATTCGAATA CACTAGTGTGNNNGATCGACATG	622
TGCAGGACCAGAGAATTCGAATA CAGTGAGATGNNNGATCGACATG	143	TGCAGGACCAGAGAATTCGAATA CAAGGAGTCANNNGATCGACATG	383	TGCAGGACCAGAGAATTCGAATA CAGTTCTAAANNNGATCGACATG	623
TGCAGGACCAGAGAATTCGAATA CATCTCTCAGNNNGATCGACATG	144	TGCAGGACCAGAGAATTCGAATA CACGCACAGCNNNGATCGACATG	384	TGCAGGACCAGAGAATTCGAATA CAGCGTTTTCNNNGATCGACATG	624
TGCAGGACCAGAGAATTCGAATA CATCTCTAGCNNNGATCGACATG	145	TGCAGGACCAGAGAATTCGAATA CAGCGGACAGNNNGATCGACATG	385	TGCAGGACCAGAGAATTCGAATA CAGTCTGCCCNNNGATCGACATG	625
TGCAGGACCAGAGAATTCGAATA CACAAGCGCCNNNGATCGACATG	146	TGCAGGACCAGAGAATTCGAATA CACGCTCGTCNNNGATCGACATG	386	TGCAGGACCAGAGAATTCGAATA CAACAGAAATNNNGATCGACATG	626
TGCAGGACCAGAGAATTCGAATA CAGGCAGTAANNNGATCGACATG	147	TGCAGGACCAGAGAATTCGAATA CATCTGATGGNNNGATCGACATG	387	TGCAGGACCAGAGAATTCGAATA CATTGCTATTNNNGATCGACATG	627
TGCAGGACCAGAGAATTCGAATA CATTGGCTGANNNGATCGACATG	148	TGCAGGACCAGAGAATTCGAATA CAGGCTAGAANNNGATCGACATG	388	TGCAGGACCAGAGAATTCGAATA CACCCTGTGCNNNGATCGACATG	628
TGCAGGACCAGAGAATTCGAATA CAACAGCGAANNNGATCGACATG	149	TGCAGGACCAGAGAATTCGAATA CAATGAGGCANNNGATCGACATG	389	TGCAGGACCAGAGAATTCGAATA CAGCAGTCCGNNNGATCGACATG	629
TGCAGGACCAGAGAATTCGAATA CAAAGTTTCANNNGATCGACATG	150	TGCAGGACCAGAGAATTCGAATA CACACCCGTCNNNGATCGACATG	390	TGCAGGACCAGAGAATTCGAATA CAGTAACCCANNNGATCGACATG	630
TGCAGGACCAGAGAATTCGAATA CACGCTCTATNNNGATCGACATG	151	TGCAGGACCAGAGAATTCGAATA CATCATCGGANNNGATCGACATG	391	TGCAGGACCAGAGAATTCGAATA CAACATTGTANNNGATCGACATG	631
TGCAGGACCAGAGAATTCGAATA CATAGGAGTGNNNGATCGACATG	152	TGCAGGACCAGAGAATTCGAATA CAGGCAAGCGNNNGATCGACATG	392	TGCAGGACCAGAGAATTCGAATA CAAAACCGTCNNNGATCGACATG	632
TGCAGGACCAGAGAATTCGAATA CATCAGCACANNNGATCGACATG	153	TGCAGGACCAGAGAATTCGAATA CACAGTCGATNNNGATCGACATG	393	TGCAGGACCAGAGAATTCGAATA CAATTCTGCCNNNGATCGACATG	633
TGCAGGACCAGAGAATTCGAATA CACGAACTACNNNGATCGACATG	154	TGCAGGACCAGAGAATTCGAATA CATGCTACTCNNNGATCGACATG	394	TGCAGGACCAGAGAATTCGAATA CATCTAGGCANNNGATCGACATG	634
TGCAGGACCAGAGAATTCGAATA CATACTAAACNNNGATCGACATG	155	TGCAGGACCAGAGAATTCGAATA CATCCATACCNNNGATCGACATG	395	TGCAGGACCAGAGAATTCGAATA CAGGTCTACANNNGATCGACATG	635
TGCAGGACCAGAGAATTCGAATA CAGGTACAAGNNNGATCGACATG	156	TGCAGGACCAGAGAATTCGAATA CAACCGCGCANNNGATCGACATG	396	TGCAGGACCAGAGAATTCGAATA CAGGTGAGCGNNNGATCGACATG	636
TGCAGGACCAGAGAATTCGAATA CAACAGGCTTNNNGATCGACATG	157	TGCAGGACCAGAGAATTCGAATA CAGGCAAAGTNNNGATCGACATG	397	TGCAGGACCAGAGAATTCGAATA CATGTCTTTANNNGATCGACATG	637
TGCAGGACCAGAGAATTCGAATA CAGAAACCCTNNNGATCGACATG	158	TGCAGGACCAGAGAATTCGAATA CAGGATCCCGNNNGATCGACATG	398	TGCAGGACCAGAGAATTCGAATA CATGGCTTGANNNGATCGACATG	638
TGCAGGACCAGAGAATTCGAATA CATCCGCATTNNNGATCGACATG	159	TGCAGGACCAGAGAATTCGAATA CACCTCTCTTNNNGATCGACATG	399	TGCAGGACCAGAGAATTCGAATA CAATTACGCGNNNGATCGACATG	639
TGCAGGACCAGAGAATTCGAATA CACAATCTGGNNNGATCGACATG	160	TGCAGGACCAGAGAATTCGAATA CATCGTCGCCNNNGATCGACATG	400	TGCAGGACCAGAGAATTCGAATA CATGGCTCTTNNNGATCGACATG	640
TGCAGGACCAGAGAATTCGAATA CAACCTTACCNNNGATCGACATG	161	TGCAGGACCAGAGAATTCGAATA CACCTATGTCNNNGATCGACATG	401	TGCAGGACCAGAGAATTCGAATA CACACTCACTNNNGATCGACATG	641
TGCAGGACCAGAGAATTCGAATA CAGCGGTCTGNNNGATCGACATG	162	TGCAGGACCAGAGAATTCGAATA CAGGATGCTTNNNGATCGACATG	402	TGCAGGACCAGAGAATTCGAATA CACTGCAGGCNNNGATCGACATG	642
TGCAGGACCAGAGAATTCGAATA CAAATCACGCNNNGATCGACATG	163	TGCAGGACCAGAGAATTCGAATA CAATTGAGAANNNGATCGACATG	403	TGCAGGACCAGAGAATTCGAATA CACCCAATCTNNNGATCGACATG	643
TGCAGGACCAGAGAATTCGAATA CAAATAGTAGNNNGATCGACATG	164	TGCAGGACCAGAGAATTCGAATA CAGTGTTGTGNNNGATCGACATG	404	TGCAGGACCAGAGAATTCGAATA CAACGTAACCNNNGATCGACATG	644
TGCAGGACCAGAGAATTCGAATA CAGGCATCTANNNGATCGACATG	165	TGCAGGACCAGAGAATTCGAATA CAAAGCAATANNNGATCGACATG	405	TGCAGGACCAGAGAATTCGAATA CAACCGTCCCNNNGATCGACATG	645
TGCAGGACCAGAGAATTCGAATA CAAGCGCCTGNNNGATCGACATG	166	TGCAGGACCAGAGAATTCGAATA CATTAGCGCANNNGATCGACATG	406	TGCAGGACCAGAGAATTCGAATA CATTCGCGAANNNGATCGACATG	646
TGCAGGACCAGAGAATTCGAATA CAGACCCGGTNNNGATCGACATG	167	TGCAGGACCAGAGAATTCGAATA CAAACGGATGNNNGATCGACATG	407	TGCAGGACCAGAGAATTCGAATA CACGCACAATNNNGATCGACATG	647
TGCAGGACCAGAGAATTCGAATA CACGGTAAAGNNNGATCGACATG	168	TGCAGGACCAGAGAATTCGAATA CAGCATGGAANNNGATCGACATG	408	TGCAGGACCAGAGAATTCGAATA CACAATCTCCNNNGATCGACATG	648
TGCAGGACCAGAGAATTCGAATA CAAGGATGCANNNGATCGACATG	169	TGCAGGACCAGAGAATTCGAATA CATCTCATATNNNGATCGACATG	409	TGCAGGACCAGAGAATTCGAATA CATCAGAGTCNNNGATCGACATG	649
TGCAGGACCAGAGAATTCGAATA CATTCTGGAGNNNGATCGACATG	170	TGCAGGACCAGAGAATTCGAATA CACTGCGCCTNNNGATCGACATG	410	TGCAGGACCAGAGAATTCGAATA CAAATCGTGCNNNGATCGACATG	650
TGCAGGACCAGAGAATTCGAATA CAGCTCAAACNNNGATCGACATG	171	TGCAGGACCAGAGAATTCGAATA CAGATTCGCANNNGATCGACATG	411	TGCAGGACCAGAGAATTCGAATA CACTAGCATGNNNGATCGACATG	651
TGCAGGACCAGAGAATTCGAATA CATAAGTTACNNNGATCGACATG	172	TGCAGGACCAGAGAATTCGAATA CAATCTATCTNNNGATCGACATG	412	TGCAGGACCAGAGAATTCGAATA CAGATTAACTNNNGATCGACATG	652
TGCAGGACCAGAGAATTCGAATA CACAACCCTTNNNGATCGACATG	173	TGCAGGACCAGAGAATTCGAATA CAGTCACCCCNNNGATCGACATG	413	TGCAGGACCAGAGAATTCGAATA CAGGCTACGCNNNGATCGACATG	653

FIG. 12F

Pool-1	SEQ ID NO:	Pool-2	SEQ ID NO:	Pool-3	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACCTTCCGGNNNGATCGACATG	174	TGCAGGACCAGAGAATTCGAATA CACGTTGTGANNNGATCGACATG	414	TGCAGGACCAGAGAATTCGAATA CAATACGAGGNNNGATCGACATG	654
TGCAGGACCAGAGAATTCGAATA CAGTGAGAGTNNNGATCGACATG	175	TGCAGGACCAGAGAATTCGAATA CAGCTCTGCCNNNGATCGACATG	415	TGCAGGACCAGAGAATTCGAATA CAAAATGTCTNNNGATCGACATG	655
TGCAGGACCAGAGAATTCGAATA CAGCGTCCAGNNNGATCGACATG	176	TGCAGGACCAGAGAATTCGAATA CACATCGATGNNNGATCGACATG	416	TGCAGGACCAGAGAATTCGAATA CAGCGCATCGNNNGATCGACATG	656
TGCAGGACCAGAGAATTCGAATA CATTTATTCGNNNGATCGACATG	177	TGCAGGACCAGAGAATTCGAATA CAAGTCGCCGNNNGATCGACATG	417	TGCAGGACCAGAGAATTCGAATA CACTCCCGTGNNNGATCGACATG	657
TGCAGGACCAGAGAATTCGAATA CAGTAATAAGNNNGATCGACATG	178	TGCAGGACCAGAGAATTCGAATA CAGATAGCGANNNGATCGACATG	418	TGCAGGACCAGAGAATTCGAATA CAGATAAGGCNNNGATCGACATG	658
TGCAGGACCAGAGAATTCGAATA CATACAAGCCNNNGATCGACATG	179	TGCAGGACCAGAGAATTCGAATA CATCTTTGGCNNNGATCGACATG	419	TGCAGGACCAGAGAATTCGAATA CAGCACATCANNNGATCGACATG	659
TGCAGGACCAGAGAATTCGAATA CAAAGCCGAANNNGATCGACATG	180	TGCAGGACCAGAGAATTCGAATA CATCTCATCGNNNGATCGACATG	420	TGCAGGACCAGAGAATTCGAATA CATCCTATGCNNNGATCGACATG	660
TGCAGGACCAGAGAATTCGAATA CAATACTTTCNNNGATCGACATG	181	TGCAGGACCAGAGAATTCGAATA CATGAGCGCCNNNGATCGACATG	421	TGCAGGACCAGAGAATTCGAATA CACGCATCCCNNNGATCGACATG	661
TGCAGGACCAGAGAATTCGAATA CACTGGATCANNNGATCGACATG	182	TGCAGGACCAGAGAATTCGAATA CAAGTCTCGANNNGATCGACATG	422	TGCAGGACCAGAGAATTCGAATA CAACCGGTCGNNNGATCGACATG	662
TGCAGGACCAGAGAATTCGAATA CAAACGCCTANNNGATCGACATG	183	TGCAGGACCAGAGAATTCGAATA CAAAGGTATANNNGATCGACATG	423	TGCAGGACCAGAGAATTCGAATA CACACGATGTNNNGATCGACATG	663
TGCAGGACCAGAGAATTCGAATA CAGTCGAGAANNNGATCGACATG	184	TGCAGGACCAGAGAATTCGAATA CAGGTGTCGCNNNGATCGACATG	424	TGCAGGACCAGAGAATTCGAATA CAAACTCGCANNNGATCGACATG	664
TGCAGGACCAGAGAATTCGAATA CATAATTCTCNNNGATCGACATG	185	TGCAGGACCAGAGAATTCGAATA CATCACATCCNNNGATCGACATG	425	TGCAGGACCAGAGAATTCGAATA CACCCCTTCCNNNGATCGACATG	665
TGCAGGACCAGAGAATTCGAATA CATAACCCTCNNNGATCGACATG	186	TGCAGGACCAGAGAATTCGAATA CAGCATACACNNNGATCGACATG	426	TGCAGGACCAGAGAATTCGAATA CATCTTCGTGNNNGATCGACATG	666
TGCAGGACCAGAGAATTCGAATA CAGCGCTTGGNNNGATCGACATG	187	TGCAGGACCAGAGAATTCGAATA CATCCAACAGNNNGATCGACATG	427	TGCAGGACCAGAGAATTCGAATA CATATTTAAANNNGATCGACATG	667
TGCAGGACCAGAGAATTCGAATA CACGGACACCNNNGATCGACATG	188	TGCAGGACCAGAGAATTCGAATA CATCTGCCTANNNGATCGACATG	428	TGCAGGACCAGAGAATTCGAATA CATTAATGCANNNGATCGACATG	668
TGCAGGACCAGAGAATTCGAATA CATGGAAGTGNNNTGCATCAGGT	189	TGCAGGACCAGAGAATTCGAATA CACACACCGGNNNTGCATCAGGT	429	TGCAGGACCAGAGAATTCGAATA CACTTTGGTCNNNTGCATCAGGT	669
TGCAGGACCAGAGAATTCGAATA CAAAGTCTATNNNTGCATCAGGT	190	TGCAGGACCAGAGAATTCGAATA CAGACCTCCCNNNTGCATCAGGT	430	TGCAGGACCAGAGAATTCGAATA CATACGAAGGNNNTGCATCAGGT	670
TGCAGGACCAGAGAATTCGAATA CAATGAATAGNNNTGCATCAGGT	191	TGCAGGACCAGAGAATTCGAATA CATGGCAATCNNNTGCATCAGGT	431	TGCAGGACCAGAGAATTCGAATA CAAGTCACTGNNNTGCATCAGGT	671
TGCAGGACCAGAGAATTCGAATA CATTCTCCTCNNNTGCATCAGGT	192	TGCAGGACCAGAGAATTCGAATA CATCTCCGGCNNNTGCATCAGGT	432	TGCAGGACCAGAGAATTCGAATA CAGTTTATCTNNNTGCATCAGGT	672
TGCAGGACCAGAGAATTCGAATA CACCAGCCCTNNNTGCATCAGGT	193	TGCAGGACCAGAGAATTCGAATA CACCAGCGTGNNNTGCATCAGGT	433	TGCAGGACCAGAGAATTCGAATA CATTTCGAAANNNTGCATCAGGT	673
TGCAGGACCAGAGAATTCGAATA CAAACAAAACNNNTGCATCAGGT	194	TGCAGGACCAGAGAATTCGAATA CAAAATATAANNNTGCATCAGGT	434	TGCAGGACCAGAGAATTCGAATA CACAGATCACNNNTGCATCAGGT	674
TGCAGGACCAGAGAATTCGAATA CACGCTCACCNNNTGCATCAGGT	195	TGCAGGACCAGAGAATTCGAATA CAGCAATTTANNNTGCATCAGGT	435	TGCAGGACCAGAGAATTCGAATA CATTGGAAGGNNNTGCATCAGGT	675
TGCAGGACCAGAGAATTCGAATA CATGGTGATCNNNTGCATCAGGT	196	TGCAGGACCAGAGAATTCGAATA CAACTCAGTGNNNTGCATCAGGT	436	TGCAGGACCAGAGAATTCGAATA CAGTGCGGCTNNNTGCATCAGGT	676
TGCAGGACCAGAGAATTCGAATA CAGTTGCTAGNNNTGCATCAGGT	197	TGCAGGACCAGAGAATTCGAATA CAAGAGGCATNNNTGCATCAGGT	437	TGCAGGACCAGAGAATTCGAATA CATGAAGGCANNNTGCATCAGGT	677
TGCAGGACCAGAGAATTCGAATA CATCACCCTANNNTGCATCAGGT	198	TGCAGGACCAGAGAATTCGAATA CATAGGCTTGNNNTGCATCAGGT	438	TGCAGGACCAGAGAATTCGAATA CAAAAAGTACNNNTGCATCAGGT	678
TGCAGGACCAGAGAATTCGAATA CAGACTCTGANNNTGCATCAGGT	199	TGCAGGACCAGAGAATTCGAATA CACACACAGTNNNTGCATCAGGT	439	TGCAGGACCAGAGAATTCGAATA CAGATGGAACNNNTGCATCAGGT	679
TGCAGGACCAGAGAATTCGAATA CACGTATGACNNNTGCATCAGGT	200	TGCAGGACCAGAGAATTCGAATA CATGATAGAANNNTGCATCAGGT	440	TGCAGGACCAGAGAATTCGAATA CAGCCTCGAGNNNTGCATCAGGT	680
TGCAGGACCAGAGAATTCGAATA CATGCACCGGNNNTGCATCAGGT	201	TGCAGGACCAGAGAATTCGAATA CAGACAACGANNNTGCATCAGGT	441	TGCAGGACCAGAGAATTCGAATA CAAAATAAATNNNTGCATCAGGT	681
TGCAGGACCAGAGAATTCGAATA CAACTGATGCNNNTGCATCAGGT	202	TGCAGGACCAGAGAATTCGAATA CACTGCCTCGNNNTGCATCAGGT	442	TGCAGGACCAGAGAATTCGAATA CATTCCCCCCNNNTGCATCAGGT	682
TGCAGGACCAGAGAATTCGAATA CATACGTTCCNNNTGCATCAGGT	203	TGCAGGACCAGAGAATTCGAATA CAGTTTCCCANNNTGCATCAGGT	443	TGCAGGACCAGAGAATTCGAATA CATTCTTCTTNNNTGCATCAGGT	683
TGCAGGACCAGAGAATTCGAATA CACGGCCGCGNNNTGCATCAGGT	204	TGCAGGACCAGAGAATTCGAATA CATTCAATAGNNNTGCATCAGGT	444	TGCAGGACCAGAGAATTCGAATA CATTGTGGCANNNTGCATCAGGT	684
TGCAGGACCAGAGAATTCGAATA CAATCTTTGTNNNTGCATCAGGT	205	TGCAGGACCAGAGAATTCGAATA CATAGCCATGNNNTGCATCAGGT	445	TGCAGGACCAGAGAATTCGAATA CATCCCATGTNNNTGCATCAGGT	685
TGCAGGACCAGAGAATTCGAATA CATTGTACTTNNNTGCATCAGGT	206	TGCAGGACCAGAGAATTCGAATA CAGTTGTTAANNNTGCATCAGGT	446	TGCAGGACCAGAGAATTCGAATA CAGTGTTGACNNNTGCATCAGGT	686

FIG. 12G

Pool-1	SEQ ID NO:	Pool-2	SEQ ID NO:	Pool-3	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATGTTAATGNNNTGCATCAGGT	207	TGCAGGACCAGAGAATTCGAATA CACTTGCACTNNNTGCATCAGGT	447	TGCAGGACCAGAGAATTCGAATA CATCGCCTATNNNTGCATCAGGT	687
TGCAGGACCAGAGAATTCGAATA CAAACATTGTNNNTGCATCAGGT	208	TGCAGGACCAGAGAATTCGAATA CATTAGAGCCNNNTGCATCAGGT	448	TGCAGGACCAGAGAATTCGAATA CACGCTGACGNNNTGCATCAGGT	688
TGCAGGACCAGAGAATTCGAATA CACGCCCGAANNNTGCATCAGGT	209	TGCAGGACCAGAGAATTCGAATA CAGCCCCTACNNNTGCATCAGGT	449	TGCAGGACCAGAGAATTCGAATA CATGGTGGTTNNNTGCATCAGGT	689
TGCAGGACCAGAGAATTCGAATA CACAGCGCACNNNTGCATCAGGT	210	TGCAGGACCAGAGAATTCGAATA CAAATGGACGNNNTGCATCAGGT	450	TGCAGGACCAGAGAATTCGAATA CACTATCTTANNNTGCATCAGGT	690
TGCAGGACCAGAGAATTCGAATA CACGAGTATCNNNTGCATCAGGT	211	TGCAGGACCAGAGAATTCGAATA CAAGACCTGTNNNTGCATCAGGT	451	TGCAGGACCAGAGAATTCGAATA CAATAACCTANNNTGCATCAGGT	691
TGCAGGACCAGAGAATTCGAATA CAATGGTGGANNNTGCATCAGGT	212	TGCAGGACCAGAGAATTCGAATA CACTTACATTNNNTGCATCAGGT	452	TGCAGGACCAGAGAATTCGAATA CAAGAGTGTGNNNTGCATCAGGT	692
TGCAGGACCAGAGAATTCGAATA CATCACACTCNNNTGCATCAGGT	213	TGCAGGACCAGAGAATTCGAATA CATAAGAAACNNNTGCATCAGGT	453	TGCAGGACCAGAGAATTCGAATA CAAATGGCGANNNTGCATCAGGT	693
TGCAGGACCAGAGAATTCGAATA CAGAAACGACNNNTGCATCAGGT	214	TGCAGGACCAGAGAATTCGAATA CAGATTCTTTNNNTGCATCAGGT	454	TGCAGGACCAGAGAATTCGAATA CAGTCTCTTGNNNTGCATCAGGT	694
TGCAGGACCAGAGAATTCGAATA CAGAGTTTTANNNTGCATCAGGT	215	TGCAGGACCAGAGAATTCGAATA CATCTAGGTGNNNTGCATCAGGT	455	TGCAGGACCAGAGAATTCGAATA CATGCCCCCANNNTGCATCAGGT	695
TGCAGGACCAGAGAATTCGAATA CAGGCCTTTTNNNTGCATCAGGT	216	TGCAGGACCAGAGAATTCGAATA CAGTGTCTTCNNNTGCATCAGGT	456	TGCAGGACCAGAGAATTCGAATA CACGAGCTCGNNNTGCATCAGGT	696
TGCAGGACCAGAGAATTCGAATA CACAACTCTCNNNTGCATCAGGT	217	TGCAGGACCAGAGAATTCGAATA CATAAACTTGNNNTGCATCAGGT	457	TGCAGGACCAGAGAATTCGAATA CAACTGAACCNNNTGCATCAGGT	697
TGCAGGACCAGAGAATTCGAATA CATGTACTGGNNNTGCATCAGGT	218	TGCAGGACCAGAGAATTCGAATA CAGACATCCANNNTGCATCAGGT	458	TGCAGGACCAGAGAATTCGAATA CACTCGTATCNNNTGCATCAGGT	698
TGCAGGACCAGAGAATTCGAATA CATTTGGCTCNNNTGCATCAGGT	219	TGCAGGACCAGAGAATTCGAATA CATAAGTCCGNNNTGCATCAGGT	459	TGCAGGACCAGAGAATTCGAATA CACACTTCCANNNTGCATCAGGT	699
TGCAGGACCAGAGAATTCGAATA CAGAAGTATANNNTGCATCAGGT	220	TGCAGGACCAGAGAATTCGAATA CAAGGCGCGANNNTGCATCAGGT	460	TGCAGGACCAGAGAATTCGAATA CAGATCCTGANNNTGCATCAGGT	700
TGCAGGACCAGAGAATTCGAATA CAGAATCACCNNNTGCATCAGGT	221	TGCAGGACCAGAGAATTCGAATA CAGAGCTCTANNNTGCATCAGGT	461	TGCAGGACCAGAGAATTCGAATA CAAGAAGTATNNNTGCATCAGGT	701
TGCAGGACCAGAGAATTCGAATA CACTTACCGTNNNTGCATCAGGT	222	TGCAGGACCAGAGAATTCGAATA CATCATAATGNNNTGCATCAGGT	462	TGCAGGACCAGAGAATTCGAATA CAAACCCACANNNTGCATCAGGT	702
TGCAGGACCAGAGAATTCGAATA CATCTTTACANNNTGCATCAGGT	223	TGCAGGACCAGAGAATTCGAATA CAGGATGGTANNNTGCATCAGGT	463	TGCAGGACCAGAGAATTCGAATA CATGCCGAATNNNTGCATCAGGT	703
TGCAGGACCAGAGAATTCGAATA CACGAAGTGANNNTGCATCAGGT	224	TGCAGGACCAGAGAATTCGAATA CATAGCCTTCNNNTGCATCAGGT	464	TGCAGGACCAGAGAATTCGAATA CAATCAGAGGNNNTGCATCAGGT	704
TGCAGGACCAGAGAATTCGAATA CACTTGTGGANNNTGCATCAGGT	225	TGCAGGACCAGAGAATTCGAATA CAATCCCCGCNNNTGCATCAGGT	465	TGCAGGACCAGAGAATTCGAATA CAGTCATATANNNTGCATCAGGT	705
TGCAGGACCAGAGAATTCGAATA CAGTTCTCTGNNNTGCATCAGGT	226	TGCAGGACCAGAGAATTCGAATA CAGATTGCTGNNNTGCATCAGGT	466	TGCAGGACCAGAGAATTCGAATA CAACCCACCCNNNTGCATCAGGT	706
TGCAGGACCAGAGAATTCGAATA CACCTTCAACNNNTGCATCAGGT	227	TGCAGGACCAGAGAATTCGAATA CAGTGATGAGNNNTGCATCAGGT	467	TGCAGGACCAGAGAATTCGAATA CACCCACAGGNNNTGCATCAGGT	707
TGCAGGACCAGAGAATTCGAATA CAAAATGCTTNNNTGCATCAGGT	228	TGCAGGACCAGAGAATTCGAATA CACGGAACGGNNNTGCATCAGGT	468	TGCAGGACCAGAGAATTCGAATA CATGCTGAACNNNTGCATCAGGT	708
TGCAGGACCAGAGAATTCGAATA CAATCGCGATNNNTGCATCAGGT	229	TGCAGGACCAGAGAATTCGAATA CAGCTCTTTGNNNTGCATCAGGT	469	TGCAGGACCAGAGAATTCGAATA CAGCAGCATTNNNTGCATCAGGT	709
TGCAGGACCAGAGAATTCGAATA CAGGCTCGTGNNNTGCATCAGGT	230	TGCAGGACCAGAGAATTCGAATA CAGTAATCGCNNNTGCATCAGGT	470	TGCAGGACCAGAGAATTCGAATA CAGGCGATGGNNNTGCATCAGGT	710
TGCAGGACCAGAGAATTCGAATA CAGACCCTAANNNTGCATCAGGT	231	TGCAGGACCAGAGAATTCGAATA CACTTGTTATNNNTGCATCAGGT	471	TGCAGGACCAGAGAATTCGAATA CATTCGATGGNNNTGCATCAGGT	711
TGCAGGACCAGAGAATTCGAATA CACAAATTTGNNNTGCATCAGGT	232	TGCAGGACCAGAGAATTCGAATA CACACACACANNNTGCATCAGGT	472	TGCAGGACCAGAGAATTCGAATA CATGGAGGCGNNNTGCATCAGGT	712
TGCAGGACCAGAGAATTCGAATA CATTTTTTCCNNNTGCATCAGGT	233	TGCAGGACCAGAGAATTCGAATA CATAAATAAANNNTGCATCAGGT	473	TGCAGGACCAGAGAATTCGAATA CAGTATTACANNNTGCATCAGGT	713
TGCAGGACCAGAGAATTCGAATA CATTTAACGANNNTGCATCAGGT	234	TGCAGGACCAGAGAATTCGAATA CAAACGCATCNNNTGCATCAGGT	474	TGCAGGACCAGAGAATTCGAATA CACGACAATCNNNTGCATCAGGT	714
TGCAGGACCAGAGAATTCGAATA CAGTGGTCTANNNTGCATCAGGT	235	TGCAGGACCAGAGAATTCGAATA CACATATGATNNNTGCATCAGGT	475	TGCAGGACCAGAGAATTCGAATA CAGTGGCCACNNNTGCATCAGGT	715
TGCAGGACCAGAGAATTCGAATA CATTCTAATCNNNTGCATCAGGT	236	TGCAGGACCAGAGAATTCGAATA CAGCGTCATANNNTGCATCAGGT	476	TGCAGGACCAGAGAATTCGAATA CATACGCGCGNNNTGCATCAGGT	716
TGCAGGACCAGAGAATTCGAATA CAATTGATTGNNNTGCATCAGGT	237	TGCAGGACCAGAGAATTCGAATA CATAAGCCTGNNNTGCATCAGGT	477	TGCAGGACCAGAGAATTCGAATA CACGAAGACANNNTGCATCAGGT	717
TGCAGGACCAGAGAATTCGAATA CATGCATAGCNNNTGCATCAGGT	238	TGCAGGACCAGAGAATTCGAATA CATAGCAGAGNNNTGCATCAGGT	478	TGCAGGACCAGAGAATTCGAATA CACCAATGACNNNTGCATCAGGT	718
TGCAGGACCAGAGAATTCGAATA CAGACAGATGNNNTGCATCAGGT	239	TGCAGGACCAGAGAATTCGAATA CACTTGGAACNNNTGCATCAGGT	479	TGCAGGACCAGAGAATTCGAATA CAAGCCTTCTNNNTGCATCAGGT	719

FIG. 12H

Pool-1	SEQ ID NO:	Pool-2	SEQ ID NO:	Pool-3	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATGCTCTACNNNTGCATCAGGT	240	TGCAGGACCAGAGAATTCGAATA CAACCGAGAANNNTGCATCAGGT	480	TGCAGGACCAGAGAATTCGAATA CATATCACCCNNNTGCATCAGGT	720
TGCAGGACCAGAGAATTCGAATA CATGCGATACNNNTGCATCAGGT	241	TGCAGGACCAGAGAATTCGAATA CACTATCTATNNNTGCATCAGGT	481	TGCAGGACCAGAGAATTCGAATA CACCTTATGCNNNTGCATCAGGT	721
TGCAGGACCAGAGAATTCGAATA CAACACTGCANNNTGCATCAGGT	242	TGCAGGACCAGAGAATTCGAATA CACAATTTAGNNNTGCATCAGGT	482	TGCAGGACCAGAGAATTCGAATA CATTAATGACNNNTGCATCAGGT	722
TGCAGGACCAGAGAATTCGAATA CAGTCACTCTNNNTGCATCAGGT	243	TGCAGGACCAGAGAATTCGAATA CACTAAACGCNNNTGCATCAGGT	483	TGCAGGACCAGAGAATTCGAATA CACTACCTTGNNNTGCATCAGGT	723
TGCAGGACCAGAGAATTCGAATA CATTGTATTCNNNTGCATCAGGT	244	TGCAGGACCAGAGAATTCGAATA CATAGTAGAANNNTGCATCAGGT	484	TGCAGGACCAGAGAATTCGAATA CAAGGATCTCNNNTGCATCAGGT	724
TGCAGGACCAGAGAATTCGAATA CAAACCTAGCNNNTGCATCAGGT	245	TGCAGGACCAGAGAATTCGAATA CAGCAAAGTGNNNTGCATCAGGT	485	TGCAGGACCAGAGAATTCGAATA CAAAGATCAANNNTGCATCAGGT	725
TGCAGGACCAGAGAATTCGAATA CAGCCGGATCNNNTGCATCAGGT	246	TGCAGGACCAGAGAATTCGAATA CACAAGTTATNNNTGCATCAGGT	486	TGCAGGACCAGAGAATTCGAATA CAGAATGAGCNNNTGCATCAGGT	726
TGCAGGACCAGAGAATTCGAATA CAAGGATCCTNNNTGCATCAGGT	247	TGCAGGACCAGAGAATTCGAATA CACAACTGACNNNTGCATCAGGT	487	TGCAGGACCAGAGAATTCGAATA CAACTAGATTNNNTGCATCAGGT	727
TGCAGGACCAGAGAATTCGAATA CATACTGGACNNNTGCATCAGGT	248	TGCAGGACCAGAGAATTCGAATA CATTCGTCGTNNNTGCATCAGGT	488	TGCAGGACCAGAGAATTCGAATA CATTTTCCGGNNNTGCATCAGGT	728

FIG. 13A

Pool-4	SEQ ID NO:	Pool-5	SEQ ID NO:	Pool-6	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATATGCGCANNNACGTATGCCA	729	TGCAGGACCAGAGAATTCGAATA CAGCGATTACNNNACGTATGCCA	969	TGCAGGACCAGAGAATTCGAATA CACAATGACCNNNACGTATGCCA	1209
TGCAGGACCAGAGAATTCGAATA CAGTTCACCTNNNACGTATGCCA	730	TGCAGGACCAGAGAATTCGAATA CATAGTCCTCNNNACGTATGCCA	970	TGCAGGACCAGAGAATTCGAATA CAGCTACGTANNNACGTATGCCA	1210
TGCAGGACCAGAGAATTCGAATA CATCCTACACNNNACGTATGCCA	731	TGCAGGACCAGAGAATTCGAATA CAGTTATAACNNNACGTATGCCA	971	TGCAGGACCAGAGAATTCGAATA CAGCCAGCACNNNACGTATGCCA	1211
TGCAGGACCAGAGAATTCGAATA CACTACTCTGNNNACGTATGCCA	732	TGCAGGACCAGAGAATTCGAATA CATATCTTCANNNACGTATGCCA	972	TGCAGGACCAGAGAATTCGAATA CACGATCCGGNNNACGTATGCCA	1212
TGCAGGACCAGAGAATTCGAATA CACCTTCCCCNNNACGTATGCCA	733	TGCAGGACCAGAGAATTCGAATA CAACGTTCGANNNACGTATGCCA	973	TGCAGGACCAGAGAATTCGAATA CATTGGACCACNNNACGTATGCCA	1213
TGCAGGACCAGAGAATTCGAATA CAGAAGATCGNNNACGTATGCCA	734	TGCAGGACCAGAGAATTCGAATA CAACTCGTGANNNACGTATGCCA	974	TGCAGGACCAGAGAATTCGAATA CAACAATGCCNNNACGTATGCCA	1214
TGCAGGACCAGAGAATTCGAATA CACTCCGCTGNNNACGTATGCCA	735	TGCAGGACCAGAGAATTCGAATA CAGGACTACTNNNACGTATGCCA	975	TGCAGGACCAGAGAATTCGAATA CACCTTTATANNNACGTATGCCA	1215
TGCAGGACCAGAGAATTCGAATA CATATGTCCCNNNACGTATGCCA	736	TGCAGGACCAGAGAATTCGAATA CATCTGTACCNNNACGTATGCCA	976	TGCAGGACCAGAGAATTCGAATA CAGTGGCTGCNNNACGTATGCCA	1216
TGCAGGACCAGAGAATTCGAATA CATATTTGCTNNNACGTATGCCA	737	TGCAGGACCAGAGAATTCGAATA CACCCTAACTNNNACGTATGCCA	977	TGCAGGACCAGAGAATTCGAATA CAATCTCCGTNNNACGTATGCCA	1217
TGCAGGACCAGAGAATTCGAATA CAGTCCAGGCNNNACGTATGCCA	738	TGCAGGACCAGAGAATTCGAATA CATTGGAGAGNNNACGTATGCCA	978	TGCAGGACCAGAGAATTCGAATA CAATGGCCATNNNACGTATGCCA	1218
TGCAGGACCAGAGAATTCGAATA CAAAGATGGCNNNACGTATGCCA	739	TGCAGGACCAGAGAATTCGAATA CAGAATCAAANNNACGTATGCCA	979	TGCAGGACCAGAGAATTCGAATA CATTTGATAGNNNACGTATGCCA	1219
TGCAGGACCAGAGAATTCGAATA CAGTCCCGAGNNNACGTATGCCA	740	TGCAGGACCAGAGAATTCGAATA CAGTTTCGTCNNNACGTATGCCA	980	TGCAGGACCAGAGAATTCGAATA CAGTCCCGGANNNACGTATGCCA	1220
TGCAGGACCAGAGAATTCGAATA CAAGGTTTCGNNNACGTATGCCA	741	TGCAGGACCAGAGAATTCGAATA CACTACACAGNNNACGTATGCCA	981	TGCAGGACCAGAGAATTCGAATA CAGGCTTCAANNNACGTATGCCA	1221
TGCAGGACCAGAGAATTCGAATA CATGCAAAGGNNNACGTATGCCA	742	TGCAGGACCAGAGAATTCGAATA CAAGTCAGTCNNNACGTATGCCA	982	TGCAGGACCAGAGAATTCGAATA CACCTTTTTTNNNACGTATGCCA	1222
TGCAGGACCAGAGAATTCGAATA CAAGGTGTAGNNNACGTATGCCA	743	TGCAGGACCAGAGAATTCGAATA CACAACGAGANNNACGTATGCCA	983	TGCAGGACCAGAGAATTCGAATA CAACGCCCGANNNACGTATGCCA	1223
TGCAGGACCAGAGAATTCGAATA CACACGAGTTNNNACGTATGCCA	744	TGCAGGACCAGAGAATTCGAATA CATAGGCTCANNNACGTATGCCA	984	TGCAGGACCAGAGAATTCGAATA CACCCCTAGCNNNACGTATGCCA	1224
TGCAGGACCAGAGAATTCGAATA CACACCGCCTNNNACGTATGCCA	745	TGCAGGACCAGAGAATTCGAATA CAGGCCCATGNNNACGTATGCCA	985	TGCAGGACCAGAGAATTCGAATA CACGGAGGCANNNACGTATGCCA	1225
TGCAGGACCAGAGAATTCGAATA CAAAGCTACCNNNACGTATGCCA	746	TGCAGGACCAGAGAATTCGAATA CAGGCAGTCCNNNACGTATGCCA	986	TGCAGGACCAGAGAATTCGAATA CACTATGAATNNNACGTATGCCA	1226
TGCAGGACCAGAGAATTCGAATA CAGAACCGAANNNACGTATGCCA	747	TGCAGGACCAGAGAATTCGAATA CATCGATTGGNNNACGTATGCCA	987	TGCAGGACCAGAGAATTCGAATA CAGACCGCGTNNNACGTATGCCA	1227
TGCAGGACCAGAGAATTCGAATA CAAGTACTGCNNNACGTATGCCA	748	TGCAGGACCAGAGAATTCGAATA CATAGACAGGNNNACGTATGCCA	988	TGCAGGACCAGAGAATTCGAATA CATACTAGTANNNACGTATGCCA	1228
TGCAGGACCAGAGAATTCGAATA CAAACAATTCNNNACGTATGCCA	749	TGCAGGACCAGAGAATTCGAATA CAACTAAGTTNNNACGTATGCCA	989	TGCAGGACCAGAGAATTCGAATA CAACCAGTGTNNNACGTATGCCA	1229
TGCAGGACCAGAGAATTCGAATA CAGTATTAACNNNACGTATGCCA	750	TGCAGGACCAGAGAATTCGAATA CAATGTTCGGNNNACGTATGCCA	990	TGCAGGACCAGAGAATTCGAATA CAGATGCCTANNNACGTATGCCA	1230
TGCAGGACCAGAGAATTCGAATA CATGATTATGNNNACGTATGCCA	751	TGCAGGACCAGAGAATTCGAATA CAAGCCCAATNNNACGTATGCCA	991	TGCAGGACCAGAGAATTCGAATA CACCATATTTNNNACGTATGCCA	1231
TGCAGGACCAGAGAATTCGAATA CAGCAAACCTNNNACGTATGCCA	752	TGCAGGACCAGAGAATTCGAATA CAGTGAGTTCNNNACGTATGCCA	992	TGCAGGACCAGAGAATTCGAATA CAAAACCACCNNNACGTATGCCA	1232
TGCAGGACCAGAGAATTCGAATA CAGAATCTTANNNACGTATGCCA	753	TGCAGGACCAGAGAATTCGAATA CAGTGCTAACNNNACGTATGCCA	993	TGCAGGACCAGAGAATTCGAATA CAGCACGAAANNNACGTATGCCA	1233
TGCAGGACCAGAGAATTCGAATA CAGAGGACGCNNNACGTATGCCA	754	TGCAGGACCAGAGAATTCGAATA CAGCCACCGANNNACGTATGCCA	994	TGCAGGACCAGAGAATTCGAATA CAACGACAGANNNACGTATGCCA	1234
TGCAGGACCAGAGAATTCGAATA CAAGCCAAAGNNNACGTATGCCA	755	TGCAGGACCAGAGAATTCGAATA CAAGTCCGATNNNACGTATGCCA	995	TGCAGGACCAGAGAATTCGAATA CAATACCATANNNACGTATGCCA	1235
TGCAGGACCAGAGAATTCGAATA CAGGACGCTCNNNACGTATGCCA	756	TGCAGGACCAGAGAATTCGAATA CAGTTAAATCNNNACGTATGCCA	996	TGCAGGACCAGAGAATTCGAATA CACCAGTTCTNNNACGTATGCCA	1236
TGCAGGACCAGAGAATTCGAATA CAGCTGCCCTNNNACGTATGCCA	757	TGCAGGACCAGAGAATTCGAATA CAACTGACTGNNNACGTATGCCA	997	TGCAGGACCAGAGAATTCGAATA CATTGCTGGANNNACGTATGCCA	1237
TGCAGGACCAGAGAATTCGAATA CACCCTTTTCNNNACGTATGCCA	758	TGCAGGACCAGAGAATTCGAATA CACTTCATGCNNNACGTATGCCA	998	TGCAGGACCAGAGAATTCGAATA CAGCCCATTTNNNACGTATGCCA	1238
TGCAGGACCAGAGAATTCGAATA CATCGCAGATNNNACGTATGCCA	759	TGCAGGACCAGAGAATTCGAATA CAACCAGCATNNNACGTATGCCA	999	TGCAGGACCAGAGAATTCGAATA CAAACAGCTCNNNACGTATGCCA	1239
TGCAGGACCAGAGAATTCGAATA CAATCGCATGNNNACGTATGCCA	760	TGCAGGACCAGAGAATTCGAATA CAGGCGTCCANNNACGTATGCCA	1000	TGCAGGACCAGAGAATTCGAATA CACTGTTCTGNNNACGTATGCCA	1240

FIG. 13B

Pool-4	SEQ ID NO:	Pool-5	SEQ ID NO:	Pool-6	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAAGATGGCANNNACGTATGCCA	761	TGCAGGACCAGAGAATTCGAATA CAAACAACCCNNNACGTATGCCA	1001	TGCAGGACCAGAGAATTCGAATA CATGGAATAANNNACGTATGCCA	1241
TGCAGGACCAGAGAATTCGAATA CATCATCGCTNNNACGTATGCCA	762	TGCAGGACCAGAGAATTCGAATA CAGGTCTTAGNNNACGTATGCCA	1002	TGCAGGACCAGAGAATTCGAATA CATTCCCTTCNNNACGTATGCCA	1242
TGCAGGACCAGAGAATTCGAATA CACGTGTTCTNNNACGTATGCCA	763	TGCAGGACCAGAGAATTCGAATA CAGCCCGGATNNNACGTATGCCA	1003	TGCAGGACCAGAGAATTCGAATA CACACGCAATNNNACGTATGCCA	1243
TGCAGGACCAGAGAATTCGAATA CAGGTTATTANNNACGTATGCCA	764	TGCAGGACCAGAGAATTCGAATA CAATCCCGAANNNACGTATGCCA	1004	TGCAGGACCAGAGAATTCGAATA CAGCTTATCCNNNACGTATGCCA	1244
TGCAGGACCAGAGAATTCGAATA CAAGAGTTAANNNACGTATGCCA	765	TGCAGGACCAGAGAATTCGAATA CATTTACTCANNNACGTATGCCA	1005	TGCAGGACCAGAGAATTCGAATA CAGGCATAGANNNACGTATGCCA	1245
TGCAGGACCAGAGAATTCGAATA CATGAAATTCNNNACGTATGCCA	766	TGCAGGACCAGAGAATTCGAATA CATCCACCGCNNNACGTATGCCA	1006	TGCAGGACCAGAGAATTCGAATA CAAGCGCCGTNNNACGTATGCCA	1246
TGCAGGACCAGAGAATTCGAATA CACTTACCTGNNNACGTATGCCA	767	TGCAGGACCAGAGAATTCGAATA CACCAGATTGNNNACGTATGCCA	1007	TGCAGGACCAGAGAATTCGAATA CACAAATTCANNNACGTATGCCA	1247
TGCAGGACCAGAGAATTCGAATA CAAACTCGTGNNNACGTATGCCA	768	TGCAGGACCAGAGAATTCGAATA CACATGGTCANNNACGTATGCCA	1008	TGCAGGACCAGAGAATTCGAATA CATAATGCATNNNACGTATGCCA	1248
TGCAGGACCAGAGAATTCGAATA CAGGACACGGNNNACGTATGCCA	769	TGCAGGACCAGAGAATTCGAATA CACCATTTCGNNNACGTATGCCA	1009	TGCAGGACCAGAGAATTCGAATA CAACTCGTCTNNNACGTATGCCA	1249
TGCAGGACCAGAGAATTCGAATA CATCTCGCGCNNNACGTATGCCA	770	TGCAGGACCAGAGAATTCGAATA CATGTCGCGGNNNACGTATGCCA	1010	TGCAGGACCAGAGAATTCGAATA CAAATTTGTGNNNACGTATGCCA	1250
TGCAGGACCAGAGAATTCGAATA CACTTCCAGTNNNACGTATGCCA	771	TGCAGGACCAGAGAATTCGAATA CAAACAATAGNNNACGTATGCCA	1011	TGCAGGACCAGAGAATTCGAATA CATGAGAGGTNNNACGTATGCCA	1251
TGCAGGACCAGAGAATTCGAATA CAATAGTTACNNNACGTATGCCA	772	TGCAGGACCAGAGAATTCGAATA CATTCGACGANNNACGTATGCCA	1012	TGCAGGACCAGAGAATTCGAATA CAGCCATACANNNACGTATGCCA	1252
TGCAGGACCAGAGAATTCGAATA CACGACTTGANNNACGTATGCCA	773	TGCAGGACCAGAGAATTCGAATA CACCTTGAGANNNACGTATGCCA	1013	TGCAGGACCAGAGAATTCGAATA CAGTCCTTCANNNACGTATGCCA	1253
TGCAGGACCAGAGAATTCGAATA CATGCTTTATNNNACGTATGCCA	774	TGCAGGACCAGAGAATTCGAATA CAACGCTCTTNNNACGTATGCCA	1014	TGCAGGACCAGAGAATTCGAATA CAGTGCGGAGNNNACGTATGCCA	1254
TGCAGGACCAGAGAATTCGAATA CAGCCACTTTNNNACGTATGCCA	775	TGCAGGACCAGAGAATTCGAATA CACACGAAGANNNACGTATGCCA	1015	TGCAGGACCAGAGAATTCGAATA CATTTAGACANNNACGTATGCCA	1255
TGCAGGACCAGAGAATTCGAATA CATATCGGACNNNACGTATGCCA	776	TGCAGGACCAGAGAATTCGAATA CAGGCCACACNNNACGTATGCCA	1016	TGCAGGACCAGAGAATTCGAATA CACACCCGCTNNNACGTATGCCA	1256
TGCAGGACCAGAGAATTCGAATA CAATTCCATTNNNACGTATGCCA	777	TGCAGGACCAGAGAATTCGAATA CATCTGTGAGNNNACGTATGCCA	1017	TGCAGGACCAGAGAATTCGAATA CAATTCTAGANNNACGTATGCCA	1257
TGCAGGACCAGAGAATTCGAATA CAAATGCTGCNNNACGTATGCCA	778	TGCAGGACCAGAGAATTCGAATA CAAAAGCCAGNNNACGTATGCCA	1018	TGCAGGACCAGAGAATTCGAATA CACGGACGAGNNNACGTATGCCA	1258
TGCAGGACCAGAGAATTCGAATA CAACGCGATTNNNACGTATGCCA	779	TGCAGGACCAGAGAATTCGAATA CACCAGTTGANNNACGTATGCCA	1019	TGCAGGACCAGAGAATTCGAATA CACGACCGCANNNACGTATGCCA	1259
TGCAGGACCAGAGAATTCGAATA CATAGCTAGCNNNACGTATGCCA	780	TGCAGGACCAGAGAATTCGAATA CACTTGTAGGNNNACGTATGCCA	1020	TGCAGGACCAGAGAATTCGAATA CACATATAGTNNNACGTATGCCA	1260
TGCAGGACCAGAGAATTCGAATA CAGCAACGTTNNNACGTATGCCA	781	TGCAGGACCAGAGAATTCGAATA CAATATGCATNNNACGTATGCCA	1021	TGCAGGACCAGAGAATTCGAATA CATGTGATATNNNACGTATGCCA	1261
TGCAGGACCAGAGAATTCGAATA CACGTCCTATNNNACGTATGCCA	782	TGCAGGACCAGAGAATTCGAATA CACCAGGCGTNNNACGTATGCCA	1022	TGCAGGACCAGAGAATTCGAATA CAATCCTAAANNNACGTATGCCA	1262
TGCAGGACCAGAGAATTCGAATA CAGCCACACGNNNACGTATGCCA	783	TGCAGGACCAGAGAATTCGAATA CAATGTTTAGNNNACGTATGCCA	1023	TGCAGGACCAGAGAATTCGAATA CATGATGAGGNNNACGTATGCCA	1263
TGCAGGACCAGAGAATTCGAATA CAGGCTTCCCNNNACGTATGCCA	784	TGCAGGACCAGAGAATTCGAATA CACTGTCCGCNNNACGTATGCCA	1024	TGCAGGACCAGAGAATTCGAATA CAGCTCGACGNNNACGTATGCCA	1264
TGCAGGACCAGAGAATTCGAATA CAGTTGACACNNNACGTATGCCA	785	TGCAGGACCAGAGAATTCGAATA CATTTTACCANNNACGTATGCCA	1025	TGCAGGACCAGAGAATTCGAATA CATTAGCTAANNNACGTATGCCA	1265
TGCAGGACCAGAGAATTCGAATA CAGCATCTTCNNNACGTATGCCA	786	TGCAGGACCAGAGAATTCGAATA CATGCCCTGCNNNACGTATGCCA	1026	TGCAGGACCAGAGAATTCGAATA CATGCTTTTANNNACGTATGCCA	1266
TGCAGGACCAGAGAATTCGAATA CAACAATTGTNNNACGTATGCCA	787	TGCAGGACCAGAGAATTCGAATA CACCTTTGACNNNACGTATGCCA	1027	TGCAGGACCAGAGAATTCGAATA CAATCACAGCNNNACGTATGCCA	1267
TGCAGGACCAGAGAATTCGAATA CAGATCCCCCNNNACGTATGCCA	788	TGCAGGACCAGAGAATTCGAATA CAATTATTTTNNNACGTATGCCA	1028	TGCAGGACCAGAGAATTCGAATA CAAATCTCGGNNNACGTATGCCA	1268
TGCAGGACCAGAGAATTCGAATA CAGCCCAGTGNNNCTAGCGTTAC	789	TGCAGGACCAGAGAATTCGAATA CAGTGTGGAANNNCTAGCGTTAC	1029	TGCAGGACCAGAGAATTCGAATA CAACACTGGTNNNCTAGCGTTAC	1269
TGCAGGACCAGAGAATTCGAATA CAGCGGTGCTNNNCTAGCGTTAC	790	TGCAGGACCAGAGAATTCGAATA CAACTCGTAGNNNCTAGCGTTAC	1030	TGCAGGACCAGAGAATTCGAATA CATTTGTTTGNNNCTAGCGTTAC	1270
TGCAGGACCAGAGAATTCGAATA CATACGTGCANNNCTAGCGTTAC	791	TGCAGGACCAGAGAATTCGAATA CATCGCGTCCNNNCTAGCGTTAC	1031	TGCAGGACCAGAGAATTCGAATA CACGACACGCNNNCTAGCGTTAC	1271
TGCAGGACCAGAGAATTCGAATA CACACCCACCNNNCTAGCGTTAC	792	TGCAGGACCAGAGAATTCGAATA CAGCCTAATGNNNCTAGCGTTAC	1032	TGCAGGACCAGAGAATTCGAATA CACGCGAGAGNNNCTAGCGTTAC	1272

FIG. 13C

Pool-4	SEQ ID NO:	Pool-5	SEQ ID NO:	Pool-6	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACACAGAAGNNNCTAGCGTTAC	793	TGCAGGACCAGAGAATTCGAATA CAGCGTGTTANNNCTAGCGTTAC	1033	TGCAGGACCAGAGAATTCGAATA CATAAGTAGANNNCTAGCGTTAC	1273
TGCAGGACCAGAGAATTCGAATA CACGCTAACANNNCTAGCGTTAC	794	TGCAGGACCAGAGAATTCGAATA CACGAGAAACNNNCTAGCGTTAC	1034	TGCAGGACCAGAGAATTCGAATA CAAAGACGTGNNNCTAGCGTTAC	1274
TGCAGGACCAGAGAATTCGAATA CAGACCTATGNNNCTAGCGTTAC	795	TGCAGGACCAGAGAATTCGAATA CAATGCTCAGNNNCTAGCGTTAC	1035	TGCAGGACCAGAGAATTCGAATA CACGGAACAANNNCTAGCGTTAC	1275
TGCAGGACCAGAGAATTCGAATA CAAAAAGGAANNNCTAGCGTTAC	796	TGCAGGACCAGAGAATTCGAATA CAGTCAGCTANNNCTAGCGTTAC	1036	TGCAGGACCAGAGAATTCGAATA CACTGTCGAANNNCTAGCGTTAC	1276
TGCAGGACCAGAGAATTCGAATA CAACAGAGGTNNNCTAGCGTTAC	797	TGCAGGACCAGAGAATTCGAATA CAGGTAGCGGNNNCTAGCGTTAC	1037	TGCAGGACCAGAGAATTCGAATA CAAGCCTACANNNCTAGCGTTAC	1277
TGCAGGACCAGAGAATTCGAATA CACGTAGCATNNNCTAGCGTTAC	798	TGCAGGACCAGAGAATTCGAATA CACCTGGTCCNNNCTAGCGTTAC	1038	TGCAGGACCAGAGAATTCGAATA CACCAATTGGNNNCTAGCGTTAC	1278
TGCAGGACCAGAGAATTCGAATA CATCCCCAGCNNNCTAGCGTTAC	799	TGCAGGACCAGAGAATTCGAATA CACAGCACCGNNNCTAGCGTTAC	1039	TGCAGGACCAGAGAATTCGAATA CAGAGTCTACNNNCTAGCGTTAC	1279
TGCAGGACCAGAGAATTCGAATA CAGTACCTGANNNCTAGCGTTAC	800	TGCAGGACCAGAGAATTCGAATA CACATTGTGGNNNCTAGCGTTAC	1040	TGCAGGACCAGAGAATTCGAATA CAAATGTTACNNNCTAGCGTTAC	1280
TGCAGGACCAGAGAATTCGAATA CAAGAGAGGANNNCTAGCGTTAC	801	TGCAGGACCAGAGAATTCGAATA CAAGGAACTGNNNCTAGCGTTAC	1041	TGCAGGACCAGAGAATTCGAATA CAAGTGGCAANNNCTAGCGTTAC	1281
TGCAGGACCAGAGAATTCGAATA CAGTAACTCGNNNCTAGCGTTAC	802	TGCAGGACCAGAGAATTCGAATA CAGTTATTAGNNNCTAGCGTTAC	1042	TGCAGGACCAGAGAATTCGAATA CAGGTTAACCNNNCTAGCGTTAC	1282
TGCAGGACCAGAGAATTCGAATA CAGGTACATCNNNCTAGCGTTAC	803	TGCAGGACCAGAGAATTCGAATA CAAATCTTCTNNNCTAGCGTTAC	1043	TGCAGGACCAGAGAATTCGAATA CATTGTGGTGNNNCTAGCGTTAC	1283
TGCAGGACCAGAGAATTCGAATA CAGTTAACCGNNNCTAGCGTTAC	804	TGCAGGACCAGAGAATTCGAATA CAGACAATCCNNNCTAGCGTTAC	1044	TGCAGGACCAGAGAATTCGAATA CAAAATGGCGNNNCTAGCGTTAC	1284
TGCAGGACCAGAGAATTCGAATA CAAACGAGTGNNNCTAGCGTTAC	805	TGCAGGACCAGAGAATTCGAATA CAATCTAGATNNNCTAGCGTTAC	1045	TGCAGGACCAGAGAATTCGAATA CACTGTAGGTNNNCTAGCGTTAC	1285
TGCAGGACCAGAGAATTCGAATA CATCTCACTGNNNCTAGCGTTAC	806	TGCAGGACCAGAGAATTCGAATA CAGCGACGTCNNNCTAGCGTTAC	1046	TGCAGGACCAGAGAATTCGAATA CACTAAGCGTNNNCTAGCGTTAC	1286
TGCAGGACCAGAGAATTCGAATA CATACGAGCTNNNCTAGCGTTAC	807	TGCAGGACCAGAGAATTCGAATA CACACCCCGTNNNCTAGCGTTAC	1047	TGCAGGACCAGAGAATTCGAATA CAGTTTATGANNNCTAGCGTTAC	1287
TGCAGGACCAGAGAATTCGAATA CACAGATACCNNNCTAGCGTTAC	808	TGCAGGACCAGAGAATTCGAATA CACGCCTCGTNNNCTAGCGTTAC	1048	TGCAGGACCAGAGAATTCGAATA CAACGACTGTNNNCTAGCGTTAC	1288
TGCAGGACCAGAGAATTCGAATA CATACATTTCNNNCTAGCGTTAC	809	TGCAGGACCAGAGAATTCGAATA CACTGACACANNNCTAGCGTTAC	1049	TGCAGGACCAGAGAATTCGAATA CACCTAGTAGNNNCTAGCGTTAC	1289
TGCAGGACCAGAGAATTCGAATA CAGTGTAAGGNNNCTAGCGTTAC	810	TGCAGGACCAGAGAATTCGAATA CATGCTTTGCNNNCTAGCGTTAC	1050	TGCAGGACCAGAGAATTCGAATA CAGGTTCTGANNNCTAGCGTTAC	1290
TGCAGGACCAGAGAATTCGAATA CAGGTTGAAGNNNCTAGCGTTAC	811	TGCAGGACCAGAGAATTCGAATA CAACTGTCTCNNNCTAGCGTTAC	1051	TGCAGGACCAGAGAATTCGAATA CATACATCCCNNNCTAGCGTTAC	1291
TGCAGGACCAGAGAATTCGAATA CACGTCCCTGNNNCTAGCGTTAC	812	TGCAGGACCAGAGAATTCGAATA CATATTGTCTNNNCTAGCGTTAC	1052	TGCAGGACCAGAGAATTCGAATA CACTCGGAATNNNCTAGCGTTAC	1292
TGCAGGACCAGAGAATTCGAATA CAAATCCCTCNNNCTAGCGTTAC	813	TGCAGGACCAGAGAATTCGAATA CAATTTGACANNNCTAGCGTTAC	1053	TGCAGGACCAGAGAATTCGAATA CATCAGTTGGNNNCTAGCGTTAC	1293
TGCAGGACCAGAGAATTCGAATA CATGCCCCACNNNCTAGCGTTAC	814	TGCAGGACCAGAGAATTCGAATA CACGCACACGNNNCTAGCGTTAC	1054	TGCAGGACCAGAGAATTCGAATA CAAGTGCCTANNNCTAGCGTTAC	1294
TGCAGGACCAGAGAATTCGAATA CAGTATTATGNNNCTAGCGTTAC	815	TGCAGGACCAGAGAATTCGAATA CACCGCGAACNNNCTAGCGTTAC	1055	TGCAGGACCAGAGAATTCGAATA CAGTATGTATNNNCTAGCGTTAC	1295
TGCAGGACCAGAGAATTCGAATA CATTGATTGANNNCTAGCGTTAC	816	TGCAGGACCAGAGAATTCGAATA CATTAGGCGTNNNCTAGCGTTAC	1056	TGCAGGACCAGAGAATTCGAATA CAGCAGCAGGNNNCTAGCGTTAC	1296
TGCAGGACCAGAGAATTCGAATA CATGCGACGCNNNCTAGCGTTAC	817	TGCAGGACCAGAGAATTCGAATA CATCGGAGCCNNNCTAGCGTTAC	1057	TGCAGGACCAGAGAATTCGAATA CAGCAGGTCCNNNCTAGCGTTAC	1297
TGCAGGACCAGAGAATTCGAATA CAGTGGTTCANNNCTAGCGTTAC	818	TGCAGGACCAGAGAATTCGAATA CAGTCTACAGNNNCTAGCGTTAC	1058	TGCAGGACCAGAGAATTCGAATA CATGTAGGCTNNNCTAGCGTTAC	1298
TGCAGGACCAGAGAATTCGAATA CAGCCGGCTANNNCTAGCGTTAC	819	TGCAGGACCAGAGAATTCGAATA CACCGCGTCTNNNCTAGCGTTAC	1059	TGCAGGACCAGAGAATTCGAATA CATAACGACCNNNCTAGCGTTAC	1299
TGCAGGACCAGAGAATTCGAATA CACCTTGCGCNNNCTAGCGTTAC	820	TGCAGGACCAGAGAATTCGAATA CATTAAACTGNNNCTAGCGTTAC	1060	TGCAGGACCAGAGAATTCGAATA CACGATCGGCNNNCTAGCGTTAC	1300
TGCAGGACCAGAGAATTCGAATA CAGGTAAGTGNNNCTAGCGTTAC	821	TGCAGGACCAGAGAATTCGAATA CAATAAGAACNNNCTAGCGTTAC	1061	TGCAGGACCAGAGAATTCGAATA CAGGCCAAGGNNNCTAGCGTTAC	1301
TGCAGGACCAGAGAATTCGAATA CAGTGTCCAANNNCTAGCGTTAC	822	TGCAGGACCAGAGAATTCGAATA CAATCATGCGNNNCTAGCGTTAC	1062	TGCAGGACCAGAGAATTCGAATA CAGACATAAANNNCTAGCGTTAC	1302
TGCAGGACCAGAGAATTCGAATA CATGCACTGANNNCTAGCGTTAC	823	TGCAGGACCAGAGAATTCGAATA CACCAACTAGNNNCTAGCGTTAC	1063	TGCAGGACCAGAGAATTCGAATA CACGCACATANNNCTAGCGTTAC	1303
TGCAGGACCAGAGAATTCGAATA CAGAAACTTTNNNCTAGCGTTAC	824	TGCAGGACCAGAGAATTCGAATA CACTCGAGTANNNCTAGCGTTAC	1064	TGCAGGACCAGAGAATTCGAATA CAGCCTAGGCNNNCTAGCGTTAC	1304

FIG. 13D

Pool-4	SEQ ID NO:	Pool-5	SEQ ID NO:	Pool-6	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATGTGTAGCNNNCTAGCGTTAC	825	TGCAGGACCAGAGAATTCGAATA CACTTTGCCANNNCTAGCGTTAC	1065	TGCAGGACCAGAGAATTCGAATA CATCCGCAAANNNCTAGCGTTAC	1305
TGCAGGACCAGAGAATTCGAATA CATCTACCTGNNNCTAGCGTTAC	826	TGCAGGACCAGAGAATTCGAATA CAAATTCTGANNNCTAGCGTTAC	1066	TGCAGGACCAGAGAATTCGAATA CACTTATAGANNNCTAGCGTTAC	1306
TGCAGGACCAGAGAATTCGAATA CATCTCTTAANNNCTAGCGTTAC	827	TGCAGGACCAGAGAATTCGAATA CAGATCGCATNNNCTAGCGTTAC	1067	TGCAGGACCAGAGAATTCGAATA CACGGCGGAANNNCTAGCGTTAC	1307
TGCAGGACCAGAGAATTCGAATA CAATCGAATTNNNCTAGCGTTAC	828	TGCAGGACCAGAGAATTCGAATA CATGTGTTGGNNNCTAGCGTTAC	1068	TGCAGGACCAGAGAATTCGAATA CAGTAGCACTNNNCTAGCGTTAC	1308
TGCAGGACCAGAGAATTCGAATA CATTTTTGGTNNNCTAGCGTTAC	829	TGCAGGACCAGAGAATTCGAATA CAGTAACATTNNNCTAGCGTTAC	1069	TGCAGGACCAGAGAATTCGAATA CAGCTGTCAANNNCTAGCGTTAC	1309
TGCAGGACCAGAGAATTCGAATA CATCAGTCCTNNNCTAGCGTTAC	830	TGCAGGACCAGAGAATTCGAATA CAACGCATCANNNCTAGCGTTAC	1070	TGCAGGACCAGAGAATTCGAATA CAGTGCCAGCNNNCTAGCGTTAC	1310
TGCAGGACCAGAGAATTCGAATA CAGTGCACATNNNCTAGCGTTAC	831	TGCAGGACCAGAGAATTCGAATA CATAGGAAGCNNNCTAGCGTTAC	1071	TGCAGGACCAGAGAATTCGAATA CATTCATATCNNNCTAGCGTTAC	1311
TGCAGGACCAGAGAATTCGAATA CAGTAGAAGCNNNCTAGCGTTAC	832	TGCAGGACCAGAGAATTCGAATA CAGCAATGTCNNNCTAGCGTTAC	1072	TGCAGGACCAGAGAATTCGAATA CACCCATGCCNNNCTAGCGTTAC	1312
TGCAGGACCAGAGAATTCGAATA CACAGCATTGNNNCTAGCGTTAC	833	TGCAGGACCAGAGAATTCGAATA CAGCCGGCATNNNCTAGCGTTAC	1073	TGCAGGACCAGAGAATTCGAATA CATTAGTTGANNNCTAGCGTTAC	1313
TGCAGGACCAGAGAATTCGAATA CACGCCTAGGNNNCTAGCGTTAC	834	TGCAGGACCAGAGAATTCGAATA CACTGAGCGCNNNCTAGCGTTAC	1074	TGCAGGACCAGAGAATTCGAATA CAATCAGAAANNNCTAGCGTTAC	1314
TGCAGGACCAGAGAATTCGAATA CACAGTTTGGNNNCTAGCGTTAC	835	TGCAGGACCAGAGAATTCGAATA CACTGCTGCCNNNCTAGCGTTAC	1075	TGCAGGACCAGAGAATTCGAATA CATTAGAACTNNNCTAGCGTTAC	1315
TGCAGGACCAGAGAATTCGAATA CATCCCAAGANNNCTAGCGTTAC	836	TGCAGGACCAGAGAATTCGAATA CAGTGGCGGANNNCTAGCGTTAC	1076	TGCAGGACCAGAGAATTCGAATA CAGTGCTATGNNNCTAGCGTTAC	1316
TGCAGGACCAGAGAATTCGAATA CATTAGGACCNNNCTAGCGTTAC	837	TGCAGGACCAGAGAATTCGAATA CAAGGCTACTNNNCTAGCGTTAC	1077	TGCAGGACCAGAGAATTCGAATA CATTGGATCGNNNCTAGCGTTAC	1317
TGCAGGACCAGAGAATTCGAATA CAACAATTTGNNNCTAGCGTTAC	838	TGCAGGACCAGAGAATTCGAATA CAACTTTGTTNNNCTAGCGTTAC	1078	TGCAGGACCAGAGAATTCGAATA CACAAGAATANNNCTAGCGTTAC	1318
TGCAGGACCAGAGAATTCGAATA CATGCTCGAANNNCTAGCGTTAC	839	TGCAGGACCAGAGAATTCGAATA CAGCCATATGNNNCTAGCGTTAC	1079	TGCAGGACCAGAGAATTCGAATA CAAGCACCATNNNCTAGCGTTAC	1319
TGCAGGACCAGAGAATTCGAATA CAGGCGGTAGNNNCTAGCGTTAC	840	TGCAGGACCAGAGAATTCGAATA CAAGCCTGGCNNNCTAGCGTTAC	1080	TGCAGGACCAGAGAATTCGAATA CAACTAGACCNNNCTAGCGTTAC	1320
TGCAGGACCAGAGAATTCGAATA CAAATTAACCNNNCTAGCGTTAC	841	TGCAGGACCAGAGAATTCGAATA CAACGTGTGTNNNCTAGCGTTAC	1081	TGCAGGACCAGAGAATTCGAATA CAATCATTAGNNNCTAGCGTTAC	1321
TGCAGGACCAGAGAATTCGAATA CACGACACCGNNNCTAGCGTTAC	842	TGCAGGACCAGAGAATTCGAATA CATTTTCATGNNNCTAGCGTTAC	1082	TGCAGGACCAGAGAATTCGAATA CAAGAACCTCNNNCTAGCGTTAC	1322
TGCAGGACCAGAGAATTCGAATA CAGTGAGGATNNNCTAGCGTTAC	843	TGCAGGACCAGAGAATTCGAATA CAGCTGCGACNNNCTAGCGTTAC	1083	TGCAGGACCAGAGAATTCGAATA CAGATTTTCTNNNCTAGCGTTAC	1323
TGCAGGACCAGAGAATTCGAATA CAAAATTAAANNNCTAGCGTTAC	844	TGCAGGACCAGAGAATTCGAATA CACAAAATAGNNNCTAGCGTTAC	1084	TGCAGGACCAGAGAATTCGAATA CAAGTACGGANNNCTAGCGTTAC	1324
TGCAGGACCAGAGAATTCGAATA CACATGCCAANNNCTAGCGTTAC	845	TGCAGGACCAGAGAATTCGAATA CACTAAACTANNNCTAGCGTTAC	1085	TGCAGGACCAGAGAATTCGAATA CACGCCTAAANNNCTAGCGTTAC	1325
TGCAGGACCAGAGAATTCGAATA CACCATCAGANNNCTAGCGTTAC	846	TGCAGGACCAGAGAATTCGAATA CAAAATGATGNNNCTAGCGTTAC	1086	TGCAGGACCAGAGAATTCGAATA CAAGTTGGTCNNNCTAGCGTTAC	1326
TGCAGGACCAGAGAATTCGAATA CAATATAAAANNNCTAGCGTTAC	847	TGCAGGACCAGAGAATTCGAATA CACTTGCTTGNNNCTAGCGTTAC	1087	TGCAGGACCAGAGAATTCGAATA CATGCGCACGNNNCTAGCGTTAC	1327
TGCAGGACCAGAGAATTCGAATA CAGCCTCCGTNNNCTAGCGTTAC	848	TGCAGGACCAGAGAATTCGAATA CAGATAGGCANNNCTAGCGTTAC	1088	TGCAGGACCAGAGAATTCGAATA CATTGGTACGNNNCTAGCGTTAC	1328
TGCAGGACCAGAGAATTCGAATA CATCCAATCCNNNGATCGACATG	849	TGCAGGACCAGAGAATTCGAATA CACAGATTATNNNGATCGACATG	1089	TGCAGGACCAGAGAATTCGAATA CAATGAGATANNNGATCGACATG	1329
TGCAGGACCAGAGAATTCGAATA CAAAATGCCCNNNGATCGACATG	850	TGCAGGACCAGAGAATTCGAATA CAGTTACGGTNNNGATCGACATG	1090	TGCAGGACCAGAGAATTCGAATA CAATCGGTACNNNGATCGACATG	1330
TGCAGGACCAGAGAATTCGAATA CAACTGTCGANNNGATCGACATG	851	TGCAGGACCAGAGAATTCGAATA CAACAGTTGCNNNGATCGACATG	1091	TGCAGGACCAGAGAATTCGAATA CATGTCGTTCNNNGATCGACATG	1331
TGCAGGACCAGAGAATTCGAATA CAGCTGTTGANNNGATCGACATG	852	TGCAGGACCAGAGAATTCGAATA CAAACTGCACNNNGATCGACATG	1092	TGCAGGACCAGAGAATTCGAATA CATGTGTATANNNGATCGACATG	1332
TGCAGGACCAGAGAATTCGAATA CAGGTAACCTNNNGATCGACATG	853	TGCAGGACCAGAGAATTCGAATA CAAGAATATGNNNGATCGACATG	1093	TGCAGGACCAGAGAATTCGAATA CAGTGGATCTNNNGATCGACATG	1333
TGCAGGACCAGAGAATTCGAATA CACTTTTCCCNNNGATCGACATG	854	TGCAGGACCAGAGAATTCGAATA CATCGTCCTANNNGATCGACATG	1094	TGCAGGACCAGAGAATTCGAATA CATCTTCAATNNNGATCGACATG	1334
TGCAGGACCAGAGAATTCGAATA CAGAGAGCCGNNNGATCGACATG	855	TGCAGGACCAGAGAATTCGAATA CACAGAATCCNNNGATCGACATG	1095	TGCAGGACCAGAGAATTCGAATA CACGCGTGTGNNNGATCGACATG	1335
TGCAGGACCAGAGAATTCGAATA CACAGACAGANNNGATCGACATG	856	TGCAGGACCAGAGAATTCGAATA CACTTGACAGNNNGATCGACATG	1096	TGCAGGACCAGAGAATTCGAATA CACTCCTCGGNNNGATCGACATG	1336

FIG. 13E

Pool-4	SEQ ID NO:	Pool-5	SEQ ID NO:	Pool-6	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATATATGACNNNGATCGACATG	857	TGCAGGACCAGAGAATTCGAATA CACTGGTAGTNNNGATCGACATG	1097	TGCAGGACCAGAGAATTCGAATA CAGACTAATTNNNGATCGACATG	1337
TGCAGGACCAGAGAATTCGAATA CAGTCCGACGNNNGATCGACATG	858	TGCAGGACCAGAGAATTCGAATA CACGGATCTANNNGATCGACATG	1098	TGCAGGACCAGAGAATTCGAATA CACAATAAGANNNGATCGACATG	1338
TGCAGGACCAGAGAATTCGAATA CAACTGCATGNNNGATCGACATG	859	TGCAGGACCAGAGAATTCGAATA CAAAAAAGAGNNNGATCGACATG	1099	TGCAGGACCAGAGAATTCGAATA CATTTACCGCNNNGATCGACATG	1339
TGCAGGACCAGAGAATTCGAATA CATACCTAAANNNGATCGACATG	860	TGCAGGACCAGAGAATTCGAATA CAGGAGACATNNNGATCGACATG	1100	TGCAGGACCAGAGAATTCGAATA CAGTGTATTANNNGATCGACATG	1340
TGCAGGACCAGAGAATTCGAATA CAACCAGATCNNNGATCGACATG	861	TGCAGGACCAGAGAATTCGAATA CATCCGGAGCNNNGATCGACATG	1101	TGCAGGACCAGAGAATTCGAATA CAAGATGTAANNNGATCGACATG	1341
TGCAGGACCAGAGAATTCGAATA CAGGCAAATGNNNGATCGACATG	862	TGCAGGACCAGAGAATTCGAATA CATGTTATTCNNNGATCGACATG	1102	TGCAGGACCAGAGAATTCGAATA CATTATTCGTNNNGATCGACATG	1342
TGCAGGACCAGAGAATTCGAATA CAGAACGTCTNNNGATCGACATG	863	TGCAGGACCAGAGAATTCGAATA CAGCGAGACGNNNGATCGACATG	1103	TGCAGGACCAGAGAATTCGAATA CAAGTCACACNNNGATCGACATG	1343
TGCAGGACCAGAGAATTCGAATA CACCACCAAANNNGATCGACATG	864	TGCAGGACCAGAGAATTCGAATA CATTATCGAANNNGATCGACATG	1104	TGCAGGACCAGAGAATTCGAATA CACTGACAACNNNGATCGACATG	1344
TGCAGGACCAGAGAATTCGAATA CATTTTCCAANNNGATCGACATG	865	TGCAGGACCAGAGAATTCGAATA CAGTGCCAATNNNGATCGACATG	1105	TGCAGGACCAGAGAATTCGAATA CAACGCCGGTNNNGATCGACATG	1345
TGCAGGACCAGAGAATTCGAATA CAGTTAGTTANNNGATCGACATG	866	TGCAGGACCAGAGAATTCGAATA CAGCTAAAAANNNGATCGACATG	1106	TGCAGGACCAGAGAATTCGAATA CAGGTGACCCNNNGATCGACATG	1346
TGCAGGACCAGAGAATTCGAATA CATCAGCTCTNNNGATCGACATG	867	TGCAGGACCAGAGAATTCGAATA CAATCCAATANNNGATCGACATG	1107	TGCAGGACCAGAGAATTCGAATA CACCTTAGCTNNNGATCGACATG	1347
TGCAGGACCAGAGAATTCGAATA CATGCGGAGGNNNGATCGACATG	868	TGCAGGACCAGAGAATTCGAATA CATTCAAGGCNNNGATCGACATG	1108	TGCAGGACCAGAGAATTCGAATA CACTCGCTATNNNGATCGACATG	1348
TGCAGGACCAGAGAATTCGAATA CATCTGCAAGNNNGATCGACATG	869	TGCAGGACCAGAGAATTCGAATA CATTATTAAANNNGATCGACATG	1109	TGCAGGACCAGAGAATTCGAATA CAAGCCTAGTNNNGATCGACATG	1349
TGCAGGACCAGAGAATTCGAATA CATCTAACCCNNNGATCGACATG	870	TGCAGGACCAGAGAATTCGAATA CAAACTCTAANNNGATCGACATG	1110	TGCAGGACCAGAGAATTCGAATA CAGAGAGTTGNNNGATCGACATG	1350
TGCAGGACCAGAGAATTCGAATA CACGTAGGAANNNGATCGACATG	871	TGCAGGACCAGAGAATTCGAATA CAGACTCCAANNNGATCGACATG	1111	TGCAGGACCAGAGAATTCGAATA CATAAGAGGCNNNGATCGACATG	1351
TGCAGGACCAGAGAATTCGAATA CACAAGACTCNNNGATCGACATG	872	TGCAGGACCAGAGAATTCGAATA CACAGCCTCCNNNGATCGACATG	1112	TGCAGGACCAGAGAATTCGAATA CAGTTAATACNNNGATCGACATG	1352
TGCAGGACCAGAGAATTCGAATA CATTCCGTGTNNNGATCGACATG	873	TGCAGGACCAGAGAATTCGAATA CAGAGTCACTNNNGATCGACATG	1113	TGCAGGACCAGAGAATTCGAATA CAGGTCCGCANNNGATCGACATG	1353
TGCAGGACCAGAGAATTCGAATA CAGTGAACGANNNGATCGACATG	874	TGCAGGACCAGAGAATTCGAATA CAAGAACTGGNNNGATCGACATG	1114	TGCAGGACCAGAGAATTCGAATA CATAAGCATTNNNGATCGACATG	1354
TGCAGGACCAGAGAATTCGAATA CAGCTAAACCNNNGATCGACATG	875	TGCAGGACCAGAGAATTCGAATA CAGCGTATTGNNNGATCGACATG	1115	TGCAGGACCAGAGAATTCGAATA CAGTACGCATNNNGATCGACATG	1355
TGCAGGACCAGAGAATTCGAATA CACAATTTTCNNNGATCGACATG	876	TGCAGGACCAGAGAATTCGAATA CACTTAAATGNNNGATCGACATG	1116	TGCAGGACCAGAGAATTCGAATA CAAACGAACGNNNGATCGACATG	1356
TGCAGGACCAGAGAATTCGAATA CATGAGGAACNNNGATCGACATG	877	TGCAGGACCAGAGAATTCGAATA CATTAGCCTCNNNGATCGACATG	1117	TGCAGGACCAGAGAATTCGAATA CAGTAGGTTCNNNGATCGACATG	1357
TGCAGGACCAGAGAATTCGAATA CAGTAATCTANNNGATCGACATG	878	TGCAGGACCAGAGAATTCGAATA CAACCAGAGANNNGATCGACATG	1118	TGCAGGACCAGAGAATTCGAATA CACTTTTTTCNNNGATCGACATG	1358
TGCAGGACCAGAGAATTCGAATA CATATCTCCGNNNGATCGACATG	879	TGCAGGACCAGAGAATTCGAATA CATCAGCCAANNNGATCGACATG	1119	TGCAGGACCAGAGAATTCGAATA CAATGACCCANNNGATCGACATG	1359
TGCAGGACCAGAGAATTCGAATA CAGCTACGGCNNNGATCGACATG	880	TGCAGGACCAGAGAATTCGAATA CACCGAATACNNNGATCGACATG	1120	TGCAGGACCAGAGAATTCGAATA CAATCAGTTANNNGATCGACATG	1360
TGCAGGACCAGAGAATTCGAATA CAATATCTGANNNGATCGACATG	881	TGCAGGACCAGAGAATTCGAATA CAGCGGCAAGNNNGATCGACATG	1121	TGCAGGACCAGAGAATTCGAATA CATAGTAAAGNNNGATCGACATG	1361
TGCAGGACCAGAGAATTCGAATA CATACTTAGANNNGATCGACATG	882	TGCAGGACCAGAGAATTCGAATA CATAAATCGTNNNGATCGACATG	1122	TGCAGGACCAGAGAATTCGAATA CACCCGATGGNNNGATCGACATG	1362
TGCAGGACCAGAGAATTCGAATA CATCATTTTGNNNGATCGACATG	883	TGCAGGACCAGAGAATTCGAATA CAAAGCTTCGNNNGATCGACATG	1123	TGCAGGACCAGAGAATTCGAATA CACACAGCATNNNGATCGACATG	1363
TGCAGGACCAGAGAATTCGAATA CAGCGTGGAGNNNGATCGACATG	884	TGCAGGACCAGAGAATTCGAATA CAATGCATATNNNGATCGACATG	1124	TGCAGGACCAGAGAATTCGAATA CACAGGTACTNNNGATCGACATG	1364
TGCAGGACCAGAGAATTCGAATA CATAAGACGGNNNGATCGACATG	885	TGCAGGACCAGAGAATTCGAATA CATCTCTCCTNNNGATCGACATG	1125	TGCAGGACCAGAGAATTCGAATA CACATAACCGNNNGATCGACATG	1365
TGCAGGACCAGAGAATTCGAATA CAAGGCCTTANNNGATCGACATG	886	TGCAGGACCAGAGAATTCGAATA CATAGTGGTCNNNGATCGACATG	1126	TGCAGGACCAGAGAATTCGAATA CAGTACTGGTNNNGATCGACATG	1366
TGCAGGACCAGAGAATTCGAATA CACATCTCACNNNGATCGACATG	887	TGCAGGACCAGAGAATTCGAATA CAGAAACCTCNNNGATCGACATG	1127	TGCAGGACCAGAGAATTCGAATA CAGCAAGTCTNNNGATCGACATG	1367
TGCAGGACCAGAGAATTCGAATA CATGCGATCANNNGATCGACATG	888	TGCAGGACCAGAGAATTCGAATA CATGACTATANNNGATCGACATG	1128	TGCAGGACCAGAGAATTCGAATA CACGTGCTCCNNNGATCGACATG	1368

FIG. 13F

Pool-4	SEQ ID NO:	Pool-5	SEQ ID NO:	Pool-6	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACGGAGGACNNNGATCGACATG	889	TGCAGGACCAGAGAATTCGAATA CACATGACTGNNNGATCGACATG	1129	TGCAGGACCAGAGAATTCGAATA CACACTACCTNNNGATCGACATG	1369
TGCAGGACCAGAGAATTCGAATA CAACTAATTGNNNGATCGACATG	890	TGCAGGACCAGAGAATTCGAATA CACCAAAGTCNNNGATCGACATG	1130	TGCAGGACCAGAGAATTCGAATA CAGTGTATATNNNGATCGACATG	1370
TGCAGGACCAGAGAATTCGAATA CATGCCTAGANNNGATCGACATG	891	TGCAGGACCAGAGAATTCGAATA CACGCATTTCNNNGATCGACATG	1131	TGCAGGACCAGAGAATTCGAATA CAATGACGCTNNNGATCGACATG	1371
TGCAGGACCAGAGAATTCGAATA CACTATCCGTNNNGATCGACATG	892	TGCAGGACCAGAGAATTCGAATA CAACCCGGTGNNNGATCGACATG	1132	TGCAGGACCAGAGAATTCGAATA CAAGGCACTTNNNGATCGACATG	1372
TGCAGGACCAGAGAATTCGAATA CATGCCAGGCNNNGATCGACATG	893	TGCAGGACCAGAGAATTCGAATA CACTTGCGTTNNNGATCGACATG	1133	TGCAGGACCAGAGAATTCGAATA CAGGCAGGCANNNGATCGACATG	1373
TGCAGGACCAGAGAATTCGAATA CAGCGGAGCANNNGATCGACATG	894	TGCAGGACCAGAGAATTCGAATA CATTATGCAANNNGATCGACATG	1134	TGCAGGACCAGAGAATTCGAATA CACTATGTTTNNNGATCGACATG	1374
TGCAGGACCAGAGAATTCGAATA CAAGACCCATNNNGATCGACATG	895	TGCAGGACCAGAGAATTCGAATA CATATTTGAGNNNGATCGACATG	1135	TGCAGGACCAGAGAATTCGAATA CATAAATATTNNNGATCGACATG	1375
TGCAGGACCAGAGAATTCGAATA CATTGACCTCNNNGATCGACATG	896	TGCAGGACCAGAGAATTCGAATA CATGTTCGCTNNNGATCGACATG	1136	TGCAGGACCAGAGAATTCGAATA CAGACACCATNNNGATCGACATG	1376
TGCAGGACCAGAGAATTCGAATA CACTTGCTCANNNGATCGACATG	897	TGCAGGACCAGAGAATTCGAATA CATAGCATCGNNNGATCGACATG	1137	TGCAGGACCAGAGAATTCGAATA CATAGATACTNNNGATCGACATG	1377
TGCAGGACCAGAGAATTCGAATA CAATGCTGCANNNGATCGACATG	898	TGCAGGACCAGAGAATTCGAATA CATTCAGAGCNNNGATCGACATG	1138	TGCAGGACCAGAGAATTCGAATA CATACCCTGTNNNGATCGACATG	1378
TGCAGGACCAGAGAATTCGAATA CAAACGGACANNNGATCGACATG	899	TGCAGGACCAGAGAATTCGAATA CAAACGCAGANNNGATCGACATG	1139	TGCAGGACCAGAGAATTCGAATA CAGTCGCCGANNNGATCGACATG	1379
TGCAGGACCAGAGAATTCGAATA CAGCGATCATNNNGATCGACATG	900	TGCAGGACCAGAGAATTCGAATA CATATGGCGTNNNGATCGACATG	1140	TGCAGGACCAGAGAATTCGAATA CACCTCTTAGNNNGATCGACATG	1380
TGCAGGACCAGAGAATTCGAATA CATGAGACAGNNNGATCGACATG	901	TGCAGGACCAGAGAATTCGAATA CAAGCCTATGNNNGATCGACATG	1141	TGCAGGACCAGAGAATTCGAATA CATAAGATTCNNNGATCGACATG	1381
TGCAGGACCAGAGAATTCGAATA CAGCCACTGGNNNGATCGACATG	902	TGCAGGACCAGAGAATTCGAATA CACACTCTACNNNGATCGACATG	1142	TGCAGGACCAGAGAATTCGAATA CACGCGTACGNNNGATCGACATG	1382
TGCAGGACCAGAGAATTCGAATA CAGGTTTGACNNNGATCGACATG	903	TGCAGGACCAGAGAATTCGAATA CAAAACTGAANNNGATCGACATG	1143	TGCAGGACCAGAGAATTCGAATA CACTGACCAANNNGATCGACATG	1383
TGCAGGACCAGAGAATTCGAATA CAAACTTGGCNNNGATCGACATG	904	TGCAGGACCAGAGAATTCGAATA CACTTCCGCGNNNGATCGACATG	1144	TGCAGGACCAGAGAATTCGAATA CAAAGACCGANNNGATCGACATG	1384
TGCAGGACCAGAGAATTCGAATA CAACCTAATANNNGATCGACATG	905	TGCAGGACCAGAGAATTCGAATA CAACGTCGGCNNNGATCGACATG	1145	TGCAGGACCAGAGAATTCGAATA CAAATGATTCNNNGATCGACATG	1385
TGCAGGACCAGAGAATTCGAATA CAGCACAGAANNNGATCGACATG	906	TGCAGGACCAGAGAATTCGAATA CAGTACCCAANNNGATCGACATG	1146	TGCAGGACCAGAGAATTCGAATA CACCCCCCAANNNGATCGACATG	1386
TGCAGGACCAGAGAATTCGAATA CATGTGTCAGNNNGATCGACATG	907	TGCAGGACCAGAGAATTCGAATA CAACCGCATANNNGATCGACATG	1147	TGCAGGACCAGAGAATTCGAATA CAGCCTGAATNNNGATCGACATG	1387
TGCAGGACCAGAGAATTCGAATA CAAGTAACAANNNGATCGACATG	908	TGCAGGACCAGAGAATTCGAATA CAAACCAGCTNNNGATCGACATG	1148	TGCAGGACCAGAGAATTCGAATA CATCGGTAGTNNNGATCGACATG	1388
TGCAGGACCAGAGAATTCGAATA CATCTGAGCANNNTGCATCAGGT	909	TGCAGGACCAGAGAATTCGAATA CAGAGCGAGCNNNTGCATCAGGT	1149	TGCAGGACCAGAGAATTCGAATA CATGGCTCGGNNNTGCATCAGGT	1389
TGCAGGACCAGAGAATTCGAATA CAAGTGGAACNNNTGCATCAGGT	910	TGCAGGACCAGAGAATTCGAATA CATTTTATTANNNTGCATCAGGT	1150	TGCAGGACCAGAGAATTCGAATA CACAATCCTCNNNTGCATCAGGT	1390
TGCAGGACCAGAGAATTCGAATA CAGAACTCGTNNNTGCATCAGGT	911	TGCAGGACCAGAGAATTCGAATA CAGCTAGGTTNNNTGCATCAGGT	1151	TGCAGGACCAGAGAATTCGAATA CATAGAGACGNNNTGCATCAGGT	1391
TGCAGGACCAGAGAATTCGAATA CAGCAGGCGANNNTGCATCAGGT	912	TGCAGGACCAGAGAATTCGAATA CATTTGACTTNNNTGCATCAGGT	1152	TGCAGGACCAGAGAATTCGAATA CAGCGGATGGNNNTGCATCAGGT	1392
TGCAGGACCAGAGAATTCGAATA CAGGCTCTCCNNNTGCATCAGGT	913	TGCAGGACCAGAGAATTCGAATA CACAAACATTNNNTGCATCAGGT	1153	TGCAGGACCAGAGAATTCGAATA CACTCACCATNNNTGCATCAGGT	1393
TGCAGGACCAGAGAATTCGAATA CAAATACATCNNNTGCATCAGGT	914	TGCAGGACCAGAGAATTCGAATA CATTGCAATANNNTGCATCAGGT	1154	TGCAGGACCAGAGAATTCGAATA CAATGGTAAANNNTGCATCAGGT	1394
TGCAGGACCAGAGAATTCGAATA CAAGGTCAAGNNNTGCATCAGGT	915	TGCAGGACCAGAGAATTCGAATA CAACAAGGCANNNTGCATCAGGT	1155	TGCAGGACCAGAGAATTCGAATA CATATCAACANNNTGCATCAGGT	1395
TGCAGGACCAGAGAATTCGAATA CATGAGCCGCNNNTGCATCAGGT	916	TGCAGGACCAGAGAATTCGAATA CAGGTGCTGCNNNTGCATCAGGT	1156	TGCAGGACCAGAGAATTCGAATA CAAAAGTCAANNNTGCATCAGGT	1396
TGCAGGACCAGAGAATTCGAATA CATTAGTTTCNNNTGCATCAGGT	917	TGCAGGACCAGAGAATTCGAATA CAAGGTCGTTNNNTGCATCAGGT	1157	TGCAGGACCAGAGAATTCGAATA CACAAAGGCANNNTGCATCAGGT	1397
TGCAGGACCAGAGAATTCGAATA CAGTCGTAGTNNNTGCATCAGGT	918	TGCAGGACCAGAGAATTCGAATA CACAACGGAANNNTGCATCAGGT	1158	TGCAGGACCAGAGAATTCGAATA CACGATGACTNNNTGCATCAGGT	1398
TGCAGGACCAGAGAATTCGAATA CAAAAGGATTNNNTGCATCAGGT	919	TGCAGGACCAGAGAATTCGAATA CAGATCCAACNNNTGCATCAGGT	1159	TGCAGGACCAGAGAATTCGAATA CACGATTGTGNNNTGCATCAGGT	1399
TGCAGGACCAGAGAATTCGAATA CATTTTTAGCNNNTGCATCAGGT	920	TGCAGGACCAGAGAATTCGAATA CAGGAAGACTNNNTGCATCAGGT	1160	TGCAGGACCAGAGAATTCGAATA CATTATCTTGNNNTGCATCAGGT	1400

FIG. 13G

Pool-4	SEQ ID NO:	Pool-5	SEQ ID NO:	Pool-6	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAATAACTCANNNTGCATCAGGT	921	TGCAGGACCAGAGAATTCGAATA CAGGTAAATANNNTGCATCAGGT	1161	TGCAGGACCAGAGAATTCGAATA CAGTATTGATNNNTGCATCAGGT	1401
TGCAGGACCAGAGAATTCGAATA CATTTTAACCNNNTGCATCAGGT	922	TGCAGGACCAGAGAATTCGAATA CAGGTAGAACNNNTGCATCAGGT	1162	TGCAGGACCAGAGAATTCGAATA CAAGGAGGTTNNNTGCATCAGGT	1402
TGCAGGACCAGAGAATTCGAATA CAGTGCCGACNNNTGCATCAGGT	923	TGCAGGACCAGAGAATTCGAATA CAATATGAGANNNTGCATCAGGT	1163	TGCAGGACCAGAGAATTCGAATA CAACTGCCCCNNNTGCATCAGGT	1403
TGCAGGACCAGAGAATTCGAATA CAGAATAGATNNNTGCATCAGGT	924	TGCAGGACCAGAGAATTCGAATA CATGGAAATANNNTGCATCAGGT	1164	TGCAGGACCAGAGAATTCGAATA CAAAATCTCANNNTGCATCAGGT	1404
TGCAGGACCAGAGAATTCGAATA CAGCTGAGCCNNNTGCATCAGGT	925	TGCAGGACCAGAGAATTCGAATA CATAACCAATNNNTGCATCAGGT	1165	TGCAGGACCAGAGAATTCGAATA CACCATGTGANNNTGCATCAGGT	1405
TGCAGGACCAGAGAATTCGAATA CAACAGGCAANNNTGCATCAGGT	926	TGCAGGACCAGAGAATTCGAATA CAGTCTGATGNNNTGCATCAGGT	1166	TGCAGGACCAGAGAATTCGAATA CACCCCTTTTNNNTGCATCAGGT	1406
TGCAGGACCAGAGAATTCGAATA CAGACCGCACNNNTGCATCAGGT	927	TGCAGGACCAGAGAATTCGAATA CATTTATGAGNNNTGCATCAGGT	1167	TGCAGGACCAGAGAATTCGAATA CAGCTAGCGCNNNTGCATCAGGT	1407
TGCAGGACCAGAGAATTCGAATA CACTTATTCANNNTGCATCAGGT	928	TGCAGGACCAGAGAATTCGAATA CAATGATTTGNNNTGCATCAGGT	1168	TGCAGGACCAGAGAATTCGAATA CAAACACCGTNNNTGCATCAGGT	1408
TGCAGGACCAGAGAATTCGAATA CAGTGTGCTANNNTGCATCAGGT	929	TGCAGGACCAGAGAATTCGAATA CACTCATCGTNNNTGCATCAGGT	1169	TGCAGGACCAGAGAATTCGAATA CACTGAGATCNNNTGCATCAGGT	1409
TGCAGGACCAGAGAATTCGAATA CAATTTAGTGNNNTGCATCAGGT	930	TGCAGGACCAGAGAATTCGAATA CACTCCATACNNNTGCATCAGGT	1170	TGCAGGACCAGAGAATTCGAATA CAAATGCGTCNNNTGCATCAGGT	1410
TGCAGGACCAGAGAATTCGAATA CATCGGAGAANNNTGCATCAGGT	931	TGCAGGACCAGAGAATTCGAATA CAGCTAGCATNNNTGCATCAGGT	1171	TGCAGGACCAGAGAATTCGAATA CAATTGCCAGNNNTGCATCAGGT	1411
TGCAGGACCAGAGAATTCGAATA CACGCCGAACNNNTGCATCAGGT	932	TGCAGGACCAGAGAATTCGAATA CAAATCATCANNNTGCATCAGGT	1172	TGCAGGACCAGAGAATTCGAATA CATTAATTCCNNNTGCATCAGGT	1412
TGCAGGACCAGAGAATTCGAATA CAGCTTCGCCNNNTGCATCAGGT	933	TGCAGGACCAGAGAATTCGAATA CACGTCTCATNNNTGCATCAGGT	1173	TGCAGGACCAGAGAATTCGAATA CAAGCATATTNNNTGCATCAGGT	1413
TGCAGGACCAGAGAATTCGAATA CAACAATCATNNNTGCATCAGGT	934	TGCAGGACCAGAGAATTCGAATA CAACTCGTTCNNNTGCATCAGGT	1174	TGCAGGACCAGAGAATTCGAATA CACCCATTACNNNTGCATCAGGT	1414
TGCAGGACCAGAGAATTCGAATA CATGATCGCANNNTGCATCAGGT	935	TGCAGGACCAGAGAATTCGAATA CAAGTTCTGGNNNTGCATCAGGT	1175	TGCAGGACCAGAGAATTCGAATA CACTCGTTTGNNNTGCATCAGGT	1415
TGCAGGACCAGAGAATTCGAATA CACACAGTACNNNTGCATCAGGT	936	TGCAGGACCAGAGAATTCGAATA CAACTAGTATNNNTGCATCAGGT	1176	TGCAGGACCAGAGAATTCGAATA CAGGTATCGTNNNTGCATCAGGT	1416
TGCAGGACCAGAGAATTCGAATA CAGTCAAGTCNNNTGCATCAGGT	937	TGCAGGACCAGAGAATTCGAATA CAATTGCGCANNNTGCATCAGGT	1177	TGCAGGACCAGAGAATTCGAATA CAGTACCCTTNNNTGCATCAGGT	1417
TGCAGGACCAGAGAATTCGAATA CAGCTCCCACNNNTGCATCAGGT	938	TGCAGGACCAGAGAATTCGAATA CACGAGCGCTNNNTGCATCAGGT	1178	TGCAGGACCAGAGAATTCGAATA CACAACTTTTNNNTGCATCAGGT	1418
TGCAGGACCAGAGAATTCGAATA CATTACTTGTNNNTGCATCAGGT	939	TGCAGGACCAGAGAATTCGAATA CAACGACCATNNNTGCATCAGGT	1179	TGCAGGACCAGAGAATTCGAATA CAGAACTTGCNNNTGCATCAGGT	1419
TGCAGGACCAGAGAATTCGAATA CATAATGTGTNNNTGCATCAGGT	940	TGCAGGACCAGAGAATTCGAATA CATAAGTGAANNNTGCATCAGGT	1180	TGCAGGACCAGAGAATTCGAATA CATATTATGGNNNTGCATCAGGT	1420
TGCAGGACCAGAGAATTCGAATA CATACCATTTNNNTGCATCAGGT	941	TGCAGGACCAGAGAATTCGAATA CATCTCGCCGNNNTGCATCAGGT	1181	TGCAGGACCAGAGAATTCGAATA CAGCCCGCGGNNNTGCATCAGGT	1421
TGCAGGACCAGAGAATTCGAATA CAGTCCGTAANNNTGCATCAGGT	942	TGCAGGACCAGAGAATTCGAATA CAAATACTGTNNNTGCATCAGGT	1182	TGCAGGACCAGAGAATTCGAATA CAGCAAAAGCNNNTGCATCAGGT	1422
TGCAGGACCAGAGAATTCGAATA CAAGCGGTAANNNTGCATCAGGT	943	TGCAGGACCAGAGAATTCGAATA CATATGTTCTNNNTGCATCAGGT	1183	TGCAGGACCAGAGAATTCGAATA CAGATACGCTNNNTGCATCAGGT	1423
TGCAGGACCAGAGAATTCGAATA CAGGAAACTGNNNTGCATCAGGT	944	TGCAGGACCAGAGAATTCGAATA CACCAGCGGTNNNTGCATCAGGT	1184	TGCAGGACCAGAGAATTCGAATA CACAGTATCGNNNTGCATCAGGT	1424
TGCAGGACCAGAGAATTCGAATA CAGGCCACGTNNNTGCATCAGGT	945	TGCAGGACCAGAGAATTCGAATA CACGGTTGATNNNTGCATCAGGT	1185	TGCAGGACCAGAGAATTCGAATA CACTCACTGTNNNTGCATCAGGT	1425
TGCAGGACCAGAGAATTCGAATA CATCATTGAANNNTGCATCAGGT	946	TGCAGGACCAGAGAATTCGAATA CACGCTGCAGNNNTGCATCAGGT	1186	TGCAGGACCAGAGAATTCGAATA CACCGTCAGGNNNTGCATCAGGT	1426
TGCAGGACCAGAGAATTCGAATA CAGCGTCAATNNNTGCATCAGGT	947	TGCAGGACCAGAGAATTCGAATA CAGTCTAAATNNNTGCATCAGGT	1187	TGCAGGACCAGAGAATTCGAATA CAGCTTCTGTNNNTGCATCAGGT	1427
TGCAGGACCAGAGAATTCGAATA CACGGAAGCGNNNTGCATCAGGT	948	TGCAGGACCAGAGAATTCGAATA CAGTAATTACNNNTGCATCAGGT	1188	TGCAGGACCAGAGAATTCGAATA CATTATATTTNNNTGCATCAGGT	1428
TGCAGGACCAGAGAATTCGAATA CAGTTCGAACNNNTGCATCAGGT	949	TGCAGGACCAGAGAATTCGAATA CATTCCGGTTNNNTGCATCAGGT	1189	TGCAGGACCAGAGAATTCGAATA CAGGTTTACGNNNTGCATCAGGT	1429
TGCAGGACCAGAGAATTCGAATA CAGGCCCCTTNNNTGCATCAGGT	950	TGCAGGACCAGAGAATTCGAATA CAGAGCGTGGNNNTGCATCAGGT	1190	TGCAGGACCAGAGAATTCGAATA CAGGACGATANNNTGCATCAGGT	1430
TGCAGGACCAGAGAATTCGAATA CAATGGCTCANNNTGCATCAGGT	951	TGCAGGACCAGAGAATTCGAATA CAATTTACTCNNNTGCATCAGGT	1191	TGCAGGACCAGAGAATTCGAATA CAAGTCAGGANNNTGCATCAGGT	1431
TGCAGGACCAGAGAATTCGAATA CATTGACGGTNNNTGCATCAGGT	952	TGCAGGACCAGAGAATTCGAATA CACAACACTGNNNTGCATCAGGT	1192	TGCAGGACCAGAGAATTCGAATA CACTACGAACNNNTGCATCAGGT	1432

FIG. 13H

Pool-4	SEQ ID NO:	Pool-5	SEQ ID NO:	Pool-6	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATGGACGTTNNNTGCATCAGGT	953	TGCAGGACCAGAGAATTCGAATA CACCGCGGCGNNNTGCATCAGGT	1193	TGCAGGACCAGAGAATTCGAATA CAAGCCATGTNNNTGCATCAGGT	1433
TGCAGGACCAGAGAATTCGAATA CATGACAGTCNNNTGCATCAGGT	954	TGCAGGACCAGAGAATTCGAATA CACTAAGCTGNNNTGCATCAGGT	1194	TGCAGGACCAGAGAATTCGAATA CATTCCACTGNNNTGCATCAGGT	1434
TGCAGGACCAGAGAATTCGAATA CACTACCTGTNNNTGCATCAGGT	955	TGCAGGACCAGAGAATTCGAATA CAATTCAAGTNNNTGCATCAGGT	1195	TGCAGGACCAGAGAATTCGAATA CAACCCTGTTNNNTGCATCAGGT	1435
TGCAGGACCAGAGAATTCGAATA CAAGGTCCCGNNNTGCATCAGGT	956	TGCAGGACCAGAGAATTCGAATA CAATTGGCGTNNNTGCATCAGGT	1196	TGCAGGACCAGAGAATTCGAATA CACCCTTTCTNNNTGCATCAGGT	1436
TGCAGGACCAGAGAATTCGAATA CATTCATCTANNNTGCATCAGGT	957	TGCAGGACCAGAGAATTCGAATA CATGATTTGANNNTGCATCAGGT	1197	TGCAGGACCAGAGAATTCGAATA CAATGTTGATNNNTGCATCAGGT	1437
TGCAGGACCAGAGAATTCGAATA CAGATAAAGTNNNTGCATCAGGT	958	TGCAGGACCAGAGAATTCGAATA CAACTGCCGGNNNTGCATCAGGT	1198	TGCAGGACCAGAGAATTCGAATA CACACTGGCGNNNTGCATCAGGT	1438
TGCAGGACCAGAGAATTCGAATA CACACGGAAANNNTGCATCAGGT	959	TGCAGGACCAGAGAATTCGAATA CATTAATCCTNNNTGCATCAGGT	1199	TGCAGGACCAGAGAATTCGAATA CATTCGGTAGNNNTGCATCAGGT	1439
TGCAGGACCAGAGAATTCGAATA CATGTGAGGANNNTGCATCAGGT	960	TGCAGGACCAGAGAATTCGAATA CACTACGCTTNNNTGCATCAGGT	1200	TGCAGGACCAGAGAATTCGAATA CAACCCTGCCNNNTGCATCAGGT	1440
TGCAGGACCAGAGAATTCGAATA CACGTGATCANNNTGCATCAGGT	961	TGCAGGACCAGAGAATTCGAATA CATAGCTATANNNTGCATCAGGT	1201	TGCAGGACCAGAGAATTCGAATA CAGTACCTAGNNNTGCATCAGGT	1441
TGCAGGACCAGAGAATTCGAATA CATGCGTTGANNNTGCATCAGGT	962	TGCAGGACCAGAGAATTCGAATA CATGCACTCTNNNTGCATCAGGT	1202	TGCAGGACCAGAGAATTCGAATA CACGATAATTNNNTGCATCAGGT	1442
TGCAGGACCAGAGAATTCGAATA CATCGCTCCGNNNTGCATCAGGT	963	TGCAGGACCAGAGAATTCGAATA CAGTGCTCCCNNNTGCATCAGGT	1203	TGCAGGACCAGAGAATTCGAATA CAGCCAACCGNNNTGCATCAGGT	1443
TGCAGGACCAGAGAATTCGAATA CACCAGTCAANNNTGCATCAGGT	964	TGCAGGACCAGAGAATTCGAATA CAGCCACCAGNNNTGCATCAGGT	1204	TGCAGGACCAGAGAATTCGAATA CATAACATCANNNTGCATCAGGT	1444
TGCAGGACCAGAGAATTCGAATA CACACATTCCNNNTGCATCAGGT	965	TGCAGGACCAGAGAATTCGAATA CATTATGTGANNNTGCATCAGGT	1205	TGCAGGACCAGAGAATTCGAATA CAGCAAGAACNNNTGCATCAGGT	1445
TGCAGGACCAGAGAATTCGAATA CAGGTATATTNNNTGCATCAGGT	966	TGCAGGACCAGAGAATTCGAATA CAATACTCCCNNNTGCATCAGGT	1206	TGCAGGACCAGAGAATTCGAATA CAACGTGATCNNNTGCATCAGGT	1446
TGCAGGACCAGAGAATTCGAATA CATAAGATGANNNTGCATCAGGT	967	TGCAGGACCAGAGAATTCGAATA CAACTATGGCNNNTGCATCAGGT	1207	TGCAGGACCAGAGAATTCGAATA CACGTTCCTANNNTGCATCAGGT	1447
TGCAGGACCAGAGAATTCGAATA CATTAAAATTNNNTGCATCAGGT	968	TGCAGGACCAGAGAATTCGAATA CAACGGCCTGNNNTGCATCAGGT	1208	TGCAGGACCAGAGAATTCGAATA CAATGCCAGTNNNTGCATCAGGT	1448

FIG. 14A

Pool-7	SEQ ID NO:	Pool-8	SEQ ID NO:	Pool-9	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACAGGCTCGNNNACGTATGCCA	1449	TGCAGGACCAGAGAATTCGAATA CAACTACCAGNNNACGTATGCCA	1689	TGCAGGACCAGAGAATTCGAATA CAGAACGCCCNNNACGTATGCCA	1929
TGCAGGACCAGAGAATTCGAATA CATTGAAGCCNNNACGTATGCCA	1450	TGCAGGACCAGAGAATTCGAATA CATTATTGAGNNNACGTATGCCA	1690	TGCAGGACCAGAGAATTCGAATA CAACCAATGCNNNACGTATGCCA	1930
TGCAGGACCAGAGAATTCGAATA CACACAGAGANNNACGTATGCCA	1451	TGCAGGACCAGAGAATTCGAATA CAACTGTGTGNNNACGTATGCCA	1691	TGCAGGACCAGAGAATTCGAATA CAGACCGATTNNNACGTATGCCA	1931
TGCAGGACCAGAGAATTCGAATA CAGGACTCCGNNNACGTATGCCA	1452	TGCAGGACCAGAGAATTCGAATA CATTGATCGGNNNACGTATGCCA	1692	TGCAGGACCAGAGAATTCGAATA CAATGTTATGNNNACGTATGCCA	1932
TGCAGGACCAGAGAATTCGAATA CATTGGTTAANNNACGTATGCCA	1453	TGCAGGACCAGAGAATTCGAATA CATTCTCGGTNNNACGTATGCCA	1693	TGCAGGACCAGAGAATTCGAATA CAGGAAGAAGNNNACGTATGCCA	1933
TGCAGGACCAGAGAATTCGAATA CATACTAACANNNACGTATGCCA	1454	TGCAGGACCAGAGAATTCGAATA CACCAGTTAGNNNACGTATGCCA	1694	TGCAGGACCAGAGAATTCGAATA CAGTTATACANNNACGTATGCCA	1934
TGCAGGACCAGAGAATTCGAATA CAGTCCAATGNNNACGTATGCCA	1455	TGCAGGACCAGAGAATTCGAATA CAAGAACAATNNNACGTATGCCA	1695	TGCAGGACCAGAGAATTCGAATA CACCTCCTAANNNACGTATGCCA	1935
TGCAGGACCAGAGAATTCGAATA CAAGGCACGGNNNACGTATGCCA	1456	TGCAGGACCAGAGAATTCGAATA CATCCGAAGTNNNACGTATGCCA	1696	TGCAGGACCAGAGAATTCGAATA CATAAACATCNNNACGTATGCCA	1936
TGCAGGACCAGAGAATTCGAATA CAATCATGTANNNACGTATGCCA	1457	TGCAGGACCAGAGAATTCGAATA CATCGGCTCCNNNACGTATGCCA	1697	TGCAGGACCAGAGAATTCGAATA CACGGCGGTTNNNACGTATGCCA	1937
TGCAGGACCAGAGAATTCGAATA CAAAAAGGTTNNNACGTATGCCA	1458	TGCAGGACCAGAGAATTCGAATA CACAGTCCCCNNNACGTATGCCA	1698	TGCAGGACCAGAGAATTCGAATA CATTAACAACNNNACGTATGCCA	1938
TGCAGGACCAGAGAATTCGAATA CAAGGCACCCNNNACGTATGCCA	1459	TGCAGGACCAGAGAATTCGAATA CAGTCAACTGNNNACGTATGCCA	1699	TGCAGGACCAGAGAATTCGAATA CATGGCCATANNNACGTATGCCA	1939
TGCAGGACCAGAGAATTCGAATA CATTGAAAGANNNACGTATGCCA	1460	TGCAGGACCAGAGAATTCGAATA CAGGCGGCTTNNNACGTATGCCA	1700	TGCAGGACCAGAGAATTCGAATA CAGAGTGATGNNNACGTATGCCA	1940
TGCAGGACCAGAGAATTCGAATA CACTCGACTTNNNACGTATGCCA	1461	TGCAGGACCAGAGAATTCGAATA CAATGCGCTANNNACGTATGCCA	1701	TGCAGGACCAGAGAATTCGAATA CACTAATGCGNNNACGTATGCCA	1941
TGCAGGACCAGAGAATTCGAATA CAGCGAATTCNNNACGTATGCCA	1462	TGCAGGACCAGAGAATTCGAATA CAGCTCCGGANNNACGTATGCCA	1702	TGCAGGACCAGAGAATTCGAATA CAAGGTTAAANNNACGTATGCCA	1942
TGCAGGACCAGAGAATTCGAATA CACCCCCGCGNNNACGTATGCCA	1463	TGCAGGACCAGAGAATTCGAATA CATGCTGGCGNNNACGTATGCCA	1703	TGCAGGACCAGAGAATTCGAATA CAACAGTACCNNNACGTATGCCA	1943
TGCAGGACCAGAGAATTCGAATA CAGATAAGCGNNNACGTATGCCA	1464	TGCAGGACCAGAGAATTCGAATA CACTAACGTGNNNACGTATGCCA	1704	TGCAGGACCAGAGAATTCGAATA CAATGTGATTNNNACGTATGCCA	1944
TGCAGGACCAGAGAATTCGAATA CAGAACGATGNNNACGTATGCCA	1465	TGCAGGACCAGAGAATTCGAATA CAGAATACAANNNACGTATGCCA	1705	TGCAGGACCAGAGAATTCGAATA CAGCTGCCGANNNACGTATGCCA	1945
TGCAGGACCAGAGAATTCGAATA CAAATATTATNNNACGTATGCCA	1466	TGCAGGACCAGAGAATTCGAATA CAATGACAAANNNACGTATGCCA	1706	TGCAGGACCAGAGAATTCGAATA CACTTTTTAGNNNACGTATGCCA	1946
TGCAGGACCAGAGAATTCGAATA CATAAGCTATNNNACGTATGCCA	1467	TGCAGGACCAGAGAATTCGAATA CAACGGCTCGNNNACGTATGCCA	1707	TGCAGGACCAGAGAATTCGAATA CATCCCAAAGNNNACGTATGCCA	1947
TGCAGGACCAGAGAATTCGAATA CAACTCGGCGNNNACGTATGCCA	1468	TGCAGGACCAGAGAATTCGAATA CAACAGATAANNNACGTATGCCA	1708	TGCAGGACCAGAGAATTCGAATA CAGACACTACNNNACGTATGCCA	1948
TGCAGGACCAGAGAATTCGAATA CACGACTGCGNNNACGTATGCCA	1469	TGCAGGACCAGAGAATTCGAATA CATGTAGCCANNNACGTATGCCA	1709	TGCAGGACCAGAGAATTCGAATA CAATACCGACNNNACGTATGCCA	1949
TGCAGGACCAGAGAATTCGAATA CATCCGACTTNNNACGTATGCCA	1470	TGCAGGACCAGAGAATTCGAATA CACTTCTGCANNNACGTATGCCA	1710	TGCAGGACCAGAGAATTCGAATA CAGTTGAAAANNNACGTATGCCA	1950
TGCAGGACCAGAGAATTCGAATA CAGGAGGAGGNNNACGTATGCCA	1471	TGCAGGACCAGAGAATTCGAATA CATTACCTTANNNACGTATGCCA	1711	TGCAGGACCAGAGAATTCGAATA CAATTTCCTANNNACGTATGCCA	1951
TGCAGGACCAGAGAATTCGAATA CACAGGCAGGNNNACGTATGCCA	1472	TGCAGGACCAGAGAATTCGAATA CATCAATTCTNNNACGTATGCCA	1712	TGCAGGACCAGAGAATTCGAATA CAACGTTCAGNNNACGTATGCCA	1952
TGCAGGACCAGAGAATTCGAATA CAATCTCATTNNNACGTATGCCA	1473	TGCAGGACCAGAGAATTCGAATA CAAGGTTCGTNNNACGTATGCCA	1713	TGCAGGACCAGAGAATTCGAATA CAAATACGAANNNACGTATGCCA	1953
TGCAGGACCAGAGAATTCGAATA CAAGGCGATANNNACGTATGCCA	1474	TGCAGGACCAGAGAATTCGAATA CAATTTTAAANNNACGTATGCCA	1714	TGCAGGACCAGAGAATTCGAATA CACCAACTGANNNACGTATGCCA	1954
TGCAGGACCAGAGAATTCGAATA CACCTAGATGNNNACGTATGCCA	1475	TGCAGGACCAGAGAATTCGAATA CATTGCAGACNNNACGTATGCCA	1715	TGCAGGACCAGAGAATTCGAATA CAATCCGTCTNNNACGTATGCCA	1955
TGCAGGACCAGAGAATTCGAATA CACCTACCATNNNACGTATGCCA	1476	TGCAGGACCAGAGAATTCGAATA CACCCCACTGNNNACGTATGCCA	1716	TGCAGGACCAGAGAATTCGAATA CACGTCCGCTNNNACGTATGCCA	1956

FIG. 14B

Pool-7	SEQ ID NO:	Pool-8	SEQ ID NO:	Pool-9	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAAACGTCCANNNACGTATGCCA	1477	TGCAGGACCAGAGAATTCGAATA CACTTCCTGANNNACGTATGCCA	1717	TGCAGGACCAGAGAATTCGAATA CATATACACANNNACGTATGCCA	1957
TGCAGGACCAGAGAATTCGAATA CAGCACTTAGNNNACGTATGCCA	1478	TGCAGGACCAGAGAATTCGAATA CAAGAACTCCNNNACGTATGCCA	1718	TGCAGGACCAGAGAATTCGAATA CACTCTATATNNNACGTATGCCA	1958
TGCAGGACCAGAGAATTCGAATA CAGATCGGAANNNACGTATGCCA	1479	TGCAGGACCAGAGAATTCGAATA CACTGTAAGCNNNACGTATGCCA	1719	TGCAGGACCAGAGAATTCGAATA CACTCACAGANNNACGTATGCCA	1959
TGCAGGACCAGAGAATTCGAATA CACGCCATAANNNACGTATGCCA	1480	TGCAGGACCAGAGAATTCGAATA CAAGTCGATCNNNACGTATGCCA	1720	TGCAGGACCAGAGAATTCGAATA CAGCCGGTGTNNNACGTATGCCA	1960
TGCAGGACCAGAGAATTCGAATA CATTAAGTTGNNNACGTATGCCA	1481	TGCAGGACCAGAGAATTCGAATA CAGTAATAGANNNACGTATGCCA	1721	TGCAGGACCAGAGAATTCGAATA CATACGTCAGNNNACGTATGCCA	1961
TGCAGGACCAGAGAATTCGAATA CAGCCAGCTGNNNACGTATGCCA	1482	TGCAGGACCAGAGAATTCGAATA CACGGAGCTCNNNACGTATGCCA	1722	TGCAGGACCAGAGAATTCGAATA CATCTGCTCANNNACGTATGCCA	1962
TGCAGGACCAGAGAATTCGAATA CAAAACGCCTNNNACGTATGCCA	1483	TGCAGGACCAGAGAATTCGAATA CATTGTCTTANNNACGTATGCCA	1723	TGCAGGACCAGAGAATTCGAATA CAACGTATATNNNACGTATGCCA	1963
TGCAGGACCAGAGAATTCGAATA CAGTATTTCTNNNACGTATGCCA	1484	TGCAGGACCAGAGAATTCGAATA CATTTTCGTANNNACGTATGCCA	1724	TGCAGGACCAGAGAATTCGAATA CACGAGCCACNNNACGTATGCCA	1964
TGCAGGACCAGAGAATTCGAATA CAGGTCTCCCNNNACGTATGCCA	1485	TGCAGGACCAGAGAATTCGAATA CAAACGGAACNNNACGTATGCCA	1725	TGCAGGACCAGAGAATTCGAATA CATCGCTCTANNNACGTATGCCA	1965
TGCAGGACCAGAGAATTCGAATA CACAAGTCTGNNNACGTATGCCA	1486	TGCAGGACCAGAGAATTCGAATA CAACCACGGCNNNACGTATGCCA	1726	TGCAGGACCAGAGAATTCGAATA CACGGAAGATNNNACGTATGCCA	1966
TGCAGGACCAGAGAATTCGAATA CAGAGCACAANNNACGTATGCCA	1487	TGCAGGACCAGAGAATTCGAATA CAGAGTATTTNNNACGTATGCCA	1727	TGCAGGACCAGAGAATTCGAATA CATTAGCGGTNNNACGTATGCCA	1967
TGCAGGACCAGAGAATTCGAATA CATCAAACCGNNNACGTATGCCA	1488	TGCAGGACCAGAGAATTCGAATA CACCCGCCTANNNACGTATGCCA	1728	TGCAGGACCAGAGAATTCGAATA CATGAGCTCANNNACGTATGCCA	1968
TGCAGGACCAGAGAATTCGAATA CATTCCGCTANNNACGTATGCCA	1489	TGCAGGACCAGAGAATTCGAATA CAAGTATGCCNNNACGTATGCCA	1729	TGCAGGACCAGAGAATTCGAATA CATACACGTGNNNACGTATGCCA	1969
TGCAGGACCAGAGAATTCGAATA CAATTGCACGNNNACGTATGCCA	1490	TGCAGGACCAGAGAATTCGAATA CATAGCAGCTNNNACGTATGCCA	1730	TGCAGGACCAGAGAATTCGAATA CATAGTGTATNNNACGTATGCCA	1970
TGCAGGACCAGAGAATTCGAATA CAATACCTAANNNACGTATGCCA	1491	TGCAGGACCAGAGAATTCGAATA CACGCGTGACNNNACGTATGCCA	1731	TGCAGGACCAGAGAATTCGAATA CACATTAGGCNNNACGTATGCCA	1971
TGCAGGACCAGAGAATTCGAATA CAGGACCGGANNNACGTATGCCA	1492	TGCAGGACCAGAGAATTCGAATA CAAAATACGANNNACGTATGCCA	1732	TGCAGGACCAGAGAATTCGAATA CAACACCACANNNACGTATGCCA	1972
TGCAGGACCAGAGAATTCGAATA CATGTCCCGCNNNACGTATGCCA	1493	TGCAGGACCAGAGAATTCGAATA CACTAGATATNNNACGTATGCCA	1733	TGCAGGACCAGAGAATTCGAATA CAGTGCGTCGNNNACGTATGCCA	1973
TGCAGGACCAGAGAATTCGAATA CAGCCCCAGANNNACGTATGCCA	1494	TGCAGGACCAGAGAATTCGAATA CAATGTTGGCNNNACGTATGCCA	1734	TGCAGGACCAGAGAATTCGAATA CATATGTTTCNNNACGTATGCCA	1974
TGCAGGACCAGAGAATTCGAATA CACAAGCCCGNNNACGTATGCCA	1495	TGCAGGACCAGAGAATTCGAATA CACTACGCAANNNACGTATGCCA	1735	TGCAGGACCAGAGAATTCGAATA CAGTGGTCGCNNNACGTATGCCA	1975
TGCAGGACCAGAGAATTCGAATA CAGCCATTGANNNACGTATGCCA	1496	TGCAGGACCAGAGAATTCGAATA CATTTCTGTANNNACGTATGCCA	1736	TGCAGGACCAGAGAATTCGAATA CACTGGACCGNNNACGTATGCCA	1976
TGCAGGACCAGAGAATTCGAATA CATGAACACCNNNACGTATGCCA	1497	TGCAGGACCAGAGAATTCGAATA CACCTCCCTCNNNACGTATGCCA	1737	TGCAGGACCAGAGAATTCGAATA CAGGCGTGTCNNNACGTATGCCA	1977
TGCAGGACCAGAGAATTCGAATA CAGAATCCGTNNNACGTATGCCA	1498	TGCAGGACCAGAGAATTCGAATA CAGACTTGACNNNACGTATGCCA	1738	TGCAGGACCAGAGAATTCGAATA CAAGTCTAATNNNACGTATGCCA	1978
TGCAGGACCAGAGAATTCGAATA CATTAATCGANNNACGTATGCCA	1499	TGCAGGACCAGAGAATTCGAATA CAGTCATCGANNNACGTATGCCA	1739	TGCAGGACCAGAGAATTCGAATA CACTCATGCTNNNACGTATGCCA	1979
TGCAGGACCAGAGAATTCGAATA CACGCCACTCNNNACGTATGCCA	1500	TGCAGGACCAGAGAATTCGAATA CAATCTAGTANNNACGTATGCCA	1740	TGCAGGACCAGAGAATTCGAATA CAAGTTCTCCNNNACGTATGCCA	1980
TGCAGGACCAGAGAATTCGAATA CACCCTTAGTNNNACGTATGCCA	1501	TGCAGGACCAGAGAATTCGAATA CACGAAGATGNNNACGTATGCCA	1741	TGCAGGACCAGAGAATTCGAATA CAGTGAAGGTNNNACGTATGCCA	1981
TGCAGGACCAGAGAATTCGAATA CATTTCCTGGNNNACGTATGCCA	1502	TGCAGGACCAGAGAATTCGAATA CAATTTGCAANNNACGTATGCCA	1742	TGCAGGACCAGAGAATTCGAATA CAGTTTTAAGNNNACGTATGCCA	1982
TGCAGGACCAGAGAATTCGAATA CATTCAACGGNNNACGTATGCCA	1503	TGCAGGACCAGAGAATTCGAATA CAGACCGGCTNNNACGTATGCCA	1743	TGCAGGACCAGAGAATTCGAATA CAAAAGCAATNNNACGTATGCCA	1983
TGCAGGACCAGAGAATTCGAATA CATTGAGGAGNNNACGTATGCCA	1504	TGCAGGACCAGAGAATTCGAATA CACTTGTCACNNNACGTATGCCA	1744	TGCAGGACCAGAGAATTCGAATA CATGAAGCGANNNACGTATGCCA	1984
TGCAGGACCAGAGAATTCGAATA CATTCACGCTNNNACGTATGCCA	1505	TGCAGGACCAGAGAATTCGAATA CACTCGTAAGNNNACGTATGCCA	1745	TGCAGGACCAGAGAATTCGAATA CAGTAGTGCTNNNACGTATGCCA	1985

FIG. 14C

Pool-7	SEQ ID NO:	Pool-8	SEQ ID NO:	Pool-9	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATCGCGGTGNNNACGTATGCCA	1506	TGCAGGACCAGAGAATTCGAATA CAGCCTTACTNNNACGTATGCCA	1746	TGCAGGACCAGAGAATTCGAATA CAACTATGTANNNACGTATGCCA	1986
TGCAGGACCAGAGAATTCGAATA CAAATTCCGGNNNACGTATGCCA	1507	TGCAGGACCAGAGAATTCGAATA CAGCATGTGTNNNACGTATGCCA	1747	TGCAGGACCAGAGAATTCGAATA CAGAAGTTCCNNNACGTATGCCA	1987
TGCAGGACCAGAGAATTCGAATA CACGTCATGANNNACGTATGCCA	1508	TGCAGGACCAGAGAATTCGAATA CACTACTGTCNNNACGTATGCCA	1748	TGCAGGACCAGAGAATTCGAATA CACGGTGCTGNNNACGTATGCCA	1988
TGCAGGACCAGAGAATTCGAATA CACGTTTATTNNNCTAGCGTTAC	1509	TGCAGGACCAGAGAATTCGAATA CAATCTAACANNNCTAGCGTTAC	1749	TGCAGGACCAGAGAATTCGAATA CATGCAAATTNNNCTAGCGTTAC	1989
TGCAGGACCAGAGAATTCGAATA CACTGCACGGNNNCTAGCGTTAC	1510	TGCAGGACCAGAGAATTCGAATA CAACGATTCGNNNCTAGCGTTAC	1750	TGCAGGACCAGAGAATTCGAATA CAACTTGTGGNNNCTAGCGTTAC	1990
TGCAGGACCAGAGAATTCGAATA CAACCTTGTCNNNCTAGCGTTAC	1511	TGCAGGACCAGAGAATTCGAATA CAAAACCTTANNNCTAGCGTTAC	1751	TGCAGGACCAGAGAATTCGAATA CATCGCTGCCNNNCTAGCGTTAC	1991
TGCAGGACCAGAGAATTCGAATA CATCCACCCGNNNCTAGCGTTAC	1512	TGCAGGACCAGAGAATTCGAATA CACGTAAAAANNNCTAGCGTTAC	1752	TGCAGGACCAGAGAATTCGAATA CATCCCTTCTNNNCTAGCGTTAC	1992
TGCAGGACCAGAGAATTCGAATA CAAAGGCCGGNNNCTAGCGTTAC	1513	TGCAGGACCAGAGAATTCGAATA CATCTGAGACNNNCTAGCGTTAC	1753	TGCAGGACCAGAGAATTCGAATA CACGGTACTANNNCTAGCGTTAC	1993
TGCAGGACCAGAGAATTCGAATA CAGGCAATAGNNNCTAGCGTTAC	1514	TGCAGGACCAGAGAATTCGAATA CATGGCGATTNNNCTAGCGTTAC	1754	TGCAGGACCAGAGAATTCGAATA CAAGATATCTNNNCTAGCGTTAC	1994
TGCAGGACCAGAGAATTCGAATA CACGCTAGCGNNNCTAGCGTTAC	1515	TGCAGGACCAGAGAATTCGAATA CACATCTTGCNNNCTAGCGTTAC	1755	TGCAGGACCAGAGAATTCGAATA CACTCAAGTGNNNCTAGCGTTAC	1995
TGCAGGACCAGAGAATTCGAATA CATGTTCTATNNNCTAGCGTTAC	1516	TGCAGGACCAGAGAATTCGAATA CATCTTTCGGNNNCTAGCGTTAC	1756	TGCAGGACCAGAGAATTCGAATA CAACCTCCTANNNCTAGCGTTAC	1996
TGCAGGACCAGAGAATTCGAATA CATTAATATANNNCTAGCGTTAC	1517	TGCAGGACCAGAGAATTCGAATA CAGCGAACAANNNCTAGCGTTAC	1757	TGCAGGACCAGAGAATTCGAATA CAAGCAATTTNNNCTAGCGTTAC	1997
TGCAGGACCAGAGAATTCGAATA CAATATGGTTNNNCTAGCGTTAC	1518	TGCAGGACCAGAGAATTCGAATA CAGAGTAGACNNNCTAGCGTTAC	1758	TGCAGGACCAGAGAATTCGAATA CAGCCCCGAANNNCTAGCGTTAC	1998
TGCAGGACCAGAGAATTCGAATA CAGCTGGTTANNNCTAGCGTTAC	1519	TGCAGGACCAGAGAATTCGAATA CACTCATGGANNNCTAGCGTTAC	1759	TGCAGGACCAGAGAATTCGAATA CACCAAATCGNNNCTAGCGTTAC	1999
TGCAGGACCAGAGAATTCGAATA CAAGACTGAGNNNCTAGCGTTAC	1520	TGCAGGACCAGAGAATTCGAATA CATTCCCGGCNNNCTAGCGTTAC	1760	TGCAGGACCAGAGAATTCGAATA CAGATCGGTTNNNCTAGCGTTAC	2000
TGCAGGACCAGAGAATTCGAATA CAGACTTGCANNNCTAGCGTTAC	1521	TGCAGGACCAGAGAATTCGAATA CATGGCCTAANNNCTAGCGTTAC	1761	TGCAGGACCAGAGAATTCGAATA CAACCCCTGCNNNCTAGCGTTAC	2001
TGCAGGACCAGAGAATTCGAATA CAGTCTATCCNNNCTAGCGTTAC	1522	TGCAGGACCAGAGAATTCGAATA CAAGCGCAAANNNCTAGCGTTAC	1762	TGCAGGACCAGAGAATTCGAATA CAACCCACTTNNNCTAGCGTTAC	2002
TGCAGGACCAGAGAATTCGAATA CAAGCTATCGNNNCTAGCGTTAC	1523	TGCAGGACCAGAGAATTCGAATA CAATAGAAACNNNCTAGCGTTAC	1763	TGCAGGACCAGAGAATTCGAATA CAAGACCTTGNNNCTAGCGTTAC	2003
TGCAGGACCAGAGAATTCGAATA CAGGCGAACGNNNCTAGCGTTAC	1524	TGCAGGACCAGAGAATTCGAATA CATCGGCTGGNNNCTAGCGTTAC	1764	TGCAGGACCAGAGAATTCGAATA CACCTTGATCNNNCTAGCGTTAC	2004
TGCAGGACCAGAGAATTCGAATA CAACGAATGGNNNCTAGCGTTAC	1525	TGCAGGACCAGAGAATTCGAATA CAGTGCTCGGNNNCTAGCGTTAC	1765	TGCAGGACCAGAGAATTCGAATA CAAAGTATTCNNNCTAGCGTTAC	2005
TGCAGGACCAGAGAATTCGAATA CATCATGCTCNNNCTAGCGTTAC	1526	TGCAGGACCAGAGAATTCGAATA CAAATGCCACNNNCTAGCGTTAC	1766	TGCAGGACCAGAGAATTCGAATA CACATCCAAGNNNCTAGCGTTAC	2006
TGCAGGACCAGAGAATTCGAATA CATTGCTTATNNNCTAGCGTTAC	1527	TGCAGGACCAGAGAATTCGAATA CAATCACGTGNNNCTAGCGTTAC	1767	TGCAGGACCAGAGAATTCGAATA CACACAAGTCNNNCTAGCGTTAC	2007
TGCAGGACCAGAGAATTCGAATA CAAAGCCAGANNNCTAGCGTTAC	1528	TGCAGGACCAGAGAATTCGAATA CATCACGACANNNCTAGCGTTAC	1768	TGCAGGACCAGAGAATTCGAATA CATAAAATGGNNNCTAGCGTTAC	2008
TGCAGGACCAGAGAATTCGAATA CAGCAGCTCGNNNCTAGCGTTAC	1529	TGCAGGACCAGAGAATTCGAATA CATGTTACGGNNNCTAGCGTTAC	1769	TGCAGGACCAGAGAATTCGAATA CAATCTACAANNNCTAGCGTTAC	2009
TGCAGGACCAGAGAATTCGAATA CACCGAGTCGNNNCTAGCGTTAC	1530	TGCAGGACCAGAGAATTCGAATA CATTACCGCTNNNCTAGCGTTAC	1770	TGCAGGACCAGAGAATTCGAATA CAGCGAGAATNNNCTAGCGTTAC	2010
TGCAGGACCAGAGAATTCGAATA CAAACAGACGNNNCTAGCGTTAC	1531	TGCAGGACCAGAGAATTCGAATA CACCCTTTAGNNNCTAGCGTTAC	1771	TGCAGGACCAGAGAATTCGAATA CAGTAGCCATNNNCTAGCGTTAC	2011
TGCAGGACCAGAGAATTCGAATA CACCCAAACANNNCTAGCGTTAC	1532	TGCAGGACCAGAGAATTCGAATA CAGTCTTGAGNNNCTAGCGTTAC	1772	TGCAGGACCAGAGAATTCGAATA CAAAGGCAGTNNNCTAGCGTTAC	2012
TGCAGGACCAGAGAATTCGAATA CAAAGGCGATNNNCTAGCGTTAC	1533	TGCAGGACCAGAGAATTCGAATA CACTTTGACCNNNCTAGCGTTAC	1773	TGCAGGACCAGAGAATTCGAATA CAGTAGACTCNNNCTAGCGTTAC	2013
TGCAGGACCAGAGAATTCGAATA CACCTTAAAANNNCTAGCGTTAC	1534	TGCAGGACCAGAGAATTCGAATA CACTTCTCAGNNNCTAGCGTTAC	1774	TGCAGGACCAGAGAATTCGAATA CAGGTATGCTNNNCTAGCGTTAC	2014

FIG. 14D

Pool-7	SEQ ID NO:	Pool-8	SEQ ID NO:	Pool-9	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACATACCTCNNNCTAGCGTTAC	1535	TGCAGGACCAGAGAATTCGAATA CATGTTGCAGNNNCTAGCGTTAC	1775	TGCAGGACCAGAGAATTCGAATA CAGGTTTTAANNNCTAGCGTTAC	2015
TGCAGGACCAGAGAATTCGAATA CAGCCAATCANNNCTAGCGTTAC	1536	TGCAGGACCAGAGAATTCGAATA CAAACCCAACNNNCTAGCGTTAC	1776	TGCAGGACCAGAGAATTCGAATA CAACAGAAGCNNNCTAGCGTTAC	2016
TGCAGGACCAGAGAATTCGAATA CACTTAGGCANNNCTAGCGTTAC	1537	TGCAGGACCAGAGAATTCGAATA CATAAGCACCNNNCTAGCGTTAC	1777	TGCAGGACCAGAGAATTCGAATA CACAGCACGCNNNCTAGCGTTAC	2017
TGCAGGACCAGAGAATTCGAATA CACGCACCAGNNNCTAGCGTTAC	1538	TGCAGGACCAGAGAATTCGAATA CAGATGTAAANNNCTAGCGTTAC	1778	TGCAGGACCAGAGAATTCGAATA CAACCGTAACNNNCTAGCGTTAC	2018
TGCAGGACCAGAGAATTCGAATA CATTCCCGTANNNCTAGCGTTAC	1539	TGCAGGACCAGAGAATTCGAATA CAGTTATGCGNNNCTAGCGTTAC	1779	TGCAGGACCAGAGAATTCGAATA CAGGAAGCCGNNNCTAGCGTTAC	2019
TGCAGGACCAGAGAATTCGAATA CATTCAGAATNNNCTAGCGTTAC	1540	TGCAGGACCAGAGAATTCGAATA CAGCGCGGAANNNCTAGCGTTAC	1780	TGCAGGACCAGAGAATTCGAATA CAGAGGATCANNNCTAGCGTTAC	2020
TGCAGGACCAGAGAATTCGAATA CAGGCATTACNNNCTAGCGTTAC	1541	TGCAGGACCAGAGAATTCGAATA CAAGATTTGTNNNCTAGCGTTAC	1781	TGCAGGACCAGAGAATTCGAATA CACGGTTCGGNNNCTAGCGTTAC	2021
TGCAGGACCAGAGAATTCGAATA CAAACCAAAANNNCTAGCGTTAC	1542	TGCAGGACCAGAGAATTCGAATA CACACAGCTANNNCTAGCGTTAC	1782	TGCAGGACCAGAGAATTCGAATA CAATCCACAGNNNCTAGCGTTAC	2022
TGCAGGACCAGAGAATTCGAATA CAACGCTGTANNNCTAGCGTTAC	1543	TGCAGGACCAGAGAATTCGAATA CAACGGCAGGNNNCTAGCGTTAC	1783	TGCAGGACCAGAGAATTCGAATA CAGAGACCCCNNNCTAGCGTTAC	2023
TGCAGGACCAGAGAATTCGAATA CAACGATCTGNNNCTAGCGTTAC	1544	TGCAGGACCAGAGAATTCGAATA CATACGGAAGNNNCTAGCGTTAC	1784	TGCAGGACCAGAGAATTCGAATA CACTCCGGAGNNNCTAGCGTTAC	2024
TGCAGGACCAGAGAATTCGAATA CAGCATGAGANNNCTAGCGTTAC	1545	TGCAGGACCAGAGAATTCGAATA CACTCGATGANNNCTAGCGTTAC	1785	TGCAGGACCAGAGAATTCGAATA CATCGCCTCGNNNCTAGCGTTAC	2025
TGCAGGACCAGAGAATTCGAATA CAGTAAGTCCNNNCTAGCGTTAC	1546	TGCAGGACCAGAGAATTCGAATA CATCCCCCCTNNNCTAGCGTTAC	1786	TGCAGGACCAGAGAATTCGAATA CATCATTCCGNNNCTAGCGTTAC	2026
TGCAGGACCAGAGAATTCGAATA CAAAGCGAGTNNNCTAGCGTTAC	1547	TGCAGGACCAGAGAATTCGAATA CACCATCTACNNNCTAGCGTTAC	1787	TGCAGGACCAGAGAATTCGAATA CAGAACTACCNNNCTAGCGTTAC	2027
TGCAGGACCAGAGAATTCGAATA CAAGATCTGCNNNCTAGCGTTAC	1548	TGCAGGACCAGAGAATTCGAATA CAAAGCAGGTNNNCTAGCGTTAC	1788	TGCAGGACCAGAGAATTCGAATA CATAATTTTTNNNCTAGCGTTAC	2028
TGCAGGACCAGAGAATTCGAATA CACCCGTCACNNNCTAGCGTTAC	1549	TGCAGGACCAGAGAATTCGAATA CAAAGTCAAANNNCTAGCGTTAC	1789	TGCAGGACCAGAGAATTCGAATA CAGATTGTGCNNNCTAGCGTTAC	2029
TGCAGGACCAGAGAATTCGAATA CATCCTCGCGNNNCTAGCGTTAC	1550	TGCAGGACCAGAGAATTCGAATA CAATTCGACGNNNCTAGCGTTAC	1790	TGCAGGACCAGAGAATTCGAATA CATGGCGCACNNNCTAGCGTTAC	2030
TGCAGGACCAGAGAATTCGAATA CACATGTCGANNNCTAGCGTTAC	1551	TGCAGGACCAGAGAATTCGAATA CAACCAGCCGNNNCTAGCGTTAC	1791	TGCAGGACCAGAGAATTCGAATA CAAAATCAGANNNCTAGCGTTAC	2031
TGCAGGACCAGAGAATTCGAATA CAAACGGTTCNNNCTAGCGTTAC	1552	TGCAGGACCAGAGAATTCGAATA CATAGTCGGTNNNCTAGCGTTAC	1792	TGCAGGACCAGAGAATTCGAATA CAAGGCTATCNNNCTAGCGTTAC	2032
TGCAGGACCAGAGAATTCGAATA CACCCCAATTNNNCTAGCGTTAC	1553	TGCAGGACCAGAGAATTCGAATA CATGCGCATANNNCTAGCGTTAC	1793	TGCAGGACCAGAGAATTCGAATA CATCTTGTGCNNNCTAGCGTTAC	2033
TGCAGGACCAGAGAATTCGAATA CAACCGTTCTNNNCTAGCGTTAC	1554	TGCAGGACCAGAGAATTCGAATA CATAGAACCCNNNCTAGCGTTAC	1794	TGCAGGACCAGAGAATTCGAATA CACCATTCCANNNCTAGCGTTAC	2034
TGCAGGACCAGAGAATTCGAATA CAACTCTAAANNNCTAGCGTTAC	1555	TGCAGGACCAGAGAATTCGAATA CAGGTTTGTGNNNCTAGCGTTAC	1795	TGCAGGACCAGAGAATTCGAATA CATAGATTACNNNCTAGCGTTAC	2035
TGCAGGACCAGAGAATTCGAATA CAATGAGCTCNNNCTAGCGTTAC	1556	TGCAGGACCAGAGAATTCGAATA CAAAGTTTGTNNNCTAGCGTTAC	1796	TGCAGGACCAGAGAATTCGAATA CAGTTTGCTCNNNCTAGCGTTAC	2036
TGCAGGACCAGAGAATTCGAATA CATCTAAGGCNNNCTAGCGTTAC	1557	TGCAGGACCAGAGAATTCGAATA CATTAGCGACNNNCTAGCGTTAC	1797	TGCAGGACCAGAGAATTCGAATA CATCTTCGGTNNNCTAGCGTTAC	2037
TGCAGGACCAGAGAATTCGAATA CACAATAGCCNNNCTAGCGTTAC	1558	TGCAGGACCAGAGAATTCGAATA CAGATATATCNNNCTAGCGTTAC	1798	TGCAGGACCAGAGAATTCGAATA CAAGTAGTCCNNNCTAGCGTTAC	2038
TGCAGGACCAGAGAATTCGAATA CATCTTGCGTNNNCTAGCGTTAC	1559	TGCAGGACCAGAGAATTCGAATA CAAACTGTGCNNNCTAGCGTTAC	1799	TGCAGGACCAGAGAATTCGAATA CACGGTGTATNNNCTAGCGTTAC	2039
TGCAGGACCAGAGAATTCGAATA CACAAGAGCANNNCTAGCGTTAC	1560	TGCAGGACCAGAGAATTCGAATA CACGAATGGANNNCTAGCGTTAC	1800	TGCAGGACCAGAGAATTCGAATA CACTGTTTGCNNNCTAGCGTTAC	2040
TGCAGGACCAGAGAATTCGAATA CAGCTTGGATNNNCTAGCGTTAC	1561	TGCAGGACCAGAGAATTCGAATA CACTTCGTTGNNNCTAGCGTTAC	1801	TGCAGGACCAGAGAATTCGAATA CAAACGTTGCNNNCTAGCGTTAC	2041
TGCAGGACCAGAGAATTCGAATA CACTAAATACNNNCTAGCGTTAC	1562	TGCAGGACCAGAGAATTCGAATA CATCGTGGTANNNCTAGCGTTAC	1802	TGCAGGACCAGAGAATTCGAATA CAATAAATGGNNNCTAGCGTTAC	2042
TGCAGGACCAGAGAATTCGAATA CACCTAAAATNNNCTAGCGTTAC	1563	TGCAGGACCAGAGAATTCGAATA CAGCAAAATANNNCTAGCGTTAC	1803	TGCAGGACCAGAGAATTCGAATA CAACGCGTGCNNNCTAGCGTTAC	2043

FIG. 14E

Pool-7	SEQ ID NO:	Pool-8	SEQ ID NO:	Pool-9	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAGAACCTCANNNCTAGCGTTAC	1564	TGCAGGACCAGAGAATTCGAATA CAAGACTAAANNNCTAGCGTTAC	1804	TGCAGGACCAGAGAATTCGAATA CACGTTGGTANNNCTAGCGTTAC	2044
TGCAGGACCAGAGAATTCGAATA CAGAGGCCTCNNNCTAGCGTTAC	1565	TGCAGGACCAGAGAATTCGAATA CATGCGAGTTNNNCTAGCGTTAC	1805	TGCAGGACCAGAGAATTCGAATA CAAGGCGTAANNNCTAGCGTTAC	2045
TGCAGGACCAGAGAATTCGAATA CAAGGTGATGNNNCTAGCGTTAC	1566	TGCAGGACCAGAGAATTCGAATA CAGTTCTGAGNNNCTAGCGTTAC	1806	TGCAGGACCAGAGAATTCGAATA CATGCCTATCNNNCTAGCGTTAC	2046
TGCAGGACCAGAGAATTCGAATA CAACGCGTTANNNCTAGCGTTAC	1567	TGCAGGACCAGAGAATTCGAATA CATCGGCGTGNNNCTAGCGTTAC	1807	TGCAGGACCAGAGAATTCGAATA CAAAAGCTCCNNNCTAGCGTTAC	2047
TGCAGGACCAGAGAATTCGAATA CAGGTGGCTCNNNCTAGCGTTAC	1568	TGCAGGACCAGAGAATTCGAATA CAGATCCGGCNNNCTAGCGTTAC	1808	TGCAGGACCAGAGAATTCGAATA CAAGGACGATNNNCTAGCGTTAC	2048
TGCAGGACCAGAGAATTCGAATA CAGAGATCAGNNNGATCGACATG	1569	TGCAGGACCAGAGAATTCGAATA CAGTGTATGCNNNGATCGACATG	1809	TGCAGGACCAGAGAATTCGAATA CACTTGAAGCNNNGATCGACATG	2049
TGCAGGACCAGAGAATTCGAATA CATACGTGTGNNNGATCGACATG	1570	TGCAGGACCAGAGAATTCGAATA CAAGTATTTGNNNGATCGACATG	1810	TGCAGGACCAGAGAATTCGAATA CATGCCCTCGNNNGATCGACATG	2050
TGCAGGACCAGAGAATTCGAATA CAAGTTATCANNNGATCGACATG	1571	TGCAGGACCAGAGAATTCGAATA CAAGTAAAACNNNGATCGACATG	1811	TGCAGGACCAGAGAATTCGAATA CAAGCGAAACNNNGATCGACATG	2051
TGCAGGACCAGAGAATTCGAATA CACAGTGATCNNNGATCGACATG	1572	TGCAGGACCAGAGAATTCGAATA CAAGCCACCGNNNGATCGACATG	1812	TGCAGGACCAGAGAATTCGAATA CATAGAGTGGNNNGATCGACATG	2052
TGCAGGACCAGAGAATTCGAATA CATACGCGGCNNNGATCGACATG	1573	TGCAGGACCAGAGAATTCGAATA CAAAGTGTCCNNNGATCGACATG	1813	TGCAGGACCAGAGAATTCGAATA CAAGCAGCAANNNGATCGACATG	2053
TGCAGGACCAGAGAATTCGAATA CAGTGTGTACNNNGATCGACATG	1574	TGCAGGACCAGAGAATTCGAATA CACTATTTGTNNNGATCGACATG	1814	TGCAGGACCAGAGAATTCGAATA CACCTATTATNNNGATCGACATG	2054
TGCAGGACCAGAGAATTCGAATA CAGTGTTTAANNNGATCGACATG	1575	TGCAGGACCAGAGAATTCGAATA CAGTGTATCGNNNGATCGACATG	1815	TGCAGGACCAGAGAATTCGAATA CAGCGACGAGNNNGATCGACATG	2055
TGCAGGACCAGAGAATTCGAATA CAGCTCTACTNNNGATCGACATG	1576	TGCAGGACCAGAGAATTCGAATA CAATAGTATCNNNGATCGACATG	1816	TGCAGGACCAGAGAATTCGAATA CAACGATTTANNNGATCGACATG	2056
TGCAGGACCAGAGAATTCGAATA CATTGTGCTCNNNGATCGACATG	1577	TGCAGGACCAGAGAATTCGAATA CACCGCTGAGNNNGATCGACATG	1817	TGCAGGACCAGAGAATTCGAATA CAAATTGTTGNNNGATCGACATG	2057
TGCAGGACCAGAGAATTCGAATA CATATAAGCTNNNGATCGACATG	1578	TGCAGGACCAGAGAATTCGAATA CATTATTTTANNNGATCGACATG	1818	TGCAGGACCAGAGAATTCGAATA CACATTAAGTNNNGATCGACATG	2058
TGCAGGACCAGAGAATTCGAATA CAAGAACGACNNNGATCGACATG	1579	TGCAGGACCAGAGAATTCGAATA CAACAAGACGNNNGATCGACATG	1819	TGCAGGACCAGAGAATTCGAATA CAGACGGAGCNNNGATCGACATG	2059
TGCAGGACCAGAGAATTCGAATA CATACGATATNNNGATCGACATG	1580	TGCAGGACCAGAGAATTCGAATA CATAAGTATCNNNGATCGACATG	1820	TGCAGGACCAGAGAATTCGAATA CACCGATAGTNNNGATCGACATG	2060
TGCAGGACCAGAGAATTCGAATA CATAAACCTANNNGATCGACATG	1581	TGCAGGACCAGAGAATTCGAATA CAGGCACACCNNNGATCGACATG	1821	TGCAGGACCAGAGAATTCGAATA CAAGTATTGTNNNGATCGACATG	2061
TGCAGGACCAGAGAATTCGAATA CATAACGTTANNNGATCGACATG	1582	TGCAGGACCAGAGAATTCGAATA CAGTACCTCTNNNGATCGACATG	1822	TGCAGGACCAGAGAATTCGAATA CATTTCGGCTNNNGATCGACATG	2062
TGCAGGACCAGAGAATTCGAATA CAGCACGTGCNNNGATCGACATG	1583	TGCAGGACCAGAGAATTCGAATA CACTGTGATGNNNGATCGACATG	1823	TGCAGGACCAGAGAATTCGAATA CAGTAGACAGNNNGATCGACATG	2063
TGCAGGACCAGAGAATTCGAATA CACCCTCGACNNNGATCGACATG	1584	TGCAGGACCAGAGAATTCGAATA CAACAAGGACNNNGATCGACATG	1824	TGCAGGACCAGAGAATTCGAATA CAACGAAGTGNNNGATCGACATG	2064
TGCAGGACCAGAGAATTCGAATA CATTGCATCCNNNGATCGACATG	1585	TGCAGGACCAGAGAATTCGAATA CAAGAGGCTANNNGATCGACATG	1825	TGCAGGACCAGAGAATTCGAATA CACGTCTTTGNNNGATCGACATG	2065
TGCAGGACCAGAGAATTCGAATA CATCAACTGGNNNGATCGACATG	1586	TGCAGGACCAGAGAATTCGAATA CAATTGAGTTNNNGATCGACATG	1826	TGCAGGACCAGAGAATTCGAATA CAACACAGGANNNGATCGACATG	2066
TGCAGGACCAGAGAATTCGAATA CAATTGCCCTNNNGATCGACATG	1587	TGCAGGACCAGAGAATTCGAATA CACGTTCTCANNNGATCGACATG	1827	TGCAGGACCAGAGAATTCGAATA CAGGTCACTANNNGATCGACATG	2067
TGCAGGACCAGAGAATTCGAATA CATACATGTANNNGATCGACATG	1588	TGCAGGACCAGAGAATTCGAATA CAGGTAGCTTNNNGATCGACATG	1828	TGCAGGACCAGAGAATTCGAATA CAGAACGAACNNNGATCGACATG	2068
TGCAGGACCAGAGAATTCGAATA CAGACTTGGTNNNGATCGACATG	1589	TGCAGGACCAGAGAATTCGAATA CATCCTTGTGNNNGATCGACATG	1829	TGCAGGACCAGAGAATTCGAATA CACCTAACTCNNNGATCGACATG	2069
TGCAGGACCAGAGAATTCGAATA CAGTCCCATTNNNGATCGACATG	1590	TGCAGGACCAGAGAATTCGAATA CAGCCGACACNNNGATCGACATG	1830	TGCAGGACCAGAGAATTCGAATA CAAAGACTTTNNNGATCGACATG	2070
TGCAGGACCAGAGAATTCGAATA CAAGATGGTGNNNGATCGACATG	1591	TGCAGGACCAGAGAATTCGAATA CAACTAGAGGNNNGATCGACATG	1831	TGCAGGACCAGAGAATTCGAATA CAGGACATCTNNNGATCGACATG	2071
TGCAGGACCAGAGAATTCGAATA CAGACACAGANNNGATCGACATG	1592	TGCAGGACCAGAGAATTCGAATA CAACAGTCGTNNNGATCGACATG	1832	TGCAGGACCAGAGAATTCGAATA CAGGCGTAAANNNGATCGACATG	2072

FIG. 14F

Pool-7	SEQ ID NO:	Pool-8	SEQ ID NO:	Pool-9	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACGCGTTTTNNNGATCGACATG	1593	TGCAGGACCAGAGAATTCGAATA CACGAGGCGANNNGATCGACATG	1833	TGCAGGACCAGAGAATTCGAATA CAGTACCAGTNNNGATCGACATG	2073
TGCAGGACCAGAGAATTCGAATA CACCCAGAGCNNNGATCGACATG	1594	TGCAGGACCAGAGAATTCGAATA CAACCGAAAGNNNGATCGACATG	1834	TGCAGGACCAGAGAATTCGAATA CAGAATTTACNNNGATCGACATG	2074
TGCAGGACCAGAGAATTCGAATA CACGCAGCTGNNNGATCGACATG	1595	TGCAGGACCAGAGAATTCGAATA CAGTTTGAGCNNNGATCGACATG	1835	TGCAGGACCAGAGAATTCGAATA CAAACACCCANNNGATCGACATG	2075
TGCAGGACCAGAGAATTCGAATA CACTTTGGCTNNNGATCGACATG	1596	TGCAGGACCAGAGAATTCGAATA CAGTATGCGTNNNGATCGACATG	1836	TGCAGGACCAGAGAATTCGAATA CAAGTTATTGNNNGATCGACATG	2076
TGCAGGACCAGAGAATTCGAATA CAGTTGATCGNNNGATCGACATG	1597	TGCAGGACCAGAGAATTCGAATA CAATGTAACTNNNGATCGACATG	1837	TGCAGGACCAGAGAATTCGAATA CACTTCTTTTNNNGATCGACATG	2077
TGCAGGACCAGAGAATTCGAATA CAGTGAAGTGNNNGATCGACATG	1598	TGCAGGACCAGAGAATTCGAATA CAAGACGTAGNNNGATCGACATG	1838	TGCAGGACCAGAGAATTCGAATA CAGAGCTCCGNNNGATCGACATG	2078
TGCAGGACCAGAGAATTCGAATA CACACGTTGANNNGATCGACATG	1599	TGCAGGACCAGAGAATTCGAATA CATTGGCGCGNNNGATCGACATG	1839	TGCAGGACCAGAGAATTCGAATA CAGAACCCCGNNNGATCGACATG	2079
TGCAGGACCAGAGAATTCGAATA CACAATCCAGNNNGATCGACATG	1600	TGCAGGACCAGAGAATTCGAATA CAGGACTCATNNNGATCGACATG	1840	TGCAGGACCAGAGAATTCGAATA CAATTGTGATNNNGATCGACATG	2080
TGCAGGACCAGAGAATTCGAATA CAGCGCAGAGNNNGATCGACATG	1601	TGCAGGACCAGAGAATTCGAATA CAGTCCGGTGNNNGATCGACATG	1841	TGCAGGACCAGAGAATTCGAATA CAAGTTCTTTNNNGATCGACATG	2081
TGCAGGACCAGAGAATTCGAATA CACTCTGATCNNNGATCGACATG	1602	TGCAGGACCAGAGAATTCGAATA CAGCAAGCCCNNNGATCGACATG	1842	TGCAGGACCAGAGAATTCGAATA CAGCACGGTCNNNGATCGACATG	2082
TGCAGGACCAGAGAATTCGAATA CATATGCCAGNNNGATCGACATG	1603	TGCAGGACCAGAGAATTCGAATA CAAGCATGGANNNGATCGACATG	1843	TGCAGGACCAGAGAATTCGAATA CAGTATCCCTNNNGATCGACATG	2083
TGCAGGACCAGAGAATTCGAATA CAGTTGGTCANNNGATCGACATG	1604	TGCAGGACCAGAGAATTCGAATA CAAGCAGCCCNNNGATCGACATG	1844	TGCAGGACCAGAGAATTCGAATA CAGCAAGTGANNNGATCGACATG	2084
TGCAGGACCAGAGAATTCGAATA CACCTCTCGGNNNGATCGACATG	1605	TGCAGGACCAGAGAATTCGAATA CAATCTCTATNNNGATCGACATG	1845	TGCAGGACCAGAGAATTCGAATA CATAAGATAGNNNGATCGACATG	2085
TGCAGGACCAGAGAATTCGAATA CATGGTACACNNNGATCGACATG	1606	TGCAGGACCAGAGAATTCGAATA CATAATGCCGNNNGATCGACATG	1846	TGCAGGACCAGAGAATTCGAATA CAGCAATCTGNNNGATCGACATG	2086
TGCAGGACCAGAGAATTCGAATA CACCTCGGCTNNNGATCGACATG	1607	TGCAGGACCAGAGAATTCGAATA CACAGGCGGANNNGATCGACATG	1847	TGCAGGACCAGAGAATTCGAATA CACTGCCAGGNNNGATCGACATG	2087
TGCAGGACCAGAGAATTCGAATA CAGCGACGGANNNGATCGACATG	1608	TGCAGGACCAGAGAATTCGAATA CAGCGAATGANNNGATCGACATG	1848	TGCAGGACCAGAGAATTCGAATA CAGGTTTATANNNGATCGACATG	2088
TGCAGGACCAGAGAATTCGAATA CACCCTGATTNNNGATCGACATG	1609	TGCAGGACCAGAGAATTCGAATA CAAGCGTACTNNNGATCGACATG	1849	TGCAGGACCAGAGAATTCGAATA CAAACTTGCGNNNGATCGACATG	2089
TGCAGGACCAGAGAATTCGAATA CAATTCTCTANNNGATCGACATG	1610	TGCAGGACCAGAGAATTCGAATA CACCCAGGCANNNGATCGACATG	1850	TGCAGGACCAGAGAATTCGAATA CACCAACGCGNNNGATCGACATG	2090
TGCAGGACCAGAGAATTCGAATA CACTGTCAAGNNNGATCGACATG	1611	TGCAGGACCAGAGAATTCGAATA CAGGCCTGTGNNNGATCGACATG	1851	TGCAGGACCAGAGAATTCGAATA CATGGAAGACNNNGATCGACATG	2091
TGCAGGACCAGAGAATTCGAATA CAATTACCGGNNNGATCGACATG	1612	TGCAGGACCAGAGAATTCGAATA CACCTAGGCGNNNGATCGACATG	1852	TGCAGGACCAGAGAATTCGAATA CAATTGAAGANNNGATCGACATG	2092
TGCAGGACCAGAGAATTCGAATA CATAATATCGNNNGATCGACATG	1613	TGCAGGACCAGAGAATTCGAATA CACCGTTTTGNNNGATCGACATG	1853	TGCAGGACCAGAGAATTCGAATA CATTTTCACANNNGATCGACATG	2093
TGCAGGACCAGAGAATTCGAATA CAATAGACTTNNNGATCGACATG	1614	TGCAGGACCAGAGAATTCGAATA CAGACGCACCNNNGATCGACATG	1854	TGCAGGACCAGAGAATTCGAATA CAACGAACTCNNNGATCGACATG	2094
TGCAGGACCAGAGAATTCGAATA CACCTGATAGNNNGATCGACATG	1615	TGCAGGACCAGAGAATTCGAATA CAACTTATGANNNGATCGACATG	1855	TGCAGGACCAGAGAATTCGAATA CAAGGCCGTCNNNGATCGACATG	2095
TGCAGGACCAGAGAATTCGAATA CAGCCGCACANNNGATCGACATG	1616	TGCAGGACCAGAGAATTCGAATA CAAGATCAAANNNGATCGACATG	1856	TGCAGGACCAGAGAATTCGAATA CATTGGAGCTNNNGATCGACATG	2096
TGCAGGACCAGAGAATTCGAATA CACGAATATTNNNGATCGACATG	1617	TGCAGGACCAGAGAATTCGAATA CATACTTCCGNNNGATCGACATG	1857	TGCAGGACCAGAGAATTCGAATA CAACAGACAGNNNGATCGACATG	2097
TGCAGGACCAGAGAATTCGAATA CAGTCAATCGNNNGATCGACATG	1618	TGCAGGACCAGAGAATTCGAATA CACGTTAGACNNNGATCGACATG	1858	TGCAGGACCAGAGAATTCGAATA CAATCGTCAGNNNGATCGACATG	2098
TGCAGGACCAGAGAATTCGAATA CATCAGCCCCNNNGATCGACATG	1619	TGCAGGACCAGAGAATTCGAATA CAGGAGTTAGNNNGATCGACATG	1859	TGCAGGACCAGAGAATTCGAATA CATTATGTCTNNNGATCGACATG	2099
TGCAGGACCAGAGAATTCGAATA CAGGAGTTCTNNNGATCGACATG	1620	TGCAGGACCAGAGAATTCGAATA CAGACCTCTTNNNGATCGACATG	1860	TGCAGGACCAGAGAATTCGAATA CAGTCACGATNNNGATCGACATG	2100
TGCAGGACCAGAGAATTCGAATA CAGTGAATCCNNNGATCGACATG	1621	TGCAGGACCAGAGAATTCGAATA CAGCCCGCAANNNGATCGACATG	1861	TGCAGGACCAGAGAATTCGAATA CACATTCTGCNNNGATCGACATG	2101

FIG. 14G

Pool-7	SEQ ID NO:	Pool-8	SEQ ID NO:	Pool-9	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAACGATTATNNNGATCGACATG	1622	TGCAGGACCAGAGAATTCGAATA CAGAACCCATNNNGATCGACATG	1862	TGCAGGACCAGAGAATTCGAATA CAGAAAAACTNNNGATCGACATG	2102
TGCAGGACCAGAGAATTCGAATA CACAATCCGANNNGATCGACATG	1623	TGCAGGACCAGAGAATTCGAATA CACCACTGCCNNNGATCGACATG	1863	TGCAGGACCAGAGAATTCGAATA CATCGTCGTTNNNGATCGACATG	2103
TGCAGGACCAGAGAATTCGAATA CAGGCAATGANNNGATCGACATG	1624	TGCAGGACCAGAGAATTCGAATA CACTAATTTCNNNGATCGACATG	1864	TGCAGGACCAGAGAATTCGAATA CAATTGTGGCNNNGATCGACATG	2104
TGCAGGACCAGAGAATTCGAATA CACTGTCAGANNNGATCGACATG	1625	TGCAGGACCAGAGAATTCGAATA CACGGTCCAGNNNGATCGACATG	1865	TGCAGGACCAGAGAATTCGAATA CAACTGGACTNNNGATCGACATG	2105
TGCAGGACCAGAGAATTCGAATA CACAGACCTANNNGATCGACATG	1626	TGCAGGACCAGAGAATTCGAATA CATTTCGCACNNNGATCGACATG	1866	TGCAGGACCAGAGAATTCGAATA CACGTTGTTCNNNGATCGACATG	2106
TGCAGGACCAGAGAATTCGAATA CAGATCATCGNNNGATCGACATG	1627	TGCAGGACCAGAGAATTCGAATA CAGGATAAGCNNNGATCGACATG	1867	TGCAGGACCAGAGAATTCGAATA CACAAGACCTNNNGATCGACATG	2107
TGCAGGACCAGAGAATTCGAATA CAGAACGAGTNNNGATCGACATG	1628	TGCAGGACCAGAGAATTCGAATA CACTCGCAGGNNNGATCGACATG	1868	TGCAGGACCAGAGAATTCGAATA CATACCCCCGNNNGATCGACATG	2108
TGCAGGACCAGAGAATTCGAATA CATCGGTGATNNNTGCATCAGGT	1629	TGCAGGACCAGAGAATTCGAATA CAACTGAAAANNNTGCATCAGGT	1869	TGCAGGACCAGAGAATTCGAATA CACCTACCGCNNNTGCATCAGGT	2109
TGCAGGACCAGAGAATTCGAATA CAATTGCAATNNNTGCATCAGGT	1630	TGCAGGACCAGAGAATTCGAATA CAAGTCTTTTNNNTGCATCAGGT	1870	TGCAGGACCAGAGAATTCGAATA CAAGACAGTGNNNTGCATCAGGT	2110
TGCAGGACCAGAGAATTCGAATA CATTAACGATNNNTGCATCAGGT	1631	TGCAGGACCAGAGAATTCGAATA CAGGTGTTACNNNTGCATCAGGT	1871	TGCAGGACCAGAGAATTCGAATA CAGTCCTATCNNNTGCATCAGGT	2111
TGCAGGACCAGAGAATTCGAATA CATGTACGTGNNNTGCATCAGGT	1632	TGCAGGACCAGAGAATTCGAATA CATATCCGCTNNNTGCATCAGGT	1872	TGCAGGACCAGAGAATTCGAATA CACGCGCTCTNNNTGCATCAGGT	2112
TGCAGGACCAGAGAATTCGAATA CAGCGTGTGCNNNTGCATCAGGT	1633	TGCAGGACCAGAGAATTCGAATA CAGCGTGAGGNNNTGCATCAGGT	1873	TGCAGGACCAGAGAATTCGAATA CATTGATTCTNNNTGCATCAGGT	2113
TGCAGGACCAGAGAATTCGAATA CACCATATAANNNTGCATCAGGT	1634	TGCAGGACCAGAGAATTCGAATA CAGCCGTTCCNNNTGCATCAGGT	1874	TGCAGGACCAGAGAATTCGAATA CAATAATGTCNNNTGCATCAGGT	2114
TGCAGGACCAGAGAATTCGAATA CAAAATTGAGNNNTGCATCAGGT	1635	TGCAGGACCAGAGAATTCGAATA CATTACCCCANNNTGCATCAGGT	1875	TGCAGGACCAGAGAATTCGAATA CAGAGTTAAANNNTGCATCAGGT	2115
TGCAGGACCAGAGAATTCGAATA CAGTATCACGNNNTGCATCAGGT	1636	TGCAGGACCAGAGAATTCGAATA CAGACCCCTCNNNTGCATCAGGT	1876	TGCAGGACCAGAGAATTCGAATA CACGACACATNNNTGCATCAGGT	2116
TGCAGGACCAGAGAATTCGAATA CACCTTAGGANNNTGCATCAGGT	1637	TGCAGGACCAGAGAATTCGAATA CATATGGAGGNNNTGCATCAGGT	1877	TGCAGGACCAGAGAATTCGAATA CATTGGCCGGNNNTGCATCAGGT	2117
TGCAGGACCAGAGAATTCGAATA CATAAAAAGCNNNTGCATCAGGT	1638	TGCAGGACCAGAGAATTCGAATA CAGACGGTCCNNNTGCATCAGGT	1878	TGCAGGACCAGAGAATTCGAATA CAGAACTTTANNNTGCATCAGGT	2118
TGCAGGACCAGAGAATTCGAATA CATGCATCCTNNNTGCATCAGGT	1639	TGCAGGACCAGAGAATTCGAATA CACTACGACANNNTGCATCAGGT	1879	TGCAGGACCAGAGAATTCGAATA CACCAAAACCNNNTGCATCAGGT	2119
TGCAGGACCAGAGAATTCGAATA CACAGCCTGGNNNTGCATCAGGT	1640	TGCAGGACCAGAGAATTCGAATA CATGACTACGNNNTGCATCAGGT	1880	TGCAGGACCAGAGAATTCGAATA CAATACCAGCNNNTGCATCAGGT	2120
TGCAGGACCAGAGAATTCGAATA CACACACTAGNNNTGCATCAGGT	1641	TGCAGGACCAGAGAATTCGAATA CAGGACGTTTNNNTGCATCAGGT	1881	TGCAGGACCAGAGAATTCGAATA CAAGTAGAATNNNTGCATCAGGT	2121
TGCAGGACCAGAGAATTCGAATA CACGTATCCTNNNTGCATCAGGT	1642	TGCAGGACCAGAGAATTCGAATA CAAAGCCTCANNNTGCATCAGGT	1882	TGCAGGACCAGAGAATTCGAATA CAGTACTACGNNNTGCATCAGGT	2122
TGCAGGACCAGAGAATTCGAATA CATGGCTTAGNNNTGCATCAGGT	1643	TGCAGGACCAGAGAATTCGAATA CACTTTAAAGNNNTGCATCAGGT	1883	TGCAGGACCAGAGAATTCGAATA CATTCATGAANNNTGCATCAGGT	2123
TGCAGGACCAGAGAATTCGAATA CACTGTCATCNNNTGCATCAGGT	1644	TGCAGGACCAGAGAATTCGAATA CATTTGATTCNNNTGCATCAGGT	1884	TGCAGGACCAGAGAATTCGAATA CACCTAAGGTNNNTGCATCAGGT	2124
TGCAGGACCAGAGAATTCGAATA CATCCAGAACNNNTGCATCAGGT	1645	TGCAGGACCAGAGAATTCGAATA CACTGTATTTNNNTGCATCAGGT	1885	TGCAGGACCAGAGAATTCGAATA CAACAAAGGCNNNTGCATCAGGT	2125
TGCAGGACCAGAGAATTCGAATA CACGAGTACTNNNTGCATCAGGT	1646	TGCAGGACCAGAGAATTCGAATA CATTAATTGGNNNTGCATCAGGT	1886	TGCAGGACCAGAGAATTCGAATA CAGAGGCAGCNNNTGCATCAGGT	2126
TGCAGGACCAGAGAATTCGAATA CAGATCGAGANNNTGCATCAGGT	1647	TGCAGGACCAGAGAATTCGAATA CACAGAGTTCNNNTGCATCAGGT	1887	TGCAGGACCAGAGAATTCGAATA CACTACTCGTNNNTGCATCAGGT	2127
TGCAGGACCAGAGAATTCGAATA CAAGAATAACNNNTGCATCAGGT	1648	TGCAGGACCAGAGAATTCGAATA CAGCATCTAGNNNTGCATCAGGT	1888	TGCAGGACCAGAGAATTCGAATA CAGGTAGTGANNNTGCATCAGGT	2128
TGCAGGACCAGAGAATTCGAATA CAGCGCACCANNNTGCATCAGGT	1649	TGCAGGACCAGAGAATTCGAATA CATTGTCTATNNNTGCATCAGGT	1889	TGCAGGACCAGAGAATTCGAATA CACCACCACCNNNTGCATCAGGT	2129
TGCAGGACCAGAGAATTCGAATA CACAGCAACTNNNTGCATCAGGT	1650	TGCAGGACCAGAGAATTCGAATA CACATCCTGTNNNTGCATCAGGT	1890	TGCAGGACCAGAGAATTCGAATA CATGTGTGACNNNTGCATCAGGT	2130

FIG. 14H

Pool-7	SEQ ID NO:	Pool-8	SEQ ID NO:	Pool-9	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAGTGCCATANNNTGCATCAGGT	1651	TGCAGGACCAGAGAATTCGAATA CACATTCAAANNNTGCATCAGGT	1891	TGCAGGACCAGAGAATTCGAATA CACACCCTGCNNNTGCATCAGGT	2131
TGCAGGACCAGAGAATTCGAATA CAATCTATTCNNNTGCATCAGGT	1652	TGCAGGACCAGAGAATTCGAATA CAAAAGCCTCNNNTGCATCAGGT	1892	TGCAGGACCAGAGAATTCGAATA CATCGCCATTNNNTGCATCAGGT	2132
TGCAGGACCAGAGAATTCGAATA CAAGTATGTTNNNTGCATCAGGT	1653	TGCAGGACCAGAGAATTCGAATA CATGATCAATNNNTGCATCAGGT	1893	TGCAGGACCAGAGAATTCGAATA CAACTTCGCTNNNTGCATCAGGT	2133
TGCAGGACCAGAGAATTCGAATA CAGGTTCTTCNNNTGCATCAGGT	1654	TGCAGGACCAGAGAATTCGAATA CAATATGATCNNNTGCATCAGGT	1894	TGCAGGACCAGAGAATTCGAATA CATTGCTTTANNNTGCATCAGGT	2134
TGCAGGACCAGAGAATTCGAATA CATAGTGGCTNNNTGCATCAGGT	1655	TGCAGGACCAGAGAATTCGAATA CAGGACCGAGNNNTGCATCAGGT	1895	TGCAGGACCAGAGAATTCGAATA CAGCACGAGGNNNTGCATCAGGT	2135
TGCAGGACCAGAGAATTCGAATA CACCAACTTCNNNTGCATCAGGT	1656	TGCAGGACCAGAGAATTCGAATA CACCCCTAATNNNTGCATCAGGT	1896	TGCAGGACCAGAGAATTCGAATA CACGAATGTCNNNTGCATCAGGT	2136
TGCAGGACCAGAGAATTCGAATA CAAGTTCAATNNNTGCATCAGGT	1657	TGCAGGACCAGAGAATTCGAATA CACTCAAAGCNNNTGCATCAGGT	1897	TGCAGGACCAGAGAATTCGAATA CATGGCTAGTNNNTGCATCAGGT	2137
TGCAGGACCAGAGAATTCGAATA CATTGTTCGCNNNTGCATCAGGT	1658	TGCAGGACCAGAGAATTCGAATA CACTTCGTACNNNTGCATCAGGT	1898	TGCAGGACCAGAGAATTCGAATA CAGTGTTATANNNTGCATCAGGT	2138
TGCAGGACCAGAGAATTCGAATA CAGTCATGCANNNTGCATCAGGT	1659	TGCAGGACCAGAGAATTCGAATA CAATTGGCCANNNTGCATCAGGT	1899	TGCAGGACCAGAGAATTCGAATA CATTCCTTCCNNNTGCATCAGGT	2139
TGCAGGACCAGAGAATTCGAATA CACTGTAATANNNTGCATCAGGT	1660	TGCAGGACCAGAGAATTCGAATA CACGAAGGTANNNTGCATCAGGT	1900	TGCAGGACCAGAGAATTCGAATA CATCAACTAANNNTGCATCAGGT	2140
TGCAGGACCAGAGAATTCGAATA CATTCGGCCCNNNTGCATCAGGT	1661	TGCAGGACCAGAGAATTCGAATA CAGGCCTTGGNNNTGCATCAGGT	1901	TGCAGGACCAGAGAATTCGAATA CATTTACAAGNNNTGCATCAGGT	2141
TGCAGGACCAGAGAATTCGAATA CATCTCTCTCNNNTGCATCAGGT	1662	TGCAGGACCAGAGAATTCGAATA CAACAATATCNNNTGCATCAGGT	1902	TGCAGGACCAGAGAATTCGAATA CATCCTGCCGNNNTGCATCAGGT	2142
TGCAGGACCAGAGAATTCGAATA CACTTCGCGCNNNTGCATCAGGT	1663	TGCAGGACCAGAGAATTCGAATA CATCACAACGNNNTGCATCAGGT	1903	TGCAGGACCAGAGAATTCGAATA CATCGGCTAANNNTGCATCAGGT	2143
TGCAGGACCAGAGAATTCGAATA CAACAGATTTNNNTGCATCAGGT	1664	TGCAGGACCAGAGAATTCGAATA CAACTGTACGNNNTGCATCAGGT	1904	TGCAGGACCAGAGAATTCGAATA CAAGGAGCATNNNTGCATCAGGT	2144
TGCAGGACCAGAGAATTCGAATA CACAGACAAGNNNTGCATCAGGT	1665	TGCAGGACCAGAGAATTCGAATA CATCTCAATTNNNTGCATCAGGT	1905	TGCAGGACCAGAGAATTCGAATA CAGGAATACGNNNTGCATCAGGT	2145
TGCAGGACCAGAGAATTCGAATA CACAGCTACANNNTGCATCAGGT	1666	TGCAGGACCAGAGAATTCGAATA CAAGGCTCTANNNTGCATCAGGT	1906	TGCAGGACCAGAGAATTCGAATA CATGAGACGANNNTGCATCAGGT	2146
TGCAGGACCAGAGAATTCGAATA CAGACCGAGGNNNTGCATCAGGT	1667	TGCAGGACCAGAGAATTCGAATA CACCTTACCANNNTGCATCAGGT	1907	TGCAGGACCAGAGAATTCGAATA CACCACCAGGNNNTGCATCAGGT	2147
TGCAGGACCAGAGAATTCGAATA CACCTATAAANNNTGCATCAGGT	1668	TGCAGGACCAGAGAATTCGAATA CAGATTCCTCNNNTGCATCAGGT	1908	TGCAGGACCAGAGAATTCGAATA CAAGCTCATGNNNTGCATCAGGT	2148
TGCAGGACCAGAGAATTCGAATA CACCTAACCTNNNTGCATCAGGT	1669	TGCAGGACCAGAGAATTCGAATA CATGCCTGTTNNNTGCATCAGGT	1909	TGCAGGACCAGAGAATTCGAATA CATATACCGGNNNTGCATCAGGT	2149
TGCAGGACCAGAGAATTCGAATA CATTTAGCGGNNNTGCATCAGGT	1670	TGCAGGACCAGAGAATTCGAATA CATCACCAAGNNNTGCATCAGGT	1910	TGCAGGACCAGAGAATTCGAATA CAGATGCCATNNNTGCATCAGGT	2150
TGCAGGACCAGAGAATTCGAATA CATAAACCATNNNTGCATCAGGT	1671	TGCAGGACCAGAGAATTCGAATA CACTTCCGGCNNNTGCATCAGGT	1911	TGCAGGACCAGAGAATTCGAATA CATTGAGCTGNNNTGCATCAGGT	2151
TGCAGGACCAGAGAATTCGAATA CAGCTAACTGNNNTGCATCAGGT	1672	TGCAGGACCAGAGAATTCGAATA CAAAACGCAGNNNTGCATCAGGT	1912	TGCAGGACCAGAGAATTCGAATA CATAAATGGANNNTGCATCAGGT	2152
TGCAGGACCAGAGAATTCGAATA CAGTACAGAGNNNTGCATCAGGT	1673	TGCAGGACCAGAGAATTCGAATA CACGCATTCTNNNTGCATCAGGT	1913	TGCAGGACCAGAGAATTCGAATA CAACATGAAANNNTGCATCAGGT	2153
TGCAGGACCAGAGAATTCGAATA CACCGGACCANNNTGCATCAGGT	1674	TGCAGGACCAGAGAATTCGAATA CACGCCTATTNNNTGCATCAGGT	1914	TGCAGGACCAGAGAATTCGAATA CACTCGGAGCNNNTGCATCAGGT	2154
TGCAGGACCAGAGAATTCGAATA CACCTCTAGTNNNTGCATCAGGT	1675	TGCAGGACCAGAGAATTCGAATA CATCATCATTNNNTGCATCAGGT	1915	TGCAGGACCAGAGAATTCGAATA CAGTTTCCTGNNNTGCATCAGGT	2155
TGCAGGACCAGAGAATTCGAATA CAGCCCCTGTNNNTGCATCAGGT	1676	TGCAGGACCAGAGAATTCGAATA CAAATTCAGTNNNTGCATCAGGT	1916	TGCAGGACCAGAGAATTCGAATA CACAACATGCNNNTGCATCAGGT	2156
TGCAGGACCAGAGAATTCGAATA CACGGACTGCNNNTGCATCAGGT	1677	TGCAGGACCAGAGAATTCGAATA CAATTCTCGCNNNTGCATCAGGT	1917	TGCAGGACCAGAGAATTCGAATA CATGGTGCGCNNNTGCATCAGGT	2157
TGCAGGACCAGAGAATTCGAATA CACCCTCTGGNNNTGCATCAGGT	1678	TGCAGGACCAGAGAATTCGAATA CAATAGAGTANNNTGCATCAGGT	1918	TGCAGGACCAGAGAATTCGAATA CATACGGAGANNNTGCATCAGGT	2158
TGCAGGACCAGAGAATTCGAATA CAACCAAGTCNNNTGCATCAGGT	1679	TGCAGGACCAGAGAATTCGAATA CAGAGCGGACNNNTGCATCAGGT	1919	TGCAGGACCAGAGAATTCGAATA CAGGCGTGGANNNTGCATCAGGT	2159

FIG. 14I

Pool-7	SEQ ID NO:	Pool-8	SEQ ID NO:	Pool-9	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAGCGTGGTCNNNTGCATCAGGT	1680	TGCAGGACCAGAGAATTCGAATA CAACTTTTACNNNTGCATCAGGT	1920	TGCAGGACCAGAGAATTCGAATA CATCTAACGGNNNTGCATCAGGT	2160
TGCAGGACCAGAGAATTCGAATA CACCGACGCANNNTGCATCAGGT	1681	TGCAGGACCAGAGAATTCGAATA CAAGTCAAAANNNTGCATCAGGT	1921	TGCAGGACCAGAGAATTCGAATA CATATAGCATNNNTGCATCAGGT	2161
TGCAGGACCAGAGAATTCGAATA CATTACCGGANNNTGCATCAGGT	1682	TGCAGGACCAGAGAATTCGAATA CATCTAGACGNNNTGCATCAGGT	1922	TGCAGGACCAGAGAATTCGAATA CACGCTCCGTNNNTGCATCAGGT	2162
TGCAGGACCAGAGAATTCGAATA CATCTTTGCGNNNTGCATCAGGT	1683	TGCAGGACCAGAGAATTCGAATA CACAAATGTTNNNTGCATCAGGT	1923	TGCAGGACCAGAGAATTCGAATA CAATACATGTNNNTGCATCAGGT	2163
TGCAGGACCAGAGAATTCGAATA CACACAATTANNNTGCATCAGGT	1684	TGCAGGACCAGAGAATTCGAATA CATGGCTTTCNNNTGCATCAGGT	1924	TGCAGGACCAGAGAATTCGAATA CAGGCTCGCANNNTGCATCAGGT	2164
TGCAGGACCAGAGAATTCGAATA CACCTACATCNNNTGCATCAGGT	1685	TGCAGGACCAGAGAATTCGAATA CAAGGCTGTTNNNTGCATCAGGT	1925	TGCAGGACCAGAGAATTCGAATA CAGTTTAGTANNNTGCATCAGGT	2165
TGCAGGACCAGAGAATTCGAATA CAATTACTGANNNTGCATCAGGT	1686	TGCAGGACCAGAGAATTCGAATA CAAACTATTGNNNTGCATCAGGT	1926	TGCAGGACCAGAGAATTCGAATA CACTGAAATTNNNTGCATCAGGT	2166
TGCAGGACCAGAGAATTCGAATA CATTTTTCGANNNTGCATCAGGT	1687	TGCAGGACCAGAGAATTCGAATA CAATGTATTGNNNTGCATCAGGT	1927	TGCAGGACCAGAGAATTCGAATA CAAACACCTGNNNTGCATCAGGT	2167
TGCAGGACCAGAGAATTCGAATA CAAGGTGCTTNNNTGCATCAGGT	1688	TGCAGGACCAGAGAATTCGAATA CACGTCGGCANNNTGCATCAGGT	1928	TGCAGGACCAGAGAATTCGAATA CAGGAAAACCNNNTGCATCAGGT	2168

FIG. 15A

Pool-10	SEQ ID NO:	Pool-11	SEQ ID NO:	Pool-12	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAG CTTCTCANNNACGTATGCCA	2169	TGCAGGACCAGAGAATTCGAATACAA TACGTATNNNACGTATGCCA	2409	TGCAGGACCAGAGAATTCGAATACAT TGAGAAANNNACGTATGCCA	2649
TGCAGGACCAGAGAATTCGAATACAA TGCTACGNNNACGTATGCCA	2170	TGCAGGACCAGAGAATTCGAATACAA ACTAGCCNNNACGTATGCCA	2410	TGCAGGACCAGAGAATTCGAATACAA ATATCCANNNACGTATGCCA	2650
TGCAGGACCAGAGAATTCGAATACAT ACTCTCGNNNACGTATGCCA	2171	TGCAGGACCAGAGAATTCGAATACAC GGATTACNNNACGTATGCCA	2411	TGCAGGACCAGAGAATTCGAATACAA TGGACCTNNNACGTATGCCA	2651
TGCAGGACCAGAGAATTCGAATACAC GGTCGCANNNACGTATGCCA	2172	TGCAGGACCAGAGAATTCGAATACAG GACGCCTNNNACGTATGCCA	2412	TGCAGGACCAGAGAATTCGAATACAG GCATACTNNNACGTATGCCA	2652
TGCAGGACCAGAGAATTCGAATACAA CGGTTACNNNACGTATGCCA	2173	TGCAGGACCAGAGAATTCGAATACAC GTTAAATNNNACGTATGCCA	2413	TGCAGGACCAGAGAATTCGAATACAC TAAAAAGNNNACGTATGCCA	2653
TGCAGGACCAGAGAATTCGAATACAT AGCACACNNNACGTATGCCA	2174	TGCAGGACCAGAGAATTCGAATACAG GCTAGTTNNNACGTATGCCA	2414	TGCAGGACCAGAGAATTCGAATACAA TACATACNNNACGTATGCCA	2654
TGCAGGACCAGAGAATTCGAATACAC GTCTCTANNNACGTATGCCA	2175	TGCAGGACCAGAGAATTCGAATACAT CAGAAGGNNNACGTATGCCA	2415	TGCAGGACCAGAGAATTCGAATACAT ATGGCCANNNACGTATGCCA	2655
TGCAGGACCAGAGAATTCGAATACAG CTCCGCTNNNACGTATGCCA	2176	TGCAGGACCAGAGAATTCGAATACAA CCAACTGNNNACGTATGCCA	2416	TGCAGGACCAGAGAATTCGAATACAA TGATGCCNNNACGTATGCCA	2656
TGCAGGACCAGAGAATTCGAATACAG TGGCACCNNNACGTATGCCA	2177	TGCAGGACCAGAGAATTCGAATACAT CGACAACNNNACGTATGCCA	2417	TGCAGGACCAGAGAATTCGAATACAA GGTAGGTNNNACGTATGCCA	2657
TGCAGGACCAGAGAATTCGAATACAG CACTATGNNNACGTATGCCA	2178	TGCAGGACCAGAGAATTCGAATACAG TCGTACANNNACGTATGCCA	2418	TGCAGGACCAGAGAATTCGAATACAT CCCTAGTNNNACGTATGCCA	2658
TGCAGGACCAGAGAATTCGAATACAA ATAACGANNNACGTATGCCA	2179	TGCAGGACCAGAGAATTCGAATACAG CCAGAGGNNNACGTATGCCA	2419	TGCAGGACCAGAGAATTCGAATACAG TATTTGANNNACGTATGCCA	2659
TGCAGGACCAGAGAATTCGAATACAG GTATAGGNNNACGTATGCCA	2180	TGCAGGACCAGAGAATTCGAATACAC ATAGTATNNNACGTATGCCA	2420	TGCAGGACCAGAGAATTCGAATACAA GTGAATANNNACGTATGCCA	2660
TGCAGGACCAGAGAATTCGAATACAA GAACCCTNNNACGTATGCCA	2181	TGCAGGACCAGAGAATTCGAATACAT AAATGTCNNNACGTATGCCA	2421	TGCAGGACCAGAGAATTCGAATACAA ATCGCACNNNACGTATGCCA	2661
TGCAGGACCAGAGAATTCGAATACAG CCGCGTANNNACGTATGCCA	2182	TGCAGGACCAGAGAATTCGAATACAG CGTCGGTNNNACGTATGCCA	2422	TGCAGGACCAGAGAATTCGAATACAG TCCCCCANNNACGTATGCCA	2662
TGCAGGACCAGAGAATTCGAATACAT TCCCTGANNNACGTATGCCA	2183	TGCAGGACCAGAGAATTCGAATACAT TTGAACANNNACGTATGCCA	2423	TGCAGGACCAGAGAATTCGAATACAG CCCACTCNNNACGTATGCCA	2663
TGCAGGACCAGAGAATTCGAATACAA TGGCATCNNNACGTATGCCA	2184	TGCAGGACCAGAGAATTCGAATACAT AACTATGNNNACGTATGCCA	2424	TGCAGGACCAGAGAATTCGAATACAG AGATATANNNACGTATGCCA	2664
TGCAGGACCAGAGAATTCGAATACAA AGGATCGNNNACGTATGCCA	2185	TGCAGGACCAGAGAATTCGAATACAT CAGATGCNNNACGTATGCCA	2425	TGCAGGACCAGAGAATTCGAATACAG CACTACANNNACGTATGCCA	2665
TGCAGGACCAGAGAATTCGAATACAG TGCATCANNNACGTATGCCA	2186	TGCAGGACCAGAGAATTCGAATACAC TCAACAGNNNACGTATGCCA	2426	TGCAGGACCAGAGAATTCGAATACAA CTTTGCCNNNACGTATGCCA	2666
TGCAGGACCAGAGAATTCGAATACAG TCGTCTTNNNACGTATGCCA	2187	TGCAGGACCAGAGAATTCGAATACAA TAAAGTGNNNACGTATGCCA	2427	TGCAGGACCAGAGAATTCGAATACAC TGAGGCCNNNACGTATGCCA	2667
TGCAGGACCAGAGAATTCGAATACAC TTGAGGTNNNACGTATGCCA	2188	TGCAGGACCAGAGAATTCGAATACAA GAGCAGTNNNACGTATGCCA	2428	TGCAGGACCAGAGAATTCGAATACAA AGTAGGCNNNACGTATGCCA	2668
TGCAGGACCAGAGAATTCGAATACAT ACATCAANNNACGTATGCCA	2189	TGCAGGACCAGAGAATTCGAATACAT ATGTCTTNNNACGTATGCCA	2429	TGCAGGACCAGAGAATTCGAATACAG CTTCTACNNNACGTATGCCA	2669
TGCAGGACCAGAGAATTCGAATACAC CGAACCGNNNACGTATGCCA	2190	TGCAGGACCAGAGAATTCGAATACAG CAGAGATNNNACGTATGCCA	2430	TGCAGGACCAGAGAATTCGAATACAT GGAGGATNNNACGTATGCCA	2670
TGCAGGACCAGAGAATTCGAATACAC CCACACCNNNACGTATGCCA	2191	TGCAGGACCAGAGAATTCGAATACAT CTCACCANNNACGTATGCCA	2431	TGCAGGACCAGAGAATTCGAATACAG CTAACCANNNACGTATGCCA	2671
TGCAGGACCAGAGAATTCGAATACAA CGTAAAANNNACGTATGCCA	2192	TGCAGGACCAGAGAATTCGAATACAC CCCTTGGNNNACGTATGCCA	2432	TGCAGGACCAGAGAATTCGAATACAA CCCTTACNNNACGTATGCCA	2672
TGCAGGACCAGAGAATTCGAATACAG TAGAGTGNNNACGTATGCCA	2193	TGCAGGACCAGAGAATTCGAATACAC AGTGGCCNNNACGTATGCCA	2433	TGCAGGACCAGAGAATTCGAATACAG TCTTCTGNNNACGTATGCCA	2673
TGCAGGACCAGAGAATTCGAATACAC CACATAGNNNACGTATGCCA	2194	TGCAGGACCAGAGAATTCGAATACAC TGATCGANNNACGTATGCCA	2434	TGCAGGACCAGAGAATTCGAATACAC GGAGCCTNNNACGTATGCCA	2674
TGCAGGACCAGAGAATTCGAATACAT CTGTGCTNNNACGTATGCCA	2195	TGCAGGACCAGAGAATTCGAATACAT GGTACGTNNNACGTATGCCA	2435	TGCAGGACCAGAGAATTCGAATACAC CTGATGANNNACGTATGCCA	2675
TGCAGGACCAGAGAATTCGAATACAT AGTACATNNNACGTATGCCA	2196	TGCAGGACCAGAGAATTCGAATACAG TACGGCCNNNACGTATGCCA	2436	TGCAGGACCAGAGAATTCGAATACAT CGATACGNNNACGTATGCCA	2676
TGCAGGACCAGAGAATTCGAATACAC CGGACACNNNACGTATGCCA	2197	TGCAGGACCAGAGAATTCGAATACAC CATGCGGNNNACGTATGCCA	2437	TGCAGGACCAGAGAATTCGAATACAA AGAATGTNNNACGTATGCCA	2677
TGCAGGACCAGAGAATTCGAATACAG TAAGCTCNNNACGTATGCCA	2198	TGCAGGACCAGAGAATTCGAATACAC AAGTAGGNNNACGTATGCCA	2438	TGCAGGACCAGAGAATTCGAATACAT GCGCTCCNNNACGTATGCCA	2678
TGCAGGACCAGAGAATTCGAATACAA CTTGGTGNNNACGTATGCCA	2199	TGCAGGACCAGAGAATTCGAATACAC ATCAAATNNNACGTATGCCA	2439	TGCAGGACCAGAGAATTCGAATACAA AGTCATTNNNACGTATGCCA	2679
TGCAGGACCAGAGAATTCGAATACAC GACCTGGNNNACGTATGCCA	2200	TGCAGGACCAGAGAATTCGAATACAG ACTGGTTNNNACGTATGCCA	2440	TGCAGGACCAGAGAATTCGAATACAT GTAATGTNNNACGTATGCCA	2680

FIG. 15B

Pool-10	SEQ ID NO:	Pool-11	SEQ ID NO:	Pool-12	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAT GAGGATGNNNACGTATGCCA	2201	TGCAGGACCAGAGAATTCGAATACAG CAAATTTNNNACGTATGCCA	2441	TGCAGGACCAGAGAATTCGAATACAA TCTACCCNNNACGTATGCCA	2681
TGCAGGACCAGAGAATTCGAATACAC TCGTGCCNNNACGTATGCCA	2202	TGCAGGACCAGAGAATTCGAATACAT TAGTGTANNNACGTATGCCA	2442	TGCAGGACCAGAGAATTCGAATACAT GCCACAANNNACGTATGCCA	2682
TGCAGGACCAGAGAATTCGAATACAT TGCTCGTNNNACGTATGCCA	2203	TGCAGGACCAGAGAATTCGAATACAG ATGAAATNNNACGTATGCCA	2443	TGCAGGACCAGAGAATTCGAATACAG AGTGTTCNNNACGTATGCCA	2683
TGCAGGACCAGAGAATTCGAATACAA CACTGACNNNACGTATGCCA	2204	TGCAGGACCAGAGAATTCGAATACAT TGCCGAANNNACGTATGCCA	2444	TGCAGGACCAGAGAATTCGAATACAA ACAGCCTNNNACGTATGCCA	2684
TGCAGGACCAGAGAATTCGAATACAG TTGGTACNNNACGTATGCCA	2205	TGCAGGACCAGAGAATTCGAATACAT CCTCCTTNNNACGTATGCCA	2445	TGCAGGACCAGAGAATTCGAATACAG GACGACGNNNACGTATGCCA	2685
TGCAGGACCAGAGAATTCGAATACAT TCAGTCCNNNACGTATGCCA	2206	TGCAGGACCAGAGAATTCGAATACAC CCCATTANNNACGTATGCCA	2446	TGCAGGACCAGAGAATTCGAATACAA TTCCGGANNNACGTATGCCA	2686
TGCAGGACCAGAGAATTCGAATACAG TAACAAANNNACGTATGCCA	2207	TGCAGGACCAGAGAATTCGAATACAG TTTGTTTNNNACGTATGCCA	2447	TGCAGGACCAGAGAATTCGAATACAG GTCTCAANNNACGTATGCCA	2687
TGCAGGACCAGAGAATTCGAATACAC AACTGGTNNNACGTATGCCA	2208	TGCAGGACCAGAGAATTCGAATACAT ATCCCGTNNNACGTATGCCA	2448	TGCAGGACCAGAGAATTCGAATACAC ACCATGANNNACGTATGCCA	2688
TGCAGGACCAGAGAATTCGAATACAT GGATACCNNNACGTATGCCA	2209	TGCAGGACCAGAGAATTCGAATACAT TCGGTGANNNACGTATGCCA	2449	TGCAGGACCAGAGAATTCGAATACAC AAACGGANNNACGTATGCCA	2689
TGCAGGACCAGAGAATTCGAATACAA TGCACCANNNACGTATGCCA	2210	TGCAGGACCAGAGAATTCGAATACAC GTAAGGANNNACGTATGCCA	2450	TGCAGGACCAGAGAATTCGAATACAA GAGCGTANNNACGTATGCCA	2690
TGCAGGACCAGAGAATTCGAATACAA CTCCTTGNNNACGTATGCCA	2211	TGCAGGACCAGAGAATTCGAATACAC TTTCTTTNNNACGTATGCCA	2451	TGCAGGACCAGAGAATTCGAATACAC CCCTGACNNNACGTATGCCA	2691
TGCAGGACCAGAGAATTCGAATACAA ATAGTTCNNNACGTATGCCA	2212	TGCAGGACCAGAGAATTCGAATACAG ACTTTTTNNNACGTATGCCA	2452	TGCAGGACCAGAGAATTCGAATACAC CAAGTTGNNNACGTATGCCA	2692
TGCAGGACCAGAGAATTCGAATACAT GAGAGCANNNACGTATGCCA	2213	TGCAGGACCAGAGAATTCGAATACAG GTTAAGGNNNACGTATGCCA	2453	TGCAGGACCAGAGAATTCGAATACAT GTGTAATNNNACGTATGCCA	2693
TGCAGGACCAGAGAATTCGAATACAT CACCCCGNNNACGTATGCCA	2214	TGCAGGACCAGAGAATTCGAATACAA TCACGGTNNNACGTATGCCA	2454	TGCAGGACCAGAGAATTCGAATACAA TTTGTGANNNACGTATGCCA	2694
TGCAGGACCAGAGAATTCGAATACAT AATGGAANNNACGTATGCCA	2215	TGCAGGACCAGAGAATTCGAATACAC ATTTAGANNNACGTATGCCA	2455	TGCAGGACCAGAGAATTCGAATACAG TAGCGTTNNNACGTATGCCA	2695
TGCAGGACCAGAGAATTCGAATACAT CCAAATANNNACGTATGCCA	2216	TGCAGGACCAGAGAATTCGAATACAC ACGCGCANNNACGTATGCCA	2456	TGCAGGACCAGAGAATTCGAATACAC ACGTGATNNNACGTATGCCA	2696
TGCAGGACCAGAGAATTCGAATACAG AGGCTCCNNNACGTATGCCA	2217	TGCAGGACCAGAGAATTCGAATACAC TGAATCGNNNACGTATGCCA	2457	TGCAGGACCAGAGAATTCGAATACAA ACAGCGANNNACGTATGCCA	2697
TGCAGGACCAGAGAATTCGAATACAT CCGCGTCNNNACGTATGCCA	2218	TGCAGGACCAGAGAATTCGAATACAT TGTGTAANNNACGTATGCCA	2458	TGCAGGACCAGAGAATTCGAATACAA AATGCGGNNNACGTATGCCA	2698
TGCAGGACCAGAGAATTCGAATACAG CATTGCANNNACGTATGCCA	2219	TGCAGGACCAGAGAATTCGAATACAC CGCGTGANNNACGTATGCCA	2459	TGCAGGACCAGAGAATTCGAATACAT ACCAAGCNNNACGTATGCCA	2699
TGCAGGACCAGAGAATTCGAATACAC CCCTTAANNNACGTATGCCA	2220	TGCAGGACCAGAGAATTCGAATACAA ACCAAGGNNNACGTATGCCA	2460	TGCAGGACCAGAGAATTCGAATACAC GACCCTCNNNACGTATGCCA	2700
TGCAGGACCAGAGAATTCGAATACAG ACCGCCANNNACGTATGCCA	2221	TGCAGGACCAGAGAATTCGAATACAT CGTTTGCNNNACGTATGCCA	2461	TGCAGGACCAGAGAATTCGAATACAA CACCCTTNNNACGTATGCCA	2701
TGCAGGACCAGAGAATTCGAATACAG ATCTGACNNNACGTATGCCA	2222	TGCAGGACCAGAGAATTCGAATACAC TATTCGCNNNACGTATGCCA	2462	TGCAGGACCAGAGAATTCGAATACAC TGTCGCCNNNACGTATGCCA	2702
TGCAGGACCAGAGAATTCGAATACAG CATGTTGNNNACGTATGCCA	2223	TGCAGGACCAGAGAATTCGAATACAA ACAGATANNNACGTATGCCA	2463	TGCAGGACCAGAGAATTCGAATACAA GCCGCCANNNACGTATGCCA	2703
TGCAGGACCAGAGAATTCGAATACAT AGCACGTNNNACGTATGCCA	2224	TGCAGGACCAGAGAATTCGAATACAC TATTATCNNNACGTATGCCA	2464	TGCAGGACCAGAGAATTCGAATACAT GTACAATNNNACGTATGCCA	2704
TGCAGGACCAGAGAATTCGAATACAG GTCCAATNNNACGTATGCCA	2225	TGCAGGACCAGAGAATTCGAATACAT CCCAATCNNNACGTATGCCA	2465	TGCAGGACCAGAGAATTCGAATACAG ATCTACGNNNACGTATGCCA	2705
TGCAGGACCAGAGAATTCGAATACAA CCCTCTANNNACGTATGCCA	2226	TGCAGGACCAGAGAATTCGAATACAC TAAAGTTNNNACGTATGCCA	2466	TGCAGGACCAGAGAATTCGAATACAC CAGTCTTNNNACGTATGCCA	2706
TGCAGGACCAGAGAATTCGAATACAT TACGACGNNNACGTATGCCA	2227	TGCAGGACCAGAGAATTCGAATACAA GCTAATTNNNACGTATGCCA	2467	TGCAGGACCAGAGAATTCGAATACAG CTGCAATNNNACGTATGCCA	2707
TGCAGGACCAGAGAATTCGAATACAC ATATCGGNNNACGTATGCCA	2228	TGCAGGACCAGAGAATTCGAATACAT TGTTATCNNNACGTATGCCA	2468	TGCAGGACCAGAGAATTCGAATACAG AAGAGTCNNNACGTATGCCA	2708
TGCAGGACCAGAGAATTCGAATACAG CGATATCNNNCTAGCGTTAC	2229	TGCAGGACCAGAGAATTCGAATACAT AGTACGCNNNCTAGCGTTAC	2469	TGCAGGACCAGAGAATTCGAATACAA CAACTCGNNNCTAGCGTTAC	2709
TGCAGGACCAGAGAATTCGAATACAT ACGAGGANNNCTAGCGTTAC	2230	TGCAGGACCAGAGAATTCGAATACAC AGGCTATNNNCTAGCGTTAC	2470	TGCAGGACCAGAGAATTCGAATACAT GCGCAATNNNCTAGCGTTAC	2710
TGCAGGACCAGAGAATTCGAATACAT CTTACATNNNCTAGCGTTAC	2231	TGCAGGACCAGAGAATTCGAATACAC ATTAGTANNNCTAGCGTTAC	2471	TGCAGGACCAGAGAATTCGAATACAT AAGAACANNNCTAGCGTTAC	2711
TGCAGGACCAGAGAATTCGAATACAG CGTCTCCNNNCTAGCGTTAC	2232	TGCAGGACCAGAGAATTCGAATACAC CTCTAACNNNCTAGCGTTAC	2472	TGCAGGACCAGAGAATTCGAATACAC GCTTGCCNNNCTAGCGTTAC	2712

FIG. 15C

Pool-10	SEQ ID NO:	Pool-11	SEQ ID NO:	Pool-12	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAT AATCCGGNNNCTAGCGTTAC	2233	TGCAGGACCAGAGAATTCGAATACAT AGTGTCGNNNCTAGCGTTAC	2473	TGCAGGACCAGAGAATTCGAATACAT TACACGGNNNCTAGCGTTAC	2713
TGCAGGACCAGAGAATTCGAATACAC AGCATACNNNCTAGCGTTAC	2234	TGCAGGACCAGAGAATTCGAATACAC GCAGAGGNNNCTAGCGTTAC	2474	TGCAGGACCAGAGAATTCGAATACAC TCCACCGNNNCTAGCGTTAC	2714
TGCAGGACCAGAGAATTCGAATACAG TTCTCCANNNCTAGCGTTAC	2235	TGCAGGACCAGAGAATTCGAATACAG CGGTTCGNNNCTAGCGTTAC	2475	TGCAGGACCAGAGAATTCGAATACAC GACCCAGNNNCTAGCGTTAC	2715
TGCAGGACCAGAGAATTCGAATACAA GTTCCTCNNNCTAGCGTTAC	2236	TGCAGGACCAGAGAATTCGAATACAC CAGAGTTNNNCTAGCGTTAC	2476	TGCAGGACCAGAGAATTCGAATACAC GGTCAGCNNNCTAGCGTTAC	2716
TGCAGGACCAGAGAATTCGAATACAA AATCGAANNNCTAGCGTTAC	2237	TGCAGGACCAGAGAATTCGAATACAT GATGAAANNNCTAGCGTTAC	2477	TGCAGGACCAGAGAATTCGAATACAC ACTATCCNNNCTAGCGTTAC	2717
TGCAGGACCAGAGAATTCGAATACAA GATTATCNNNCTAGCGTTAC	2238	TGCAGGACCAGAGAATTCGAATACAG GTGAATGNNNCTAGCGTTAC	2478	TGCAGGACCAGAGAATTCGAATACAC TAGTCTCNNNCTAGCGTTAC	2718
TGCAGGACCAGAGAATTCGAATACAG TTTCACCNNNCTAGCGTTAC	2239	TGCAGGACCAGAGAATTCGAATACAG TATGTGCNNNCTAGCGTTAC	2479	TGCAGGACCAGAGAATTCGAATACAT ACCTTCGNNNCTAGCGTTAC	2719
TGCAGGACCAGAGAATTCGAATACAA TTACATGNNNCTAGCGTTAC	2240	TGCAGGACCAGAGAATTCGAATACAA ATACTACNNNCTAGCGTTAC	2480	TGCAGGACCAGAGAATTCGAATACAA ACCAGAGNNNCTAGCGTTAC	2720
TGCAGGACCAGAGAATTCGAATACAA CCATCCTNNNCTAGCGTTAC	2241	TGCAGGACCAGAGAATTCGAATACAT TCGGATGNNNCTAGCGTTAC	2481	TGCAGGACCAGAGAATTCGAATACAT GACTCGANNNCTAGCGTTAC	2721
TGCAGGACCAGAGAATTCGAATACAC AGACTACNNNCTAGCGTTAC	2242	TGCAGGACCAGAGAATTCGAATACAT ACATTAGNNNCTAGCGTTAC	2482	TGCAGGACCAGAGAATTCGAATACAA CCCAGATNNNCTAGCGTTAC	2722
TGCAGGACCAGAGAATTCGAATACAC ATTGGTGNNNCTAGCGTTAC	2243	TGCAGGACCAGAGAATTCGAATACAT GGCCCGANNNCTAGCGTTAC	2483	TGCAGGACCAGAGAATTCGAATACAT GCGCTTTNNNCTAGCGTTAC	2723
TGCAGGACCAGAGAATTCGAATACAG AGACCTTNNNCTAGCGTTAC	2244	TGCAGGACCAGAGAATTCGAATACAG TTGAGTCNNNCTAGCGTTAC	2484	TGCAGGACCAGAGAATTCGAATACAG GAGGACCNNNCTAGCGTTAC	2724
TGCAGGACCAGAGAATTCGAATACAT CAGGCCGNNNCTAGCGTTAC	2245	TGCAGGACCAGAGAATTCGAATACAG TTAGCACNNNCTAGCGTTAC	2485	TGCAGGACCAGAGAATTCGAATACAT CGTCCATNNNCTAGCGTTAC	2725
TGCAGGACCAGAGAATTCGAATACAC AACACACNNNCTAGCGTTAC	2246	TGCAGGACCAGAGAATTCGAATACAA GTTCCCTNNNCTAGCGTTAC	2486	TGCAGGACCAGAGAATTCGAATACAC GACCTCCNNNCTAGCGTTAC	2726
TGCAGGACCAGAGAATTCGAATACAC GACGTCGNNNCTAGCGTTAC	2247	TGCAGGACCAGAGAATTCGAATACAC ATGGAGANNNCTAGCGTTAC	2487	TGCAGGACCAGAGAATTCGAATACAA GATTCCGNNNCTAGCGTTAC	2727
TGCAGGACCAGAGAATTCGAATACAT AGACTATNNNCTAGCGTTAC	2248	TGCAGGACCAGAGAATTCGAATACAA ATCGTCGNNNCTAGCGTTAC	2488	TGCAGGACCAGAGAATTCGAATACAA CTCGAACNNNCTAGCGTTAC	2728
TGCAGGACCAGAGAATTCGAATACAC CGAGAAANNNCTAGCGTTAC	2249	TGCAGGACCAGAGAATTCGAATACAA CTCGCAANNNCTAGCGTTAC	2489	TGCAGGACCAGAGAATTCGAATACAA GACGATGNNNCTAGCGTTAC	2729
TGCAGGACCAGAGAATTCGAATACAT TCCATATNNNCTAGCGTTAC	2250	TGCAGGACCAGAGAATTCGAATACAT CAGCCTTNNNCTAGCGTTAC	2490	TGCAGGACCAGAGAATTCGAATACAG AACTTATNNNCTAGCGTTAC	2730
TGCAGGACCAGAGAATTCGAATACAG CCATGATNNNCTAGCGTTAC	2251	TGCAGGACCAGAGAATTCGAATACAT TGCCTCANNNCTAGCGTTAC	2491	TGCAGGACCAGAGAATTCGAATACAA CCAGCGCNNNCTAGCGTTAC	2731
TGCAGGACCAGAGAATTCGAATACAG GCGACGANNNCTAGCGTTAC	2252	TGCAGGACCAGAGAATTCGAATACAG GACCCACNNNCTAGCGTTAC	2492	TGCAGGACCAGAGAATTCGAATACAT ACCTCTGNNNCTAGCGTTAC	2732
TGCAGGACCAGAGAATTCGAATACAC CCAGTAANNNCTAGCGTTAC	2253	TGCAGGACCAGAGAATTCGAATACAT TCTCCAGNNNCTAGCGTTAC	2493	TGCAGGACCAGAGAATTCGAATACAC GGAGCGANNNCTAGCGTTAC	2733
TGCAGGACCAGAGAATTCGAATACAC TCAAACGNNNCTAGCGTTAC	2254	TGCAGGACCAGAGAATTCGAATACAG TCCTCGCNNNCTAGCGTTAC	2494	TGCAGGACCAGAGAATTCGAATACAA CCGGAAANNNCTAGCGTTAC	2734
TGCAGGACCAGAGAATTCGAATACAC AGATCTGNNNCTAGCGTTAC	2255	TGCAGGACCAGAGAATTCGAATACAA ATAGTCTNNNCTAGCGTTAC	2495	TGCAGGACCAGAGAATTCGAATACAG GATCGCCNNNCTAGCGTTAC	2735
TGCAGGACCAGAGAATTCGAATACAA GAAAATCNNNCTAGCGTTAC	2256	TGCAGGACCAGAGAATTCGAATACAG CTGGATTNNNCTAGCGTTAC	2496	TGCAGGACCAGAGAATTCGAATACAA TCAGCACNNNCTAGCGTTAC	2736
TGCAGGACCAGAGAATTCGAATACAA TCTTTCANNNCTAGCGTTAC	2257	TGCAGGACCAGAGAATTCGAATACAT TCGTCACNNNCTAGCGTTAC	2497	TGCAGGACCAGAGAATTCGAATACAA ACTCTCCNNNCTAGCGTTAC	2737
TGCAGGACCAGAGAATTCGAATACAC CCATCTANNNCTAGCGTTAC	2258	TGCAGGACCAGAGAATTCGAATACAA TTATGACNNNCTAGCGTTAC	2498	TGCAGGACCAGAGAATTCGAATACAT ATGAGTTNNNCTAGCGTTAC	2738
TGCAGGACCAGAGAATTCGAATACAC TAAGGTCNNNCTAGCGTTAC	2259	TGCAGGACCAGAGAATTCGAATACAT TTTAGAGNNNCTAGCGTTAC	2499	TGCAGGACCAGAGAATTCGAATACAA GGCGTCCNNNCTAGCGTTAC	2739
TGCAGGACCAGAGAATTCGAATACAC ACCGACGNNNCTAGCGTTAC	2260	TGCAGGACCAGAGAATTCGAATACAG ATATACTNNNCTAGCGTTAC	2500	TGCAGGACCAGAGAATTCGAATACAA GAATTAGNNNCTAGCGTTAC	2740
TGCAGGACCAGAGAATTCGAATACAG TTTAGATNNNCTAGCGTTAC	2261	TGCAGGACCAGAGAATTCGAATACAC CTACCCGNNNCTAGCGTTAC	2501	TGCAGGACCAGAGAATTCGAATACAG ATTTAGTNNNCTAGCGTTAC	2741
TGCAGGACCAGAGAATTCGAATACAT CCCCTCCNNNCTAGCGTTAC	2262	TGCAGGACCAGAGAATTCGAATACAA ACCTTTTNNNCTAGCGTTAC	2502	TGCAGGACCAGAGAATTCGAATACAT ATTTCTGNNNCTAGCGTTAC	2742
TGCAGGACCAGAGAATTCGAATACAT TAATCAGNNNCTAGCGTTAC	2263	TGCAGGACCAGAGAATTCGAATACAA TGTGTATNNNCTAGCGTTAC	2503	TGCAGGACCAGAGAATTCGAATACAG CTGTACANNNCTAGCGTTAC	2743
TGCAGGACCAGAGAATTCGAATACAC ATTCGAGNNNCTAGCGTTAC	2264	TGCAGGACCAGAGAATTCGAATACAT CCCACGCNNNCTAGCGTTAC	2504	TGCAGGACCAGAGAATTCGAATACAG CTTACGANNNCTAGCGTTAC	2744

FIG. 15C

Pool-10	SEQ ID NO:	Pool-11	SEQ ID NO:	Pool-12	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAA ACCGTGTNNNCTAGCGTTAC	2265	TGCAGGACCAGAGAATTCGAATACAC GCCTCTGNNNCTAGCGTTAC	2505	TGCAGGACCAGAGAATTCGAATACAC CCACGGANNNCTAGCGTTAC	2745
TGCAGGACCAGAGAATTCGAATACAC CCAATTCNNNCTAGCGTTAC	2266	TGCAGGACCAGAGAATTCGAATACAC TATAACANNNCTAGCGTTAC	2506	TGCAGGACCAGAGAATTCGAATACAT GGATCTGNNNCTAGCGTTAC	2746
TGCAGGACCAGAGAATTCGAATACAT TGGTGGTNNNCTAGCGTTAC	2267	TGCAGGACCAGAGAATTCGAATACAG ACTGACTNNNCTAGCGTTAC	2507	TGCAGGACCAGAGAATTCGAATACAT CCACGAANNNCTAGCGTTAC	2747
TGCAGGACCAGAGAATTCGAATACAT GCTTAGGNNNCTAGCGTTAC	2268	TGCAGGACCAGAGAATTCGAATACAC TGGCCAGNNNCTAGCGTTAC	2508	TGCAGGACCAGAGAATTCGAATACAT CAAGACCNNNCTAGCGTTAC	2748
TGCAGGACCAGAGAATTCGAATACAA CACCCCCNNNCTAGCGTTAC	2269	TGCAGGACCAGAGAATTCGAATACAA AGCCAAGNNNCTAGCGTTAC	2509	TGCAGGACCAGAGAATTCGAATACAG GCAGACGNNNCTAGCGTTAC	2749
TGCAGGACCAGAGAATTCGAATACAC CATTGAGNNNCTAGCGTTAC	2270	TGCAGGACCAGAGAATTCGAATACAC GCTTTTGNNNCTAGCGTTAC	2510	TGCAGGACCAGAGAATTCGAATACAT TTTTACGNNNCTAGCGTTAC	2750
TGCAGGACCAGAGAATTCGAATACAA CTTAAACNNNCTAGCGTTAC	2271	TGCAGGACCAGAGAATTCGAATACAT TTCCCTCNNNCTAGCGTTAC	2511	TGCAGGACCAGAGAATTCGAATACAG CGTTTGANNNCTAGCGTTAC	2751
TGCAGGACCAGAGAATTCGAATACAT ATAGTACNNNCTAGCGTTAC	2272	TGCAGGACCAGAGAATTCGAATACAC TTACTCGNNNCTAGCGTTAC	2512	TGCAGGACCAGAGAATTCGAATACAA GGTACTCNNNCTAGCGTTAC	2752
TGCAGGACCAGAGAATTCGAATACAC AGTGTACNNNCTAGCGTTAC	2273	TGCAGGACCAGAGAATTCGAATACAA TCGAGTCNNNCTAGCGTTAC	2513	TGCAGGACCAGAGAATTCGAATACAT TCTGTTANNNCTAGCGTTAC	2753
TGCAGGACCAGAGAATTCGAATACAG CGTCTTTNNNCTAGCGTTAC	2274	TGCAGGACCAGAGAATTCGAATACAT TGTACGGNNNCTAGCGTTAC	2514	TGCAGGACCAGAGAATTCGAATACAC CGATGTANNNCTAGCGTTAC	2754
TGCAGGACCAGAGAATTCGAATACAT GACTCAGNNNCTAGCGTTAC	2275	TGCAGGACCAGAGAATTCGAATACAC ACCATTCNNNCTAGCGTTAC	2515	TGCAGGACCAGAGAATTCGAATACAG TCGGTTANNNCTAGCGTTAC	2755
TGCAGGACCAGAGAATTCGAATACAA CTTAGTANNNCTAGCGTTAC	2276	TGCAGGACCAGAGAATTCGAATACAC CCTCTTTNNNCTAGCGTTAC	2516	TGCAGGACCAGAGAATTCGAATACAC GAACCCGNNNCTAGCGTTAC	2756
TGCAGGACCAGAGAATTCGAATACAA AACATGANNNCTAGCGTTAC	2277	TGCAGGACCAGAGAATTCGAATACAT GCATTAANNNCTAGCGTTAC	2517	TGCAGGACCAGAGAATTCGAATACAT TCGACTCNNNCTAGCGTTAC	2757
TGCAGGACCAGAGAATTCGAATACAG TTAGGCTNNNCTAGCGTTAC	2278	TGCAGGACCAGAGAATTCGAATACAC GTAGCGCNNNCTAGCGTTAC	2518	TGCAGGACCAGAGAATTCGAATACAT TCAGCCTNNNCTAGCGTTAC	2758
TGCAGGACCAGAGAATTCGAATACAT CCGCAGGNNNCTAGCGTTAC	2279	TGCAGGACCAGAGAATTCGAATACAG TCTCCTANNNCTAGCGTTAC	2519	TGCAGGACCAGAGAATTCGAATACAC ACTTGAGNNNCTAGCGTTAC	2759
TGCAGGACCAGAGAATTCGAATACAA GTACATTNNNCTAGCGTTAC	2280	TGCAGGACCAGAGAATTCGAATACAT GCGCCGANNNCTAGCGTTAC	2520	TGCAGGACCAGAGAATTCGAATACAT CACGCGGNNNCTAGCGTTAC	2760
TGCAGGACCAGAGAATTCGAATACAG GTCGTATNNNCTAGCGTTAC	2281	TGCAGGACCAGAGAATTCGAATACAC AATGATTNNNCTAGCGTTAC	2521	TGCAGGACCAGAGAATTCGAATACAC ACTGTAGNNNCTAGCGTTAC	2761
TGCAGGACCAGAGAATTCGAATACAA GACGACANNNCTAGCGTTAC	2282	TGCAGGACCAGAGAATTCGAATACAA GCGAGGCNNNCTAGCGTTAC	2522	TGCAGGACCAGAGAATTCGAATACAA CCAAGCTNNNCTAGCGTTAC	2762
TGCAGGACCAGAGAATTCGAATACAA AGTTCTANNNCTAGCGTTAC	2283	TGCAGGACCAGAGAATTCGAATACAT TGAATACNNNCTAGCGTTAC	2523	TGCAGGACCAGAGAATTCGAATACAA CTGCAACNNNCTAGCGTTAC	2763
TGCAGGACCAGAGAATTCGAATACAA CCGAACTNNNCTAGCGTTAC	2284	TGCAGGACCAGAGAATTCGAATACAA CCGCCAGNNNCTAGCGTTAC	2524	TGCAGGACCAGAGAATTCGAATACAT AACGGTCNNNCTAGCGTTAC	2764
TGCAGGACCAGAGAATTCGAATACAG GCAATTCNNNCTAGCGTTAC	2285	TGCAGGACCAGAGAATTCGAATACAG GCGACAGNNNCTAGCGTTAC	2525	TGCAGGACCAGAGAATTCGAATACAA GTTTGTANNNCTAGCGTTAC	2765
TGCAGGACCAGAGAATTCGAATACAG TCACACANNNCTAGCGTTAC	2286	TGCAGGACCAGAGAATTCGAATACAA TATCCAANNNCTAGCGTTAC	2526	TGCAGGACCAGAGAATTCGAATACAC ACGTTTCNNNCTAGCGTTAC	2766
TGCAGGACCAGAGAATTCGAATACAC GGAAATGNNNCTAGCGTTAC	2287	TGCAGGACCAGAGAATTCGAATACAA TGTTGTANNNCTAGCGTTAC	2527	TGCAGGACCAGAGAATTCGAATACAT TAAAACCNNNCTAGCGTTAC	2767
TGCAGGACCAGAGAATTCGAATACAC TGTCTACNNNCTAGCGTTAC	2288	TGCAGGACCAGAGAATTCGAATACAG ATTGTTANNNCTAGCGTTAC	2528	TGCAGGACCAGAGAATTCGAATACAT TCGTAGGNNNCTAGCGTTAC	2768
TGCAGGACCAGAGAATTCGAATACAG AGCCAGGNNNGATCGACATG	2289	TGCAGGACCAGAGAATTCGAATACAG TCCACGGNNNGATCGACATG	2529	TGCAGGACCAGAGAATTCGAATACAT GCGTAGTNNNGATCGACATG	2769
TGCAGGACCAGAGAATTCGAATACAC ACTCCTANNNGATCGACATG	2290	TGCAGGACCAGAGAATTCGAATACAT GACTGACNNNGATCGACATG	2530	TGCAGGACCAGAGAATTCGAATACAG CTTTGCTNNNGATCGACATG	2770
TGCAGGACCAGAGAATTCGAATACAC TTTCCCTNNNGATCGACATG	2291	TGCAGGACCAGAGAATTCGAATACAT GATTTAGNNNGATCGACATG	2531	TGCAGGACCAGAGAATTCGAATACAG TAAATAGNNNGATCGACATG	2771
TGCAGGACCAGAGAATTCGAATACAC TGAGCTANNNGATCGACATG	2292	TGCAGGACCAGAGAATTCGAATACAA CATACTANNNGATCGACATG	2532	TGCAGGACCAGAGAATTCGAATACAC GCTGTCCNNNGATCGACATG	2772
TGCAGGACCAGAGAATTCGAATACAG TCTGACANNNGATCGACATG	2293	TGCAGGACCAGAGAATTCGAATACAA GCATCCANNNGATCGACATG	2533	TGCAGGACCAGAGAATTCGAATACAC TTAGAGCNNNGATCGACATG	2773
TGCAGGACCAGAGAATTCGAATACAC TGACGCGNNNGATCGACATG	2294	TGCAGGACCAGAGAATTCGAATACAA CGGCAAANNNGATCGACATG	2534	TGCAGGACCAGAGAATTCGAATACAG GACATAGNNNGATCGACATG	2774
TGCAGGACCAGAGAATTCGAATACAG TGATGGANNNGATCGACATG	2295	TGCAGGACCAGAGAATTCGAATACAC TTTGCTGNNNGATCGACATG	2535	TGCAGGACCAGAGAATTCGAATACAT CTACAGGNNNGATCGACATG	2775
TGCAGGACCAGAGAATTCGAATACAG AATTCTANNNGATCGACATG	2296	TGCAGGACCAGAGAATTCGAATACAT TAACTAGNNNGATCGACATG	2536	TGCAGGACCAGAGAATTCGAATACAC AAACTCGNNNGATCGACATG	2776

FIG. 15D

Pool-10	SEQ ID NO:	Pool-11	SEQ ID NO:	Pool-12	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAC GTGCATANNNGATCGACATG	2297	TGCAGGACCAGAGAATTCGAATACAC GTACTGANNNGATCGACATG	2537	TGCAGGACCAGAGAATTCGAATACAG CTATTCCNNNGATCGACATG	2777
TGCAGGACCAGAGAATTCGAATACAT GGCGTGCNNNGATCGACATG	2298	TGCAGGACCAGAGAATTCGAATACAT AGTATCANNNGATCGACATG	2538	TGCAGGACCAGAGAATTCGAATACAG TCCAGTANNNGATCGACATG	2778
TGCAGGACCAGAGAATTCGAATACAC CAGTGCGNNNGATCGACATG	2299	TGCAGGACCAGAGAATTCGAATACAC CTGACAANNNGATCGACATG	2539	TGCAGGACCAGAGAATTCGAATACAG GCGAGACNNNGATCGACATG	2779
TGCAGGACCAGAGAATTCGAATACAT GCCCCTGNNNGATCGACATG	2300	TGCAGGACCAGAGAATTCGAATACAC GTGGCCANNNGATCGACATG	2540	TGCAGGACCAGAGAATTCGAATACAT TTCATACNNNGATCGACATG	2780
TGCAGGACCAGAGAATTCGAATACAT CCGTCGCNNNGATCGACATG	2301	TGCAGGACCAGAGAATTCGAATACAG CGTATACNNNGATCGACATG	2541	TGCAGGACCAGAGAATTCGAATACAC AGCTGTANNNGATCGACATG	2781
TGCAGGACCAGAGAATTCGAATACAG TCCTCCGNNNGATCGACATG	2302	TGCAGGACCAGAGAATTCGAATACAG CGCTGCANNNGATCGACATG	2542	TGCAGGACCAGAGAATTCGAATACAA CTGCTCTNNNGATCGACATG	2782
TGCAGGACCAGAGAATTCGAATACAG CTCCATTNNNGATCGACATG	2303	TGCAGGACCAGAGAATTCGAATACAA CCGTTAGNNNGATCGACATG	2543	TGCAGGACCAGAGAATTCGAATACAA AAGTTCTNNNGATCGACATG	2783
TGCAGGACCAGAGAATTCGAATACAG ACTCCTTNNNGATCGACATG	2304	TGCAGGACCAGAGAATTCGAATACAT GTACTTTNNNGATCGACATG	2544	TGCAGGACCAGAGAATTCGAATACAG AATCGAGNNNGATCGACATG	2784
TGCAGGACCAGAGAATTCGAATACAT GTAACTANNNGATCGACATG	2305	TGCAGGACCAGAGAATTCGAATACAC ATTATGANNNGATCGACATG	2545	TGCAGGACCAGAGAATTCGAATACAC TCCCGCANNNGATCGACATG	2785
TGCAGGACCAGAGAATTCGAATACAA GAGTCTCNNNGATCGACATG	2306	TGCAGGACCAGAGAATTCGAATACAC AGACCCGNNNGATCGACATG	2546	TGCAGGACCAGAGAATTCGAATACAG AAAACTANNNGATCGACATG	2786
TGCAGGACCAGAGAATTCGAATACAC TTTCTAANNNGATCGACATG	2307	TGCAGGACCAGAGAATTCGAATACAT AGCACCANNNGATCGACATG	2547	TGCAGGACCAGAGAATTCGAATACAA CCCTAAGNNNGATCGACATG	2787
TGCAGGACCAGAGAATTCGAATACAC GAGACCCNNNGATCGACATG	2308	TGCAGGACCAGAGAATTCGAATACAT GGAGTGANNNGATCGACATG	2548	TGCAGGACCAGAGAATTCGAATACAG GTCATACNNNGATCGACATG	2788
TGCAGGACCAGAGAATTCGAATACAT TTTAGTCNNNGATCGACATG	2309	TGCAGGACCAGAGAATTCGAATACAG GACGTGGNNNGATCGACATG	2549	TGCAGGACCAGAGAATTCGAATACAT GGTTGTGNNNGATCGACATG	2789
TGCAGGACCAGAGAATTCGAATACAA TGTGCTGNNNGATCGACATG	2310	TGCAGGACCAGAGAATTCGAATACAC CTTACACNNNGATCGACATG	2550	TGCAGGACCAGAGAATTCGAATACAA AGTTCCGNNNGATCGACATG	2790
TGCAGGACCAGAGAATTCGAATACAC CCAGGTGNNNGATCGACATG	2311	TGCAGGACCAGAGAATTCGAATACAT GGCAGCCNNNGATCGACATG	2551	TGCAGGACCAGAGAATTCGAATACAA TCAATGTNNNGATCGACATG	2791
TGCAGGACCAGAGAATTCGAATACAG AACCAAGNNNGATCGACATG	2312	TGCAGGACCAGAGAATTCGAATACAC CTTACTGNNNGATCGACATG	2552	TGCAGGACCAGAGAATTCGAATACAC ATTGATANNNGATCGACATG	2792
TGCAGGACCAGAGAATTCGAATACAC CTGAGGCNNNGATCGACATG	2313	TGCAGGACCAGAGAATTCGAATACAT TACTCTANNNGATCGACATG	2553	TGCAGGACCAGAGAATTCGAATACAG GAGGAAANNNGATCGACATG	2793
TGCAGGACCAGAGAATTCGAATACAA TAAGCGGNNNGATCGACATG	2314	TGCAGGACCAGAGAATTCGAATACAC CGCCTACNNNGATCGACATG	2554	TGCAGGACCAGAGAATTCGAATACAC ATTTTACNNNGATCGACATG	2794
TGCAGGACCAGAGAATTCGAATACAT TTGTCATNNNGATCGACATG	2315	TGCAGGACCAGAGAATTCGAATACAC CTTAGAGNNNGATCGACATG	2555	TGCAGGACCAGAGAATTCGAATACAG AACTTCGNNNGATCGACATG	2795
TGCAGGACCAGAGAATTCGAATACAA GCGTTTGNNNGATCGACATG	2316	TGCAGGACCAGAGAATTCGAATACAT TCTATGTNNNGATCGACATG	2556	TGCAGGACCAGAGAATTCGAATACAC GTCACCCNNNGATCGACATG	2796
TGCAGGACCAGAGAATTCGAATACAG CTATTTTNNNGATCGACATG	2317	TGCAGGACCAGAGAATTCGAATACAT TTTACACNNNGATCGACATG	2557	TGCAGGACCAGAGAATTCGAATACAA CGTTAATNNNGATCGACATG	2797
TGCAGGACCAGAGAATTCGAATACAT GACACCANNNGATCGACATG	2318	TGCAGGACCAGAGAATTCGAATACAT TGTTTTGNNNGATCGACATG	2558	TGCAGGACCAGAGAATTCGAATACAG GTGTGTTNNNGATCGACATG	2798
TGCAGGACCAGAGAATTCGAATACAC GCTCAAANNNGATCGACATG	2319	TGCAGGACCAGAGAATTCGAATACAC AAAGACGNNNGATCGACATG	2559	TGCAGGACCAGAGAATTCGAATACAG AAATAGTNNNGATCGACATG	2799
TGCAGGACCAGAGAATTCGAATACAG CGCATTANNNGATCGACATG	2320	TGCAGGACCAGAGAATTCGAATACAA CCTCCGCNNNGATCGACATG	2560	TGCAGGACCAGAGAATTCGAATACAG TCTATTTNNNGATCGACATG	2800
TGCAGGACCAGAGAATTCGAATACAT CTAAATGNNNGATCGACATG	2321	TGCAGGACCAGAGAATTCGAATACAG TTAACATNNNGATCGACATG	2561	TGCAGGACCAGAGAATTCGAATACAT AGTAGCCNNNGATCGACATG	2801
TGCAGGACCAGAGAATTCGAATACAA GCACTACNNNGATCGACATG	2322	TGCAGGACCAGAGAATTCGAATACAC GATGCGCNNNGATCGACATG	2562	TGCAGGACCAGAGAATTCGAATACAG TACAAAANNNGATCGACATG	2802
TGCAGGACCAGAGAATTCGAATACAG ATTCAGCNNNGATCGACATG	2323	TGCAGGACCAGAGAATTCGAATACAC CTCGAAANNNGATCGACATG	2563	TGCAGGACCAGAGAATTCGAATACAA GAGTACGNNNGATCGACATG	2803
TGCAGGACCAGAGAATTCGAATACAC TGCTCCGNNNGATCGACATG	2324	TGCAGGACCAGAGAATTCGAATACAA TGTCGACNNNGATCGACATG	2564	TGCAGGACCAGAGAATTCGAATACAT AGACTTANNNGATCGACATG	2804
TGCAGGACCAGAGAATTCGAATACAG CACGATTNNNGATCGACATG	2325	TGCAGGACCAGAGAATTCGAATACAT AACAGCCNNNGATCGACATG	2565	TGCAGGACCAGAGAATTCGAATACAC GAGCAAANNNGATCGACATG	2805
TGCAGGACCAGAGAATTCGAATACAA TGTCATANNNGATCGACATG	2326	TGCAGGACCAGAGAATTCGAATACAG CGCAGTCNNNGATCGACATG	2566	TGCAGGACCAGAGAATTCGAATACAA GCGTCGCNNNGATCGACATG	2806
TGCAGGACCAGAGAATTCGAATACAA CAGGACANNNGATCGACATG	2327	TGCAGGACCAGAGAATTCGAATACAA TCATAACNNNGATCGACATG	2567	TGCAGGACCAGAGAATTCGAATACAG CTGGTCGNNNGATCGACATG	2807
TGCAGGACCAGAGAATTCGAATACAC CGTAAGTNNNGATCGACATG	2328	TGCAGGACCAGAGAATTCGAATACAA AGGTCTCNNNGATCGACATG	2568	TGCAGGACCAGAGAATTCGAATACAA GTCCACANNNGATCGACATG	2808

FIG. 15E

Pool-10	SEQ ID NO:	Pool-11	SEQ ID NO:	Pool-12	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAA AAGAATCNNNGATCGACATG	2329	TGCAGGACCAGAGAATTCGAATACAG AAATACANNNGATCGACATG	2569	TGCAGGACCAGAGAATTCGAATACAT CCCTTAGNNNGATCGACATG	2809
TGCAGGACCAGAGAATTCGAATACAC AAGCCTANNNGATCGACATG	2330	TGCAGGACCAGAGAATTCGAATACAA CGTACTGNNNGATCGACATG	2570	TGCAGGACCAGAGAATTCGAATACAC CGGATGCNNNGATCGACATG	2810
TGCAGGACCAGAGAATTCGAATACAC TAACTAANNNGATCGACATG	2331	TGCAGGACCAGAGAATTCGAATACAA TTAAGTCNNNGATCGACATG	2571	TGCAGGACCAGAGAATTCGAATACAT CTATATCNNNGATCGACATG	2811
TGCAGGACCAGAGAATTCGAATACAC GCGTAATNNNGATCGACATG	2332	TGCAGGACCAGAGAATTCGAATACAC GTGAAAGNNNGATCGACATG	2572	TGCAGGACCAGAGAATTCGAATACAA GACCCTANNNGATCGACATG	2812
TGCAGGACCAGAGAATTCGAATACAG AGGTCTTNNNGATCGACATG	2333	TGCAGGACCAGAGAATTCGAATACAG GTTAATTNNNGATCGACATG	2573	TGCAGGACCAGAGAATTCGAATACAG GCTGGTCNNNGATCGACATG	2813
TGCAGGACCAGAGAATTCGAATACAA GCCGCTGNNNGATCGACATG	2334	TGCAGGACCAGAGAATTCGAATACAT GACACGTNNNGATCGACATG	2574	TGCAGGACCAGAGAATTCGAATACAG ACGATGANNNGATCGACATG	2814
TGCAGGACCAGAGAATTCGAATACAG CTCAACANNNGATCGACATG	2335	TGCAGGACCAGAGAATTCGAATACAC CCAGTGGNNNGATCGACATG	2575	TGCAGGACCAGAGAATTCGAATACAG CCCATAANNNGATCGACATG	2815
TGCAGGACCAGAGAATTCGAATACAA TCAGGAGNNNGATCGACATG	2336	TGCAGGACCAGAGAATTCGAATACAT CCAAGGTNNNGATCGACATG	2576	TGCAGGACCAGAGAATTCGAATACAA CTTTCATNNNGATCGACATG	2816
TGCAGGACCAGAGAATTCGAATACAC CCCAGAGNNNGATCGACATG	2337	TGCAGGACCAGAGAATTCGAATACAT GAGTATTNNNGATCGACATG	2577	TGCAGGACCAGAGAATTCGAATACAT CGACTTCNNNGATCGACATG	2817
TGCAGGACCAGAGAATTCGAATACAG AGGTGGCNNNGATCGACATG	2338	TGCAGGACCAGAGAATTCGAATACAT GTACGGTNNNGATCGACATG	2578	TGCAGGACCAGAGAATTCGAATACAC GCTACTTNNNGATCGACATG	2818
TGCAGGACCAGAGAATTCGAATACAG CCAAGCCNNNGATCGACATG	2339	TGCAGGACCAGAGAATTCGAATACAC GCGTCAGNNNGATCGACATG	2579	TGCAGGACCAGAGAATTCGAATACAC GAAAACGNNNGATCGACATG	2819
TGCAGGACCAGAGAATTCGAATACAC TGGTGGCNNNGATCGACATG	2340	TGCAGGACCAGAGAATTCGAATACAC GGATGTTNNNGATCGACATG	2580	TGCAGGACCAGAGAATTCGAATACAT TATGGCGNNNGATCGACATG	2820
TGCAGGACCAGAGAATTCGAATACAC GTATGTGNNNGATCGACATG	2341	TGCAGGACCAGAGAATTCGAATACAG ACAAGGTNNNGATCGACATG	2581	TGCAGGACCAGAGAATTCGAATACAG CTATTAANNNGATCGACATG	2821
TGCAGGACCAGAGAATTCGAATACAT GCGTTTCNNNGATCGACATG	2342	TGCAGGACCAGAGAATTCGAATACAA TTAAAAANNNGATCGACATG	2582	TGCAGGACCAGAGAATTCGAATACAG GCCCGCGNNNGATCGACATG	2822
TGCAGGACCAGAGAATTCGAATACAT AAATTTANNNGATCGACATG	2343	TGCAGGACCAGAGAATTCGAATACAA CGACCCGNNNGATCGACATG	2583	TGCAGGACCAGAGAATTCGAATACAG ACGCTGCNNNGATCGACATG	2823
TGCAGGACCAGAGAATTCGAATACAT CGGACATNNNGATCGACATG	2344	TGCAGGACCAGAGAATTCGAATACAT CAAACTANNNGATCGACATG	2584	TGCAGGACCAGAGAATTCGAATACAA CGAGCCCNNNGATCGACATG	2824
TGCAGGACCAGAGAATTCGAATACAT AAACACTNNNGATCGACATG	2345	TGCAGGACCAGAGAATTCGAATACAC ACGCCGANNNGATCGACATG	2585	TGCAGGACCAGAGAATTCGAATACAT TCATCGCNNNGATCGACATG	2825
TGCAGGACCAGAGAATTCGAATACAT TAGGCCANNNGATCGACATG	2346	TGCAGGACCAGAGAATTCGAATACAC GATCAGTNNNGATCGACATG	2586	TGCAGGACCAGAGAATTCGAATACAC ATAAAAGNNNGATCGACATG	2826
TGCAGGACCAGAGAATTCGAATACAA GCCCTCCNNNGATCGACATG	2347	TGCAGGACCAGAGAATTCGAATACAC ACTTTGCNNNGATCGACATG	2587	TGCAGGACCAGAGAATTCGAATACAC TCGCGCTNNNGATCGACATG	2827
TGCAGGACCAGAGAATTCGAATACAC GGAAAACNNNGATCGACATG	2348	TGCAGGACCAGAGAATTCGAATACAT CCTGATCNNNGATCGACATG	2588	TGCAGGACCAGAGAATTCGAATACAG ACATGTCNNNGATCGACATG	2828
TGCAGGACCAGAGAATTCGAATACAG GCCGGTTNNNTGCATCAGGT	2349	TGCAGGACCAGAGAATTCGAATACAG AACTCCANNNTGCATCAGGT	2589	TGCAGGACCAGAGAATTCGAATACAC TCACCGCNNNTGCATCAGGT	2829
TGCAGGACCAGAGAATTCGAATACAT AGGCTACNNNTGCATCAGGT	2350	TGCAGGACCAGAGAATTCGAATACAG GTCAATCNNNTGCATCAGGT	2590	TGCAGGACCAGAGAATTCGAATACAC ACGTCTTNNNTGCATCAGGT	2830
TGCAGGACCAGAGAATTCGAATACAC CACTTGTNNNTGCATCAGGT	2351	TGCAGGACCAGAGAATTCGAATACAT ATGCAGCNNNTGCATCAGGT	2591	TGCAGGACCAGAGAATTCGAATACAA CTGCGTANNNTGCATCAGGT	2831
TGCAGGACCAGAGAATTCGAATACAG ATAGAGCNNNTGCATCAGGT	2352	TGCAGGACCAGAGAATTCGAATACAG CACCTCCNNNTGCATCAGGT	2592	TGCAGGACCAGAGAATTCGAATACAT AAATTATNNNTGCATCAGGT	2832
TGCAGGACCAGAGAATTCGAATACAA GTCCAGTNNNTGCATCAGGT	2353	TGCAGGACCAGAGAATTCGAATACAT CAAGTGCNNNTGCATCAGGT	2593	TGCAGGACCAGAGAATTCGAATACAT AGTCTAANNNTGCATCAGGT	2833
TGCAGGACCAGAGAATTCGAATACAG TCATCAGNNNTGCATCAGGT	2354	TGCAGGACCAGAGAATTCGAATACAT TGCCGTTNNNTGCATCAGGT	2594	TGCAGGACCAGAGAATTCGAATACAC AAACTATNNNTGCATCAGGT	2834
TGCAGGACCAGAGAATTCGAATACAT TTCGGAGNNNTGCATCAGGT	2355	TGCAGGACCAGAGAATTCGAATACAG TGGAGTANNNTGCATCAGGT	2595	TGCAGGACCAGAGAATTCGAATACAT CACTGTCNNNTGCATCAGGT	2835
TGCAGGACCAGAGAATTCGAATACAC TCAGGATNNNTGCATCAGGT	2356	TGCAGGACCAGAGAATTCGAATACAG CCTCACCNNNTGCATCAGGT	2596	TGCAGGACCAGAGAATTCGAATACAA ACAAATGNNNTGCATCAGGT	2836
TGCAGGACCAGAGAATTCGAATACAC CTATCCANNNTGCATCAGGT	2357	TGCAGGACCAGAGAATTCGAATACAA CACACCANNNTGCATCAGGT	2597	TGCAGGACCAGAGAATTCGAATACAT TTTCTTCNNNTGCATCAGGT	2837
TGCAGGACCAGAGAATTCGAATACAC AATGCTGNNNTGCATCAGGT	2358	TGCAGGACCAGAGAATTCGAATACAA CCCCATTNNNTGCATCAGGT	2598	TGCAGGACCAGAGAATTCGAATACAC TTCAGTCNNNTGCATCAGGT	2838
TGCAGGACCAGAGAATTCGAATACAC GGTGAAANNNTGCATCAGGT	2359	TGCAGGACCAGAGAATTCGAATACAA TAGTCTANNNTGCATCAGGT	2599	TGCAGGACCAGAGAATTCGAATACAA GGTCTGTNNNTGCATCAGGT	2839
TGCAGGACCAGAGAATTCGAATACAG TTGCAACNNNTGCATCAGGT	2360	TGCAGGACCAGAGAATTCGAATACAG AATGTCCNNNTGCATCAGGT	2600	TGCAGGACCAGAGAATTCGAATACAG CAAACAGNNNTGCATCAGGT	2840

FIG. 15F

Pool-10	SEQ ID NO:	Pool-11	SEQ ID NO:	Pool-12	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAG AGAGCTANNNTGCATCAGGT	2361	TGCAGGACCAGAGAATTCGAATACAC TAGATCGNNNTGCATCAGGT	2601	TGCAGGACCAGAGAATTCGAATACAC CGAGAGGNNNTGCATCAGGT	2841
TGCAGGACCAGAGAATTCGAATACAG CCTAACANNNTGCATCAGGT	2362	TGCAGGACCAGAGAATTCGAATACAG GCAACCCNNNTGCATCAGGT	2602	TGCAGGACCAGAGAATTCGAATACAA TATTGCANNNTGCATCAGGT	2842
TGCAGGACCAGAGAATTCGAATACAC TGAGACTNNNTGCATCAGGT	2363	TGCAGGACCAGAGAATTCGAATACAG GAGAGAANNNTGCATCAGGT	2603	TGCAGGACCAGAGAATTCGAATACAT CTCTGGTNNNTGCATCAGGT	2843
TGCAGGACCAGAGAATTCGAATACAA CGTTGCANNNTGCATCAGGT	2364	TGCAGGACCAGAGAATTCGAATACAG TTGTCCTNNNTGCATCAGGT	2604	TGCAGGACCAGAGAATTCGAATACAA TTGGAGGNNNTGCATCAGGT	2844
TGCAGGACCAGAGAATTCGAATACAG GAAGCTANNNTGCATCAGGT	2365	TGCAGGACCAGAGAATTCGAATACAT GGCATACNNNTGCATCAGGT	2605	TGCAGGACCAGAGAATTCGAATACAC ATCATTTNNNTGCATCAGGT	2845
TGCAGGACCAGAGAATTCGAATACAC CCTGTATNNNTGCATCAGGT	2366	TGCAGGACCAGAGAATTCGAATACAG AGGCAATNNNTGCATCAGGT	2606	TGCAGGACCAGAGAATTCGAATACAG AGGTGATNNNTGCATCAGGT	2846
TGCAGGACCAGAGAATTCGAATACAT AGCCTCTNNNTGCATCAGGT	2367	TGCAGGACCAGAGAATTCGAATACAT CTCACGTNNNTGCATCAGGT	2607	TGCAGGACCAGAGAATTCGAATACAC CCCGTCANNNTGCATCAGGT	2847
TGCAGGACCAGAGAATTCGAATACAA GGTACCTNNNTGCATCAGGT	2368	TGCAGGACCAGAGAATTCGAATACAC TGCGGCANNNTGCATCAGGT	2608	TGCAGGACCAGAGAATTCGAATACAG ACAGGTANNNTGCATCAGGT	2848
TGCAGGACCAGAGAATTCGAATACAT GTTATCTNNNTGCATCAGGT	2369	TGCAGGACCAGAGAATTCGAATACAC TTAATGANNNTGCATCAGGT	2609	TGCAGGACCAGAGAATTCGAATACAG CCTTAGANNNTGCATCAGGT	2849
TGCAGGACCAGAGAATTCGAATACAG ACTTACGNNNTGCATCAGGT	2370	TGCAGGACCAGAGAATTCGAATACAA ACTCACGNNNTGCATCAGGT	2610	TGCAGGACCAGAGAATTCGAATACAC CTTCTAGNNNTGCATCAGGT	2850
TGCAGGACCAGAGAATTCGAATACAA CTTCCACNNNTGCATCAGGT	2371	TGCAGGACCAGAGAATTCGAATACAA GCAGTGANNNTGCATCAGGT	2611	TGCAGGACCAGAGAATTCGAATACAA GGCTTGTNNNTGCATCAGGT	2851
TGCAGGACCAGAGAATTCGAATACAC CTTCTGANNNTGCATCAGGT	2372	TGCAGGACCAGAGAATTCGAATACAT AATACTGNNNTGCATCAGGT	2612	TGCAGGACCAGAGAATTCGAATACAT GGAGTTCNNNTGCATCAGGT	2852
TGCAGGACCAGAGAATTCGAATACAC GACACTANNNTGCATCAGGT	2373	TGCAGGACCAGAGAATTCGAATACAA AAGTCCCNNNTGCATCAGGT	2613	TGCAGGACCAGAGAATTCGAATACAC CACCGAGNNNTGCATCAGGT	2853
TGCAGGACCAGAGAATTCGAATACAC TGTGAGTNNNTGCATCAGGT	2374	TGCAGGACCAGAGAATTCGAATACAG CTGGAAANNNTGCATCAGGT	2614	TGCAGGACCAGAGAATTCGAATACAG GAATGCANNNTGCATCAGGT	2854
TGCAGGACCAGAGAATTCGAATACAA GAGACACNNNTGCATCAGGT	2375	TGCAGGACCAGAGAATTCGAATACAA AGAGGAGNNNTGCATCAGGT	2615	TGCAGGACCAGAGAATTCGAATACAA CATTACANNNTGCATCAGGT	2855
TGCAGGACCAGAGAATTCGAATACAT AATTGTGNNNTGCATCAGGT	2376	TGCAGGACCAGAGAATTCGAATACAG TGGAAGTNNNTGCATCAGGT	2616	TGCAGGACCAGAGAATTCGAATACAA GTCTCTCNNNTGCATCAGGT	2856
TGCAGGACCAGAGAATTCGAATACAG TAATTTGNNNTGCATCAGGT	2377	TGCAGGACCAGAGAATTCGAATACAC GCGGACTNNNTGCATCAGGT	2617	TGCAGGACCAGAGAATTCGAATACAT AGTGCCANNNTGCATCAGGT	2857
TGCAGGACCAGAGAATTCGAATACAG ATACTATNNNTGCATCAGGT	2378	TGCAGGACCAGAGAATTCGAATACAT ACTTGTTNNNTGCATCAGGT	2618	TGCAGGACCAGAGAATTCGAATACAG CAATGCTNNNTGCATCAGGT	2858
TGCAGGACCAGAGAATTCGAATACAA GTGGATGNNNTGCATCAGGT	2379	TGCAGGACCAGAGAATTCGAATACAA ACTGACCNNNTGCATCAGGT	2619	TGCAGGACCAGAGAATTCGAATACAG TTGAATTNNNTGCATCAGGT	2859
TGCAGGACCAGAGAATTCGAATACAT TATAGACNNNTGCATCAGGT	2380	TGCAGGACCAGAGAATTCGAATACAT GCTGGTANNNTGCATCAGGT	2620	TGCAGGACCAGAGAATTCGAATACAC CACTTCANNNTGCATCAGGT	2860
TGCAGGACCAGAGAATTCGAATACAG AGTTTCGNNNTGCATCAGGT	2381	TGCAGGACCAGAGAATTCGAATACAA TATTTTTNNNTGCATCAGGT	2621	TGCAGGACCAGAGAATTCGAATACAT CCATTCGNNNTGCATCAGGT	2861
TGCAGGACCAGAGAATTCGAATACAC AGAGATGNNNTGCATCAGGT	2382	TGCAGGACCAGAGAATTCGAATACAT CCCCATANNNTGCATCAGGT	2622	TGCAGGACCAGAGAATTCGAATACAC ACTCTCANNNTGCATCAGGT	2862
TGCAGGACCAGAGAATTCGAATACAG ACTCAACNNNTGCATCAGGT	2383	TGCAGGACCAGAGAATTCGAATACAC AAGTTGCNNNTGCATCAGGT	2623	TGCAGGACCAGAGAATTCGAATACAG ACCTGATNNNTGCATCAGGT	2863
TGCAGGACCAGAGAATTCGAATACAT TCGCTGTNNNTGCATCAGGT	2384	TGCAGGACCAGAGAATTCGAATACAT GAACCGTNNNTGCATCAGGT	2624	TGCAGGACCAGAGAATTCGAATACAA GAGCTCTNNNTGCATCAGGT	2864
TGCAGGACCAGAGAATTCGAATACAC GTCCGAGNNNTGCATCAGGT	2385	TGCAGGACCAGAGAATTCGAATACAC GCATTGANNNTGCATCAGGT	2625	TGCAGGACCAGAGAATTCGAATACAC TGGATTGNNNTGCATCAGGT	2865
TGCAGGACCAGAGAATTCGAATACAG CATGCATNNNTGCATCAGGT	2386	TGCAGGACCAGAGAATTCGAATACAC GGCGTTGNNNTGCATCAGGT	2626	TGCAGGACCAGAGAATTCGAATACAT GCTATCCNNNTGCATCAGGT	2866
TGCAGGACCAGAGAATTCGAATACAA AAGTGCGNNNTGCATCAGGT	2387	TGCAGGACCAGAGAATTCGAATACAC CCGCCCGNNNTGCATCAGGT	2627	TGCAGGACCAGAGAATTCGAATACAG ACGTTGTNNNTGCATCAGGT	2867
TGCAGGACCAGAGAATTCGAATACAG AAAGCACNNNTGCATCAGGT	2388	TGCAGGACCAGAGAATTCGAATACAC AAGCTACNNNTGCATCAGGT	2628	TGCAGGACCAGAGAATTCGAATACAA TTCATCTNNNTGCATCAGGT	2868
TGCAGGACCAGAGAATTCGAATACAG GCTGCTGNNNTGCATCAGGT	2389	TGCAGGACCAGAGAATTCGAATACAC GGTTCAANNNTGCATCAGGT	2629	TGCAGGACCAGAGAATTCGAATACAC GATTCAGNNNTGCATCAGGT	2869
TGCAGGACCAGAGAATTCGAATACAG CGGAAGCNNNTGCATCAGGT	2390	TGCAGGACCAGAGAATTCGAATACAC AACGTTGNNNTGCATCAGGT	2630	TGCAGGACCAGAGAATTCGAATACAT GGTGCATNNNTGCATCAGGT	2870
TGCAGGACCAGAGAATTCGAATACAA TCACATANNNTGCATCAGGT	2391	TGCAGGACCAGAGAATTCGAATACAG TACTAGCNNNTGCATCAGGT	2631	TGCAGGACCAGAGAATTCGAATACAT GTGTTTTNNNTGCATCAGGT	2871
TGCAGGACCAGAGAATTCGAATACAA CTCTCTGNNNTGCATCAGGT	2392	TGCAGGACCAGAGAATTCGAATACAT GAGTGTCNNNTGCATCAGGT	2632	TGCAGGACCAGAGAATTCGAATACAT GGCATCANNNTGCATCAGGT	2872

FIG. 15G

Pool-10	SEQ ID NO:	Pool-11	SEQ ID NO:	Pool-12	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAC GCCCCCGNNNTGCATCAGGT	2393	TGCAGGACCAGAGAATTCGAATACAC AAACAGGNNNTGCATCAGGT	2633	TGCAGGACCAGAGAATTCGAATACAT AAGCTGCNNNTGCATCAGGT	2873
TGCAGGACCAGAGAATTCGAATACAT TTAATCCNNNTGCATCAGGT	2394	TGCAGGACCAGAGAATTCGAATACAG CATGCTANNNTGCATCAGGT	2634	TGCAGGACCAGAGAATTCGAATACAA CGGACTTNNNTGCATCAGGT	2874
TGCAGGACCAGAGAATTCGAATACAC CGTCGGANNNTGCATCAGGT	2395	TGCAGGACCAGAGAATTCGAATACAG ATTCACGNNNTGCATCAGGT	2635	TGCAGGACCAGAGAATTCGAATACAT GAATTACNNNTGCATCAGGT	2875
TGCAGGACCAGAGAATTCGAATACAT GAGAAATNNNTGCATCAGGT	2396	TGCAGGACCAGAGAATTCGAATACAG TAGATCCNNNTGCATCAGGT	2636	TGCAGGACCAGAGAATTCGAATACAA ACAGAGCNNNTGCATCAGGT	2876
TGCAGGACCAGAGAATTCGAATACAC GTTATAANNNTGCATCAGGT	2397	TGCAGGACCAGAGAATTCGAATACAC GCCAACGNNNTGCATCAGGT	2637	TGCAGGACCAGAGAATTCGAATACAC ATGTTCCNNNTGCATCAGGT	2877
TGCAGGACCAGAGAATTCGAATACAT CTAAAACNNNTGCATCAGGT	2398	TGCAGGACCAGAGAATTCGAATACAG AGCATAGNNNTGCATCAGGT	2638	TGCAGGACCAGAGAATTCGAATACAT CGTCTACNNNTGCATCAGGT	2878
TGCAGGACCAGAGAATTCGAATACAA CACTCGANNNTGCATCAGGT	2399	TGCAGGACCAGAGAATTCGAATACAG GTGTCATNNNTGCATCAGGT	2639	TGCAGGACCAGAGAATTCGAATACAG TAGAGACNNNTGCATCAGGT	2879
TGCAGGACCAGAGAATTCGAATACAG CATCGTANNNTGCATCAGGT	2400	TGCAGGACCAGAGAATTCGAATACAT CTTCGACNNNTGCATCAGGT	2640	TGCAGGACCAGAGAATTCGAATACAT ATAGTGTNNNTGCATCAGGT	2880
TGCAGGACCAGAGAATTCGAATACAG TAAGACGNNNTGCATCAGGT	2401	TGCAGGACCAGAGAATTCGAATACAG ATCAGCTNNNTGCATCAGGT	2641	TGCAGGACCAGAGAATTCGAATACAG GAGAGTTNNNTGCATCAGGT	2881
TGCAGGACCAGAGAATTCGAATACAA AAGCCCTNNNTGCATCAGGT	2402	TGCAGGACCAGAGAATTCGAATACAT CGACCTTNNNTGCATCAGGT	2642	TGCAGGACCAGAGAATTCGAATACAT ACATTCTNNNTGCATCAGGT	2882
TGCAGGACCAGAGAATTCGAATACAC CATGGTANNNTGCATCAGGT	2403	TGCAGGACCAGAGAATTCGAATACAA GCCCACGNNNTGCATCAGGT	2643	TGCAGGACCAGAGAATTCGAATACAC ACAATGCNNNTGCATCAGGT	2883
TGCAGGACCAGAGAATTCGAATACAC GAAATAANNNTGCATCAGGT	2404	TGCAGGACCAGAGAATTCGAATACAG AGATCTCNNNTGCATCAGGT	2644	TGCAGGACCAGAGAATTCGAATACAG ATATTACNNNTGCATCAGGT	2884
TGCAGGACCAGAGAATTCGAATACAG ATCAAAANNNTGCATCAGGT	2405	TGCAGGACCAGAGAATTCGAATACAT CTTTAACNNNTGCATCAGGT	2645	TGCAGGACCAGAGAATTCGAATACAC GGCTTTTNNNTGCATCAGGT	2885
TGCAGGACCAGAGAATTCGAATACAA GTGCCGCNNNTGCATCAGGT	2406	TGCAGGACCAGAGAATTCGAATACAT CCCTAACNNNTGCATCAGGT	2646	TGCAGGACCAGAGAATTCGAATACAG CTGCTGGNNNTGCATCAGGT	2886
TGCAGGACCAGAGAATTCGAATACAC CCTGGCTNNNTGCATCAGGT	2407	TGCAGGACCAGAGAATTCGAATACAA CTCGACANNNTGCATCAGGT	2647	TGCAGGACCAGAGAATTCGAATACAA AGGCGCGNNNTGCATCAGGT	2887
TGCAGGACCAGAGAATTCGAATACAC AAGTTCGNNNTGCATCAGGT	2408	TGCAGGACCAGAGAATTCGAATACAT GAGAGACNNNTGCATCAGGT	2648	TGCAGGACCAGAGAATTCGAATACAA CGGTGAANNNTGCATCAGGT	2888

FIG. 16A

Pool-13	SEQ ID NO:	Pool-14	SEQ ID NO:	Pool-15	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAC CACGGACNNNACGTATGCCA	2889	TGCAGGACCAGAGAATTCGAATACAC ATGCGTANNNACGTATGCCA	3129	TGCAGGACCAGAGAATTCGAATACAG TGTGATCNNNACGTATGCCA	3369
TGCAGGACCAGAGAATTCGAATACAA ATCCTCCNNNACGTATGCCA	2890	TGCAGGACCAGAGAATTCGAATACAT CGTGCGGNNNACGTATGCCA	3130	TGCAGGACCAGAGAATTCGAATACAA AAGCGCANNNACGTATGCCA	3370
TGCAGGACCAGAGAATTCGAATACAG TGGCCGTNNNACGTATGCCA	2891	TGCAGGACCAGAGAATTCGAATACAG TAGTGGANNNACGTATGCCA	3131	TGCAGGACCAGAGAATTCGAATACAT CGTGGATNNNACGTATGCCA	3371
TGCAGGACCAGAGAATTCGAATACAA GAGTAGCNNNACGTATGCCA	2892	TGCAGGACCAGAGAATTCGAATACAG TTGTTGGNNNACGTATGCCA	3132	TGCAGGACCAGAGAATTCGAATACAT CACCGAANNNACGTATGCCA	3372
TGCAGGACCAGAGAATTCGAATACAT CCTGCGCNNNACGTATGCCA	2893	TGCAGGACCAGAGAATTCGAATACAA GAGCTTCNNNACGTATGCCA	3133	TGCAGGACCAGAGAATTCGAATACAG CCGTTGGNNNACGTATGCCA	3373
TGCAGGACCAGAGAATTCGAATACAT TCTCGTGNNNACGTATGCCA	2894	TGCAGGACCAGAGAATTCGAATACAG TACTGTGNNNACGTATGCCA	3134	TGCAGGACCAGAGAATTCGAATACAA CACGGTTNNNACGTATGCCA	3374
TGCAGGACCAGAGAATTCGAATACAT GGTATGCNNNACGTATGCCA	2895	TGCAGGACCAGAGAATTCGAATACAA GCAACCTNNNACGTATGCCA	3135	TGCAGGACCAGAGAATTCGAATACAG CTCACGGNNNACGTATGCCA	3375
TGCAGGACCAGAGAATTCGAATACAA TCACTCCNNNACGTATGCCA	2896	TGCAGGACCAGAGAATTCGAATACAG CCCTGCTNNNACGTATGCCA	3136	TGCAGGACCAGAGAATTCGAATACAC AATCGCANNNACGTATGCCA	3376
TGCAGGACCAGAGAATTCGAATACAA ACAAGGCNNNACGTATGCCA	2897	TGCAGGACCAGAGAATTCGAATACAC TCTCGCGNNNACGTATGCCA	3137	TGCAGGACCAGAGAATTCGAATACAT AATATATNNNACGTATGCCA	3377
TGCAGGACCAGAGAATTCGAATACAC CGTCTTANNNACGTATGCCA	2898	TGCAGGACCAGAGAATTCGAATACAC TACTTGCNNNACGTATGCCA	3138	TGCAGGACCAGAGAATTCGAATACAC ATTACCCNNNACGTATGCCA	3378
TGCAGGACCAGAGAATTCGAATACAA AAAATTANNNACGTATGCCA	2899	TGCAGGACCAGAGAATTCGAATACAA TAATGAGNNNACGTATGCCA	3139	TGCAGGACCAGAGAATTCGAATACAG ACTACTGNNNACGTATGCCA	3379
TGCAGGACCAGAGAATTCGAATACAA CACAGAGNNNACGTATGCCA	2900	TGCAGGACCAGAGAATTCGAATACAC CGTAGTANNNACGTATGCCA	3140	TGCAGGACCAGAGAATTCGAATACAG TGCACGCNNNACGTATGCCA	3380
TGCAGGACCAGAGAATTCGAATACAG GTGCGCTNNNACGTATGCCA	2901	TGCAGGACCAGAGAATTCGAATACAA GCAACAGNNNACGTATGCCA	3141	TGCAGGACCAGAGAATTCGAATACAG GCTATTGNNNACGTATGCCA	3381
TGCAGGACCAGAGAATTCGAATACAC GTGACGCNNNACGTATGCCA	2902	TGCAGGACCAGAGAATTCGAATACAC TGTGTCTNNNACGTATGCCA	3142	TGCAGGACCAGAGAATTCGAATACAG GTGGTGGNNNACGTATGCCA	3382
TGCAGGACCAGAGAATTCGAATACAG ACCCCCTNNNACGTATGCCA	2903	TGCAGGACCAGAGAATTCGAATACAT CCAAACGNNNACGTATGCCA	3143	TGCAGGACCAGAGAATTCGAATACAT GCGTACANNNACGTATGCCA	3383
TGCAGGACCAGAGAATTCGAATACAA CATTTGANNNACGTATGCCA	2904	TGCAGGACCAGAGAATTCGAATACAT GTCAAGCNNNACGTATGCCA	3144	TGCAGGACCAGAGAATTCGAATACAA TTCTTCANNNACGTATGCCA	3384
TGCAGGACCAGAGAATTCGAATACAG GTGGCAGNNNACGTATGCCA	2905	TGCAGGACCAGAGAATTCGAATACAA GTGTCACNNNACGTATGCCA	3145	TGCAGGACCAGAGAATTCGAATACAT CTGGTCTNNNACGTATGCCA	3385
TGCAGGACCAGAGAATTCGAATACAG AGGCCAGNNNACGTATGCCA	2906	TGCAGGACCAGAGAATTCGAATACAC CTCAAGANNNACGTATGCCA	3146	TGCAGGACCAGAGAATTCGAATACAG CGAGCCTNNNACGTATGCCA	3386
TGCAGGACCAGAGAATTCGAATACAA CTCGAGTNNNACGTATGCCA	2907	TGCAGGACCAGAGAATTCGAATACAG TGAAAGCNNNACGTATGCCA	3147	TGCAGGACCAGAGAATTCGAATACAA GCCGTGCNNNACGTATGCCA	3387
TGCAGGACCAGAGAATTCGAATACAC CAAAAGGNNNACGTATGCCA	2908	TGCAGGACCAGAGAATTCGAATACAT TGCGCCCNNNACGTATGCCA	3148	TGCAGGACCAGAGAATTCGAATACAG ATAACCCNNNACGTATGCCA	3388
TGCAGGACCAGAGAATTCGAATACAA AGCAACGNNNACGTATGCCA	2909	TGCAGGACCAGAGAATTCGAATACAG TATTGCGNNNACGTATGCCA	3149	TGCAGGACCAGAGAATTCGAATACAC GGAACCCNNNACGTATGCCA	3389
TGCAGGACCAGAGAATTCGAATACAC GCTTTGTNNNACGTATGCCA	2910	TGCAGGACCAGAGAATTCGAATACAA CAAATAGNNNACGTATGCCA	3150	TGCAGGACCAGAGAATTCGAATACAG TCCAGCGNNNACGTATGCCA	3390
TGCAGGACCAGAGAATTCGAATACAT GGATGCTNNNACGTATGCCA	2911	TGCAGGACCAGAGAATTCGAATACAC TACGCGGNNNACGTATGCCA	3151	TGCAGGACCAGAGAATTCGAATACAC GTGAGCCNNNACGTATGCCA	3391
TGCAGGACCAGAGAATTCGAATACAT CAATGGCNNNACGTATGCCA	2912	TGCAGGACCAGAGAATTCGAATACAT GTATACANNNACGTATGCCA	3152	TGCAGGACCAGAGAATTCGAATACAT CGGCCAGNNNACGTATGCCA	3392
TGCAGGACCAGAGAATTCGAATACAA ACTACTANNNACGTATGCCA	2913	TGCAGGACCAGAGAATTCGAATACAA GACCTACNNNACGTATGCCA	3153	TGCAGGACCAGAGAATTCGAATACAC CGCCAAGNNNACGTATGCCA	3393
TGCAGGACCAGAGAATTCGAATACAT TGCGATGNNNACGTATGCCA	2914	TGCAGGACCAGAGAATTCGAATACAT TCCCATGNNNACGTATGCCA	3154	TGCAGGACCAGAGAATTCGAATACAG GCTGTTANNNACGTATGCCA	3394
TGCAGGACCAGAGAATTCGAATACAG AGATACGNNNACGTATGCCA	2915	TGCAGGACCAGAGAATTCGAATACAT AGCCCTTNNNACGTATGCCA	3155	TGCAGGACCAGAGAATTCGAATACAT GAAAATGNNNACGTATGCCA	3395
TGCAGGACCAGAGAATTCGAATACAT CCTTTTTNNNACGTATGCCA	2916	TGCAGGACCAGAGAATTCGAATACAG GTTCACANNNACGTATGCCA	3156	TGCAGGACCAGAGAATTCGAATACAC TTCTATANNNACGTATGCCA	3396
TGCAGGACCAGAGAATTCGAATACAG TTAGCGTNNNACGTATGCCA	2917	TGCAGGACCAGAGAATTCGAATACAG ACGTTTGNNNACGTATGCCA	3157	TGCAGGACCAGAGAATTCGAATACAT CCCCGCANNNACGTATGCCA	3397
TGCAGGACCAGAGAATTCGAATACAG CGGCGCCNNNACGTATGCCA	2918	TGCAGGACCAGAGAATTCGAATACAT GTTGATANNNACGTATGCCA	3158	TGCAGGACCAGAGAATTCGAATACAT GTCTACCNNNACGTATGCCA	3398
TGCAGGACCAGAGAATTCGAATACAA TGCTCTCNNNACGTATGCCA	2919	TGCAGGACCAGAGAATTCGAATACAA GTATTACNNNACGTATGCCA	3159	TGCAGGACCAGAGAATTCGAATACAT GTAGTTANNNACGTATGCCA	3399
TGCAGGACCAGAGAATTCGAATACAT TATCTACNNNACGTATGCCA	2920	TGCAGGACCAGAGAATTCGAATACAG AGAACACNNNACGTATGCCA	3160	TGCAGGACCAGAGAATTCGAATACAT GGTTTAANNNACGTATGCCA	3400
TGCAGGACCAGAGAATTCGAATACAT TCTATTGNNNACGTATGCCA	2921	TGCAGGACCAGAGAATTCGAATACAC CTAAATANNNACGTATGCCA	3161	TGCAGGACCAGAGAATTCGAATACAG AGACGGCNNNACGTATGCCA	3401

FIG. 16B

Pool-13	SEQ ID NO:	Pool-14	SEQ ID NO:	Pool-15	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAC CAGTACANNNACGTATGCCA	2922	TGCAGGACCAGAGAATTCGAATACAA TTTCACTNNNACGTATGCCA	3162	TGCAGGACCAGAGAATTCGAATACAC GTCGAGCNNNACGTATGCCA	3402
TGCAGGACCAGAGAATTCGAATACAA CAGAATANNNACGTATGCCA	2923	TGCAGGACCAGAGAATTCGAATACAG TCAACGTNNNACGTATGCCA	3163	TGCAGGACCAGAGAATTCGAATACAC AACAGTCNNNACGTATGCCA	3403
TGCAGGACCAGAGAATTCGAATACAG TATATACNNNACGTATGCCA	2924	TGCAGGACCAGAGAATTCGAATACAG CGTGCTGNNNACGTATGCCA	3164	TGCAGGACCAGAGAATTCGAATACAT GTTGCGANNNACGTATGCCA	3404
TGCAGGACCAGAGAATTCGAATACAT ATTAACGNNNACGTATGCCA	2925	TGCAGGACCAGAGAATTCGAATACAA AACCCACNNNACGTATGCCA	3165	TGCAGGACCAGAGAATTCGAATACAC GTATTTTNNNACGTATGCCA	3405
TGCAGGACCAGAGAATTCGAATACAG GTTAGAGNNNACGTATGCCA	2926	TGCAGGACCAGAGAATTCGAATACAC CCCTGTGNNNACGTATGCCA	3166	TGCAGGACCAGAGAATTCGAATACAG TACGTCANNNACGTATGCCA	3406
TGCAGGACCAGAGAATTCGAATACAC TAGGATCNNNACGTATGCCA	2927	TGCAGGACCAGAGAATTCGAATACAA GTAGCCTNNNACGTATGCCA	3167	TGCAGGACCAGAGAATTCGAATACAC CTAGCGGNNNACGTATGCCA	3407
TGCAGGACCAGAGAATTCGAATACAG ACTAGGANNNACGTATGCCA	2928	TGCAGGACCAGAGAATTCGAATACAA TCCATGGNNNACGTATGCCA	3168	TGCAGGACCAGAGAATTCGAATACAA GAGCCGGNNNACGTATGCCA	3408
TGCAGGACCAGAGAATTCGAATACAA CTTATCTNNNACGTATGCCA	2929	TGCAGGACCAGAGAATTCGAATACAC GCATCTTNNNACGTATGCCA	3169	TGCAGGACCAGAGAATTCGAATACAG GCGCCCGNNNACGTATGCCA	3409
TGCAGGACCAGAGAATTCGAATACAG ACGTCCGNNNACGTATGCCA	2930	TGCAGGACCAGAGAATTCGAATACAA GAATCCCNNNACGTATGCCA	3170	TGCAGGACCAGAGAATTCGAATACAC AGCATGTNNNACGTATGCCA	3410
TGCAGGACCAGAGAATTCGAATACAA TGGAAATNNNACGTATGCCA	2931	TGCAGGACCAGAGAATTCGAATACAC CTTGTGTNNNACGTATGCCA	3171	TGCAGGACCAGAGAATTCGAATACAA GCTTAATNNNACGTATGCCA	3411
TGCAGGACCAGAGAATTCGAATACAT GTTCAGGNNNACGTATGCCA	2932	TGCAGGACCAGAGAATTCGAATACAG AAACCAGNNNACGTATGCCA	3172	TGCAGGACCAGAGAATTCGAATACAC TCACCCGNNNACGTATGCCA	3412
TGCAGGACCAGAGAATTCGAATACAT GCAATCGNNNACGTATGCCA	2933	TGCAGGACCAGAGAATTCGAATACAG GATACTCNNNACGTATGCCA	3173	TGCAGGACCAGAGAATTCGAATACAT CGGACGCNNNACGTATGCCA	3413
TGCAGGACCAGAGAATTCGAATACAT TATGGATNNNACGTATGCCA	2934	TGCAGGACCAGAGAATTCGAATACAA GGCCGAGNNNACGTATGCCA	3174	TGCAGGACCAGAGAATTCGAATACAA ACTGCGTNNNACGTATGCCA	3414
TGCAGGACCAGAGAATTCGAATACAA CATCGTGNNNACGTATGCCA	2935	TGCAGGACCAGAGAATTCGAATACAC ACTGTTCNNNACGTATGCCA	3175	TGCAGGACCAGAGAATTCGAATACAG CCTCCTGNNNACGTATGCCA	3415
TGCAGGACCAGAGAATTCGAATACAA AAGTAGTNNNACGTATGCCA	2936	TGCAGGACCAGAGAATTCGAATACAG TGGAGGCNNNACGTATGCCA	3176	TGCAGGACCAGAGAATTCGAATACAT AGTTAACNNNACGTATGCCA	3416
TGCAGGACCAGAGAATTCGAATACAT AATAACCNNNACGTATGCCA	2937	TGCAGGACCAGAGAATTCGAATACAA GTATCGCNNNACGTATGCCA	3177	TGCAGGACCAGAGAATTCGAATACAG GACTTCANNNACGTATGCCA	3417
TGCAGGACCAGAGAATTCGAATACAA TTCTCATNNNACGTATGCCA	2938	TGCAGGACCAGAGAATTCGAATACAT CGAGATCNNNACGTATGCCA	3178	TGCAGGACCAGAGAATTCGAATACAG CCGCATGNNNACGTATGCCA	3418
TGCAGGACCAGAGAATTCGAATACAA CATCCCTNNNACGTATGCCA	2939	TGCAGGACCAGAGAATTCGAATACAC GGTAGTTNNNACGTATGCCA	3179	TGCAGGACCAGAGAATTCGAATACAT GGAGTAGNNNACGTATGCCA	3419
TGCAGGACCAGAGAATTCGAATACAT GAAAGTANNNACGTATGCCA	2940	TGCAGGACCAGAGAATTCGAATACAC CGTATCTNNNACGTATGCCA	3180	TGCAGGACCAGAGAATTCGAATACAC TGTTATTNNNACGTATGCCA	3420
TGCAGGACCAGAGAATTCGAATACAG ACATTATNNNACGTATGCCA	2941	TGCAGGACCAGAGAATTCGAATACAA ACGCACTNNNACGTATGCCA	3181	TGCAGGACCAGAGAATTCGAATACAA AGAGCACNNNACGTATGCCA	3421
TGCAGGACCAGAGAATTCGAATACAG GATACGANNNACGTATGCCA	2942	TGCAGGACCAGAGAATTCGAATACAC CGATTGANNNACGTATGCCA	3182	TGCAGGACCAGAGAATTCGAATACAC GTCGAATNNNACGTATGCCA	3422
TGCAGGACCAGAGAATTCGAATACAG TACATATNNNACGTATGCCA	2943	TGCAGGACCAGAGAATTCGAATACAG CTCTAAGNNNACGTATGCCA	3183	TGCAGGACCAGAGAATTCGAATACAC TCGTGAANNNACGTATGCCA	3423
TGCAGGACCAGAGAATTCGAATACAT CATAGCGNNNACGTATGCCA	2944	TGCAGGACCAGAGAATTCGAATACAG GTGAGTANNNACGTATGCCA	3184	TGCAGGACCAGAGAATTCGAATACAG ATGGCAANNNACGTATGCCA	3424
TGCAGGACCAGAGAATTCGAATACAC TTGAACGNNNACGTATGCCA	2945	TGCAGGACCAGAGAATTCGAATACAG CCTATGANNNACGTATGCCA	3185	TGCAGGACCAGAGAATTCGAATACAT AGGTGGANNNACGTATGCCA	3425
TGCAGGACCAGAGAATTCGAATACAC TTCCCAANNNACGTATGCCA	2946	TGCAGGACCAGAGAATTCGAATACAA CGGAGCGNNNACGTATGCCA	3186	TGCAGGACCAGAGAATTCGAATACAG ATGACTCNNNACGTATGCCA	3426
TGCAGGACCAGAGAATTCGAATACAA GAGCCCCNNNACGTATGCCA	2947	TGCAGGACCAGAGAATTCGAATACAC TGTGACANNNACGTATGCCA	3187	TGCAGGACCAGAGAATTCGAATACAG CTCTGTTNNNACGTATGCCA	3427
TGCAGGACCAGAGAATTCGAATACAA TAATCACNNNACGTATGCCA	2948	TGCAGGACCAGAGAATTCGAATACAC GTCCGTCNNNACGTATGCCA	3188	TGCAGGACCAGAGAATTCGAATACAA CGCAACTNNNACGTATGCCA	3428
TGCAGGACCAGAGAATTCGAATACAG ACGACAANNNCTAGCGTTAC	2949	TGCAGGACCAGAGAATTCGAATACAA TCGTGACNNNCTAGCGTTAC	3189	TGCAGGACCAGAGAATTCGAATACAC GAATGCTNNNCTAGCGTTAC	3429
TGCAGGACCAGAGAATTCGAATACAC GAATTATNNNCTAGCGTTAC	2950	TGCAGGACCAGAGAATTCGAATACAC CATGTCTNNNCTAGCGTTAC	3190	TGCAGGACCAGAGAATTCGAATACAA GCCAATCNNNCTAGCGTTAC	3430
TGCAGGACCAGAGAATTCGAATACAC GCGCTGANNNCTAGCGTTAC	2951	TGCAGGACCAGAGAATTCGAATACAC CTTTTGGNNNCTAGCGTTAC	3191	TGCAGGACCAGAGAATTCGAATACAG CAGTTTGNNNCTAGCGTTAC	3431
TGCAGGACCAGAGAATTCGAATACAT CAATTAGNNNCTAGCGTTAC	2952	TGCAGGACCAGAGAATTCGAATACAC GCGTCGANNNCTAGCGTTAC	3192	TGCAGGACCAGAGAATTCGAATACAC GCAATGTNNNCTAGCGTTAC	3432
TGCAGGACCAGAGAATTCGAATACAA TGAGCAGNNNCTAGCGTTAC	2953	TGCAGGACCAGAGAATTCGAATACAG CCCCCATNNNCTAGCGTTAC	3193	TGCAGGACCAGAGAATTCGAATACAT GCAGTGTNNNCTAGCGTTAC	3433
TGCAGGACCAGAGAATTCGAATACAT GACTTAANNNCTAGCGTTAC	2954	TGCAGGACCAGAGAATTCGAATACAG TCTTTCGNNNCTAGCGTTAC	3194	TGCAGGACCAGAGAATTCGAATACAA GTCCATGNNNCTAGCGTTAC	3434

FIG. 16C

Pool-13	SEQ ID NO:	Pool-14	SEQ ID NO:	Pool-15	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAT GAGAATANNNCTAGCGTTAC	2955	TGCAGGACCAGAGAATTCGAATACAA TCCACGANNNCTAGCGTTAC	3195	TGCAGGACCAGAGAATTCGAATACAC TATTCATNNNCTAGCGTTAC	3435
TGCAGGACCAGAGAATTCGAATACAC TTTTTCTNNNCTAGCGTTAC	2956	TGCAGGACCAGAGAATTCGAATACAT ATGCATANNNCTAGCGTTAC	3196	TGCAGGACCAGAGAATTCGAATACAG TCGTTCTNNNCTAGCGTTAC	3436
TGCAGGACCAGAGAATTCGAATACAG TCGCAATNNNCTAGCGTTAC	2957	TGCAGGACCAGAGAATTCGAATACAG AGAAATTNNNCTAGCGTTAC	3197	TGCAGGACCAGAGAATTCGAATACAC GTTGTAGNNNCTAGCGTTAC	3437
TGCAGGACCAGAGAATTCGAATACAA TCCATCCNNNCTAGCGTTAC	2958	TGCAGGACCAGAGAATTCGAATACAC CTCAATCNNNCTAGCGTTAC	3198	TGCAGGACCAGAGAATTCGAATACAG ACAGCGGNNNCTAGCGTTAC	3438
TGCAGGACCAGAGAATTCGAATACAA GATATGANNNCTAGCGTTAC	2959	TGCAGGACCAGAGAATTCGAATACAC AAAACAANNNCTAGCGTTAC	3199	TGCAGGACCAGAGAATTCGAATACAT ACACCCTNNNCTAGCGTTAC	3439
TGCAGGACCAGAGAATTCGAATACAT AGCTACGNNNCTAGCGTTAC	2960	TGCAGGACCAGAGAATTCGAATACAG TGATGTCNNNCTAGCGTTAC	3200	TGCAGGACCAGAGAATTCGAATACAC GTTAAGCNNNCTAGCGTTAC	3440
TGCAGGACCAGAGAATTCGAATACAT TACAGGCNNNCTAGCGTTAC	2961	TGCAGGACCAGAGAATTCGAATACAT GCCGTAANNNCTAGCGTTAC	3201	TGCAGGACCAGAGAATTCGAATACAA TCGCCTTNNNCTAGCGTTAC	3441
TGCAGGACCAGAGAATTCGAATACAG ACTACACNNNCTAGCGTTAC	2962	TGCAGGACCAGAGAATTCGAATACAA GCTCTAGNNNCTAGCGTTAC	3202	TGCAGGACCAGAGAATTCGAATACAG CTATGCANNNCTAGCGTTAC	3442
TGCAGGACCAGAGAATTCGAATACAA TTTTAGGNNNCTAGCGTTAC	2963	TGCAGGACCAGAGAATTCGAATACAG GCGTGCTNNNCTAGCGTTAC	3203	TGCAGGACCAGAGAATTCGAATACAA CGCACGCNNNCTAGCGTTAC	3443
TGCAGGACCAGAGAATTCGAATACAT TTTCAGTNNNCTAGCGTTAC	2964	TGCAGGACCAGAGAATTCGAATACAG ACGTCATNNNCTAGCGTTAC	3204	TGCAGGACCAGAGAATTCGAATACAC GTCACAANNNCTAGCGTTAC	3444
TGCAGGACCAGAGAATTCGAATACAG CAGAACANNNCTAGCGTTAC	2965	TGCAGGACCAGAGAATTCGAATACAT GTATTAGNNNCTAGCGTTAC	3205	TGCAGGACCAGAGAATTCGAATACAC GCGATCGNNNCTAGCGTTAC	3445
TGCAGGACCAGAGAATTCGAATACAC GAGTAGANNNCTAGCGTTAC	2966	TGCAGGACCAGAGAATTCGAATACAA TGATTACNNNCTAGCGTTAC	3206	TGCAGGACCAGAGAATTCGAATACAG TTAGACCNNNCTAGCGTTAC	3446
TGCAGGACCAGAGAATTCGAATACAG TCGGAGGNNNCTAGCGTTAC	2967	TGCAGGACCAGAGAATTCGAATACAA CTCCGAANNNCTAGCGTTAC	3207	TGCAGGACCAGAGAATTCGAATACAT CGCGAGCNNNCTAGCGTTAC	3447
TGCAGGACCAGAGAATTCGAATACAA TGTACTANNNCTAGCGTTAC	2968	TGCAGGACCAGAGAATTCGAATACAT TCTTCCCNNNCTAGCGTTAC	3208	TGCAGGACCAGAGAATTCGAATACAT GTAAACTNNNCTAGCGTTAC	3448
TGCAGGACCAGAGAATTCGAATACAT ACTCCGTNNNCTAGCGTTAC	2969	TGCAGGACCAGAGAATTCGAATACAT CTCCTAGNNNCTAGCGTTAC	3209	TGCAGGACCAGAGAATTCGAATACAT GCCATAGNNNCTAGCGTTAC	3449
TGCAGGACCAGAGAATTCGAATACAC ACATTGGNNNCTAGCGTTAC	2970	TGCAGGACCAGAGAATTCGAATACAG ACTTATANNNCTAGCGTTAC	3210	TGCAGGACCAGAGAATTCGAATACAT AATTACGNNNCTAGCGTTAC	3450
TGCAGGACCAGAGAATTCGAATACAT TAGCAATNNNCTAGCGTTAC	2971	TGCAGGACCAGAGAATTCGAATACAC GAGTGAANNNCTAGCGTTAC	3211	TGCAGGACCAGAGAATTCGAATACAC CCGCGCCNNNCTAGCGTTAC	3451
TGCAGGACCAGAGAATTCGAATACAT CCAACGANNNCTAGCGTTAC	2972	TGCAGGACCAGAGAATTCGAATACAT ATAAATTNNNCTAGCGTTAC	3212	TGCAGGACCAGAGAATTCGAATACAC AATATCANNNCTAGCGTTAC	3452
TGCAGGACCAGAGAATTCGAATACAT TGATCCCNNNCTAGCGTTAC	2973	TGCAGGACCAGAGAATTCGAATACAG CGGTGAGNNNCTAGCGTTAC	3213	TGCAGGACCAGAGAATTCGAATACAA TTAAGGANNNCTAGCGTTAC	3453
TGCAGGACCAGAGAATTCGAATACAT ATTAATANNNCTAGCGTTAC	2974	TGCAGGACCAGAGAATTCGAATACAA GTCCCTTNNNCTAGCGTTAC	3214	TGCAGGACCAGAGAATTCGAATACAA TATACACNNNCTAGCGTTAC	3454
TGCAGGACCAGAGAATTCGAATACAT AAGTTTGNNNCTAGCGTTAC	2975	TGCAGGACCAGAGAATTCGAATACAA GACTTATNNNCTAGCGTTAC	3215	TGCAGGACCAGAGAATTCGAATACAT ATTGACANNNCTAGCGTTAC	3455
TGCAGGACCAGAGAATTCGAATACAG GCCGCGCNNNCTAGCGTTAC	2976	TGCAGGACCAGAGAATTCGAATACAT GGCACTANNNCTAGCGTTAC	3216	TGCAGGACCAGAGAATTCGAATACAA CGAAAATNNNCTAGCGTTAC	3456
TGCAGGACCAGAGAATTCGAATACAT CACACGANNNCTAGCGTTAC	2977	TGCAGGACCAGAGAATTCGAATACAA TTCCTATNNNCTAGCGTTAC	3217	TGCAGGACCAGAGAATTCGAATACAG TAGGACANNNCTAGCGTTAC	3457
TGCAGGACCAGAGAATTCGAATACAG AGTCGTTNNNCTAGCGTTAC	2978	TGCAGGACCAGAGAATTCGAATACAC TGATATANNNCTAGCGTTAC	3218	TGCAGGACCAGAGAATTCGAATACAC CCCCAGTNNNCTAGCGTTAC	3458
TGCAGGACCAGAGAATTCGAATACAA GAGCCTTNNNCTAGCGTTAC	2979	TGCAGGACCAGAGAATTCGAATACAC AAGCACTNNNCTAGCGTTAC	3219	TGCAGGACCAGAGAATTCGAATACAC CTACGTTNNNCTAGCGTTAC	3459
TGCAGGACCAGAGAATTCGAATACAC CTTGCTANNNCTAGCGTTAC	2980	TGCAGGACCAGAGAATTCGAATACAG CGCATGCNNNCTAGCGTTAC	3220	TGCAGGACCAGAGAATTCGAATACAT GGTGAGANNNCTAGCGTTAC	3460
TGCAGGACCAGAGAATTCGAATACAA TCATAGTNNNCTAGCGTTAC	2981	TGCAGGACCAGAGAATTCGAATACAT TCTCAATNNNCTAGCGTTAC	3221	TGCAGGACCAGAGAATTCGAATACAC TAGCACANNNCTAGCGTTAC	3461
TGCAGGACCAGAGAATTCGAATACAT AGCAATTNNNCTAGCGTTAC	2982	TGCAGGACCAGAGAATTCGAATACAT CGCCACCNNNCTAGCGTTAC	3222	TGCAGGACCAGAGAATTCGAATACAT CATGTAANNNCTAGCGTTAC	3462
TGCAGGACCAGAGAATTCGAATACAC AATTGTANNNCTAGCGTTAC	2983	TGCAGGACCAGAGAATTCGAATACAG GACGGACNNNCTAGCGTTAC	3223	TGCAGGACCAGAGAATTCGAATACAG GACGAATNNNCTAGCGTTAC	3463
TGCAGGACCAGAGAATTCGAATACAT TCGGCAANNNCTAGCGTTAC	2984	TGCAGGACCAGAGAATTCGAATACAC GAACAGANNNCTAGCGTTAC	3224	TGCAGGACCAGAGAATTCGAATACAG GATGGCGNNNCTAGCGTTAC	3464
TGCAGGACCAGAGAATTCGAATACAC CTAGTCTNNNCTAGCGTTAC	2985	TGCAGGACCAGAGAATTCGAATACAT ATCTCGCNNNCTAGCGTTAC	3225	TGCAGGACCAGAGAATTCGAATACAT CCCAGTTNNNCTAGCGTTAC	3465
TGCAGGACCAGAGAATTCGAATACAC TAGGCTANNNCTAGCGTTAC	2986	TGCAGGACCAGAGAATTCGAATACAT GCATCAGNNNCTAGCGTTAC	3226	TGCAGGACCAGAGAATTCGAATACAC GAGACAANNNCTAGCGTTAC	3466
TGCAGGACCAGAGAATTCGAATACAA ATCAATCNNNCTAGCGTTAC	2987	TGCAGGACCAGAGAATTCGAATACAC CTAAAGCNNNCTAGCGTTAC	3227	TGCAGGACCAGAGAATTCGAATACAC AATACCGNNNCTAGCGTTAC	3467

FIG. 16D

Pool-13	SEQ ID NO:	Pool-14	SEQ ID NO:	Pool-15	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAG CCCTCGTNNNCTAGCGTTAC	2988	TGCAGGACCAGAGAATTCGAATACAT TTGACAANNNCTAGCGTTAC	3228	TGCAGGACCAGAGAATTCGAATACAT TTATGTCNNNCTAGCGTTAC	3468
TGCAGGACCAGAGAATTCGAATACAA GGTTGAGNNNCTAGCGTTAC	2989	TGCAGGACCAGAGAATTCGAATACAC CCGCCATNNNCTAGCGTTAC	3229	TGCAGGACCAGAGAATTCGAATACAT GGTAACCNNNCTAGCGTTAC	3469
TGCAGGACCAGAGAATTCGAATACAC AGCCAGCNNNCTAGCGTTAC	2990	TGCAGGACCAGAGAATTCGAATACAT TGCATAANNNCTAGCGTTAC	3230	TGCAGGACCAGAGAATTCGAATACAA GCCCATANNNCTAGCGTTAC	3470
TGCAGGACCAGAGAATTCGAATACAA CTAATGTNNNCTAGCGTTAC	2991	TGCAGGACCAGAGAATTCGAATACAA CAGAGCANNNCTAGCGTTAC	3231	TGCAGGACCAGAGAATTCGAATACAA TCCTCCANNNCTAGCGTTAC	3471
TGCAGGACCAGAGAATTCGAATACAG GTAAGACNNNCTAGCGTTAC	2992	TGCAGGACCAGAGAATTCGAATACAG GTACGTTNNNCTAGCGTTAC	3232	TGCAGGACCAGAGAATTCGAATACAT TTTTGACNNNCTAGCGTTAC	3472
TGCAGGACCAGAGAATTCGAATACAC TCGCGAGNNNCTAGCGTTAC	2993	TGCAGGACCAGAGAATTCGAATACAG ATGCACTNNNCTAGCGTTAC	3233	TGCAGGACCAGAGAATTCGAATACAA TAGCCTGNNNCTAGCGTTAC	3473
TGCAGGACCAGAGAATTCGAATACAC TGCCGCTNNNCTAGCGTTAC	2994	TGCAGGACCAGAGAATTCGAATACAA TCTAAACNNNCTAGCGTTAC	3234	TGCAGGACCAGAGAATTCGAATACAG GAGTCTTNNNCTAGCGTTAC	3474
TGCAGGACCAGAGAATTCGAATACAA CTGCGGCNNNCTAGCGTTAC	2995	TGCAGGACCAGAGAATTCGAATACAA CGAGAACNNNCTAGCGTTAC	3235	TGCAGGACCAGAGAATTCGAATACAA CCCCACCNNNCTAGCGTTAC	3475
TGCAGGACCAGAGAATTCGAATACAC CTCTACANNNCTAGCGTTAC	2996	TGCAGGACCAGAGAATTCGAATACAC CGCAAGCNNNCTAGCGTTAC	3236	TGCAGGACCAGAGAATTCGAATACAC GCGGCATNNNCTAGCGTTAC	3476
TGCAGGACCAGAGAATTCGAATACAT GGCCACGNNNCTAGCGTTAC	2997	TGCAGGACCAGAGAATTCGAATACAA CGACAAGNNNCTAGCGTTAC	3237	TGCAGGACCAGAGAATTCGAATACAT CCAGACANNNCTAGCGTTAC	3477
TGCAGGACCAGAGAATTCGAATACAA CGCAATCNNNCTAGCGTTAC	2998	TGCAGGACCAGAGAATTCGAATACAC GCCGATGNNNCTAGCGTTAC	3238	TGCAGGACCAGAGAATTCGAATACAA AATGCAANNNCTAGCGTTAC	3478
TGCAGGACCAGAGAATTCGAATACAG GTTTGCANNNCTAGCGTTAC	2999	TGCAGGACCAGAGAATTCGAATACAA ATCCAGCNNNCTAGCGTTAC	3239	TGCAGGACCAGAGAATTCGAATACAA ATTCGCGNNNCTAGCGTTAC	3479
TGCAGGACCAGAGAATTCGAATACAG GTTAGGANNNCTAGCGTTAC	3000	TGCAGGACCAGAGAATTCGAATACAA TTAATGCNNNCTAGCGTTAC	3240	TGCAGGACCAGAGAATTCGAATACAG TGTCCTTNNNCTAGCGTTAC	3480
TGCAGGACCAGAGAATTCGAATACAT CCTCGGCNNNCTAGCGTTAC	3001	TGCAGGACCAGAGAATTCGAATACAG CGCTTCCNNNCTAGCGTTAC	3241	TGCAGGACCAGAGAATTCGAATACAC ATGTAATNNNCTAGCGTTAC	3481
TGCAGGACCAGAGAATTCGAATACAA AACACGGNNNCTAGCGTTAC	3002	TGCAGGACCAGAGAATTCGAATACAT ACAATTGNNNCTAGCGTTAC	3242	TGCAGGACCAGAGAATTCGAATACAA CGCATACNNNCTAGCGTTAC	3482
TGCAGGACCAGAGAATTCGAATACAG AAAATCANNNCTAGCGTTAC	3003	TGCAGGACCAGAGAATTCGAATACAG TGGAACANNNCTAGCGTTAC	3243	TGCAGGACCAGAGAATTCGAATACAA TGCCCCCNNNCTAGCGTTAC	3483
TGCAGGACCAGAGAATTCGAATACAC GTATCTCNNNCTAGCGTTAC	3004	TGCAGGACCAGAGAATTCGAATACAC TCTGTGTNNNCTAGCGTTAC	3244	TGCAGGACCAGAGAATTCGAATACAC TCCCCAGNNNCTAGCGTTAC	3484
TGCAGGACCAGAGAATTCGAATACAC GGCCACANNNCTAGCGTTAC	3005	TGCAGGACCAGAGAATTCGAATACAT GCAGTACNNNCTAGCGTTAC	3245	TGCAGGACCAGAGAATTCGAATACAT CTACTTANNNCTAGCGTTAC	3485
TGCAGGACCAGAGAATTCGAATACAT CATTCATNNNCTAGCGTTAC	3006	TGCAGGACCAGAGAATTCGAATACAG ACAACTCNNNCTAGCGTTAC	3246	TGCAGGACCAGAGAATTCGAATACAT ACCGGTANNNCTAGCGTTAC	3486
TGCAGGACCAGAGAATTCGAATACAA TAGATGANNNCTAGCGTTAC	3007	TGCAGGACCAGAGAATTCGAATACAC GAGAGGCNNNCTAGCGTTAC	3247	TGCAGGACCAGAGAATTCGAATACAA ACCTATANNNCTAGCGTTAC	3487
TGCAGGACCAGAGAATTCGAATACAG CACTGCGNNNCTAGCGTTAC	3008	TGCAGGACCAGAGAATTCGAATACAC TAAATGTNNNCTAGCGTTAC	3248	TGCAGGACCAGAGAATTCGAATACAG CGACTGCNNNCTAGCGTTAC	3488
TGCAGGACCAGAGAATTCGAATACAA CTCCCTANNNGATCGACATG	3009	TGCAGGACCAGAGAATTCGAATACAG GCTCACGNNNGATCGACATG	3249	TGCAGGACCAGAGAATTCGAATACAC GAGTCTANNNGATCGACATG	3489
TGCAGGACCAGAGAATTCGAATACAA CAAAACANNNGATCGACATG	3010	TGCAGGACCAGAGAATTCGAATACAA CGTTTCCNNNGATCGACATG	3250	TGCAGGACCAGAGAATTCGAATACAT ATGAAAGNNNGATCGACATG	3490
TGCAGGACCAGAGAATTCGAATACAT ATGTACANNNGATCGACATG	3011	TGCAGGACCAGAGAATTCGAATACAT GCCAGTANNNGATCGACATG	3251	TGCAGGACCAGAGAATTCGAATACAA CTGGCCGNNNGATCGACATG	3491
TGCAGGACCAGAGAATTCGAATACAT CGGTCTTNNNGATCGACATG	3012	TGCAGGACCAGAGAATTCGAATACAG TAAGTGGNNNGATCGACATG	3252	TGCAGGACCAGAGAATTCGAATACAC AACCATGNNNGATCGACATG	3492
TGCAGGACCAGAGAATTCGAATACAT CCATATTNNNGATCGACATG	3013	TGCAGGACCAGAGAATTCGAATACAC ACCTACTNNNGATCGACATG	3253	TGCAGGACCAGAGAATTCGAATACAA AGGTAGCNNNGATCGACATG	3493
TGCAGGACCAGAGAATTCGAATACAA TGACTCGNNNGATCGACATG	3014	TGCAGGACCAGAGAATTCGAATACAG ATTTGATNNNGATCGACATG	3254	TGCAGGACCAGAGAATTCGAATACAT TCTCAGCNNNGATCGACATG	3494
TGCAGGACCAGAGAATTCGAATACAT AATCTCTNNNGATCGACATG	3015	TGCAGGACCAGAGAATTCGAATACAA ACTACATNNNGATCGACATG	3255	TGCAGGACCAGAGAATTCGAATACAT TCAGGTGNNNGATCGACATG	3495
TGCAGGACCAGAGAATTCGAATACAG AATACTTNNNGATCGACATG	3016	TGCAGGACCAGAGAATTCGAATACAG CCTTGAANNNGATCGACATG	3256	TGCAGGACCAGAGAATTCGAATACAC CAATCCTNNNGATCGACATG	3496
TGCAGGACCAGAGAATTCGAATACAC CACTAGANNNGATCGACATG	3017	TGCAGGACCAGAGAATTCGAATACAT AATATTANNNGATCGACATG	3257	TGCAGGACCAGAGAATTCGAATACAG ACAGTTCNNNGATCGACATG	3497
TGCAGGACCAGAGAATTCGAATACAT TTGGACGNNNGATCGACATG	3018	TGCAGGACCAGAGAATTCGAATACAG GTTTAATNNNGATCGACATG	3258	TGCAGGACCAGAGAATTCGAATACAA TCTTTACNNNGATCGACATG	3498
TGCAGGACCAGAGAATTCGAATACAG AAGTCCTNNNGATCGACATG	3019	TGCAGGACCAGAGAATTCGAATACAC CCACCGTNNNGATCGACATG	3259	TGCAGGACCAGAGAATTCGAATACAG CAATATTNNNGATCGACATG	3499
TGCAGGACCAGAGAATTCGAATACAC CTATGCTNNNGATCGACATG	3020	TGCAGGACCAGAGAATTCGAATACAC TACTTCGNNNGATCGACATG	3260	TGCAGGACCAGAGAATTCGAATACAG TCTCCATNNNGATCGACATG	3500

FIG. 16E

Pool-13	SEQ ID NO:	Pool-14	SEQ ID NO:	Pool-15	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAT CGATGTGNNNGATCGACATG	3021	TGCAGGACCAGAGAATTCGAATACAA TGCGTCANNNGATCGACATG	3261	TGCAGGACCAGAGAATTCGAATACAC AACAATTNNNGATCGACATG	3501
TGCAGGACCAGAGAATTCGAATACAT GTACACGNNNGATCGACATG	3022	TGCAGGACCAGAGAATTCGAATACAA ACATGTTNNNGATCGACATG	3262	TGCAGGACCAGAGAATTCGAATACAT CGTAGACNNNGATCGACATG	3502
TGCAGGACCAGAGAATTCGAATACAT CTTTAGTNNNGATCGACATG	3023	TGCAGGACCAGAGAATTCGAATACAC CTGTTTGNNNGATCGACATG	3263	TGCAGGACCAGAGAATTCGAATACAG TAGATAANNNGATCGACATG	3503
TGCAGGACCAGAGAATTCGAATACAC GTAGGCCNNNGATCGACATG	3024	TGCAGGACCAGAGAATTCGAATACAC ACAAGCTNNNGATCGACATG	3264	TGCAGGACCAGAGAATTCGAATACAA CATATACNNNGATCGACATG	3504
TGCAGGACCAGAGAATTCGAATACAA CCTTTATNNNGATCGACATG	3025	TGCAGGACCAGAGAATTCGAATACAG ATAAGATNNNGATCGACATG	3265	TGCAGGACCAGAGAATTCGAATACAC ACGACGCNNNGATCGACATG	3505
TGCAGGACCAGAGAATTCGAATACAC GTCTATCNNNGATCGACATG	3026	TGCAGGACCAGAGAATTCGAATACAA GACCTCANNNGATCGACATG	3266	TGCAGGACCAGAGAATTCGAATACAC ACAAAAANNNGATCGACATG	3506
TGCAGGACCAGAGAATTCGAATACAG TAGAAATNNNGATCGACATG	3027	TGCAGGACCAGAGAATTCGAATACAC TCCAAGANNNGATCGACATG	3267	TGCAGGACCAGAGAATTCGAATACAC GTACCGGNNNGATCGACATG	3507
TGCAGGACCAGAGAATTCGAATACAC GTACCAANNNGATCGACATG	3028	TGCAGGACCAGAGAATTCGAATACAG GTATTCGNNNGATCGACATG	3268	TGCAGGACCAGAGAATTCGAATACAC CACAATGNNNGATCGACATG	3508
TGCAGGACCAGAGAATTCGAATACAC ACCACCCNNNGATCGACATG	3029	TGCAGGACCAGAGAATTCGAATACAA CTCGGATNNNGATCGACATG	3269	TGCAGGACCAGAGAATTCGAATACAC GCTCTGCNNNGATCGACATG	3509
TGCAGGACCAGAGAATTCGAATACAT GCGGCGTNNNGATCGACATG	3030	TGCAGGACCAGAGAATTCGAATACAT ATATCGANNNGATCGACATG	3270	TGCAGGACCAGAGAATTCGAATACAG TCAAGCTNNNGATCGACATG	3510
TGCAGGACCAGAGAATTCGAATACAG CCCCCCGNNNGATCGACATG	3031	TGCAGGACCAGAGAATTCGAATACAA TCCACTCNNNGATCGACATG	3271	TGCAGGACCAGAGAATTCGAATACAA CTCTTCGNNNGATCGACATG	3511
TGCAGGACCAGAGAATTCGAATACAT AGTAAGANNNGATCGACATG	3032	TGCAGGACCAGAGAATTCGAATACAG AACTGGANNNGATCGACATG	3272	TGCAGGACCAGAGAATTCGAATACAA ACACGGANNNGATCGACATG	3512
TGCAGGACCAGAGAATTCGAATACAT CTGAATANNNGATCGACATG	3033	TGCAGGACCAGAGAATTCGAATACAG ATCAGAGNNNGATCGACATG	3273	TGCAGGACCAGAGAATTCGAATACAA CCGCGCANNNGATCGACATG	3513
TGCAGGACCAGAGAATTCGAATACAC TAATACANNNGATCGACATG	3034	TGCAGGACCAGAGAATTCGAATACAT TGAACTANNNGATCGACATG	3274	TGCAGGACCAGAGAATTCGAATACAC ACCTTGTNNNGATCGACATG	3514
TGCAGGACCAGAGAATTCGAATACAA TGTCACGNNNGATCGACATG	3035	TGCAGGACCAGAGAATTCGAATACAG CCAGCCANNNGATCGACATG	3275	TGCAGGACCAGAGAATTCGAATACAT TATGCGGNNNGATCGACATG	3515
TGCAGGACCAGAGAATTCGAATACAA ACAGAATNNNGATCGACATG	3036	TGCAGGACCAGAGAATTCGAATACAT TTACTGTNNNGATCGACATG	3276	TGCAGGACCAGAGAATTCGAATACAG ACTCTTCNNNGATCGACATG	3516
TGCAGGACCAGAGAATTCGAATACAG CCCAGGTNNNGATCGACATG	3037	TGCAGGACCAGAGAATTCGAATACAT GTCAGGTNNNGATCGACATG	3277	TGCAGGACCAGAGAATTCGAATACAG AGTCTTGNNNGATCGACATG	3517
TGCAGGACCAGAGAATTCGAATACAG CTCATGANNNGATCGACATG	3038	TGCAGGACCAGAGAATTCGAATACAC AGCGTTANNNGATCGACATG	3278	TGCAGGACCAGAGAATTCGAATACAT AGAATCTNNNGATCGACATG	3518
TGCAGGACCAGAGAATTCGAATACAC CGGTCGANNNGATCGACATG	3039	TGCAGGACCAGAGAATTCGAATACAT GTGATCGNNNGATCGACATG	3279	TGCAGGACCAGAGAATTCGAATACAC GACCACGNNNGATCGACATG	3519
TGCAGGACCAGAGAATTCGAATACAC AATTCCCNNNGATCGACATG	3040	TGCAGGACCAGAGAATTCGAATACAG CTCGTAANNNGATCGACATG	3280	TGCAGGACCAGAGAATTCGAATACAT GGATTCGNNNGATCGACATG	3520
TGCAGGACCAGAGAATTCGAATACAC CAGGCCANNNGATCGACATG	3041	TGCAGGACCAGAGAATTCGAATACAA TTCTACTNNNGATCGACATG	3281	TGCAGGACCAGAGAATTCGAATACAC GACTAGTNNNGATCGACATG	3521
TGCAGGACCAGAGAATTCGAATACAC CTGCGGANNNGATCGACATG	3042	TGCAGGACCAGAGAATTCGAATACAG ATCAGTCNNNGATCGACATG	3282	TGCAGGACCAGAGAATTCGAATACAC CCAAAACNNNGATCGACATG	3522
TGCAGGACCAGAGAATTCGAATACAG CTAAAGGNNNGATCGACATG	3043	TGCAGGACCAGAGAATTCGAATACAG GATTATTNNNGATCGACATG	3283	TGCAGGACCAGAGAATTCGAATACAT GACCCCCNNNGATCGACATG	3523
TGCAGGACCAGAGAATTCGAATACAT TTAAGGTNNNGATCGACATG	3044	TGCAGGACCAGAGAATTCGAATACAC CATTCGTNNNGATCGACATG	3284	TGCAGGACCAGAGAATTCGAATACAG CATTAGCNNNGATCGACATG	3524
TGCAGGACCAGAGAATTCGAATACAA AACGTAANNNGATCGACATG	3045	TGCAGGACCAGAGAATTCGAATACAG TACATGCNNNGATCGACATG	3285	TGCAGGACCAGAGAATTCGAATACAG CCAGATTNNNGATCGACATG	3525
TGCAGGACCAGAGAATTCGAATACAA ATTTGGTNNNGATCGACATG	3046	TGCAGGACCAGAGAATTCGAATACAC GTCGCAGNNNGATCGACATG	3286	TGCAGGACCAGAGAATTCGAATACAA CAACTATNNNGATCGACATG	3526
TGCAGGACCAGAGAATTCGAATACAA CGTTAGCNNNGATCGACATG	3047	TGCAGGACCAGAGAATTCGAATACAT ATTTGTCNNNGATCGACATG	3287	TGCAGGACCAGAGAATTCGAATACAG TAGGTCTNNNGATCGACATG	3527
TGCAGGACCAGAGAATTCGAATACAA AGTTTTGNNNGATCGACATG	3048	TGCAGGACCAGAGAATTCGAATACAA CAGTCCANNNGATCGACATG	3288	TGCAGGACCAGAGAATTCGAATACAA ATAAGGTNNNGATCGACATG	3528
TGCAGGACCAGAGAATTCGAATACAA GCGTTCANNNGATCGACATG	3049	TGCAGGACCAGAGAATTCGAATACAG CGATTGTNNNGATCGACATG	3289	TGCAGGACCAGAGAATTCGAATACAA AGAGAAANNNGATCGACATG	3529
TGCAGGACCAGAGAATTCGAATACAG GACTTGTNNNGATCGACATG	3050	TGCAGGACCAGAGAATTCGAATACAC CTGGAATNNNGATCGACATG	3290	TGCAGGACCAGAGAATTCGAATACAT TTTGTGTNNNGATCGACATG	3530
TGCAGGACCAGAGAATTCGAATACAC GTCAGATNNNGATCGACATG	3051	TGCAGGACCAGAGAATTCGAATACAA CGAGCAANNNGATCGACATG	3291	TGCAGGACCAGAGAATTCGAATACAA GGCGTTTNNNGATCGACATG	3531
TGCAGGACCAGAGAATTCGAATACAC CAGAAGANNNGATCGACATG	3052	TGCAGGACCAGAGAATTCGAATACAA CACCAACNNNGATCGACATG	3292	TGCAGGACCAGAGAATTCGAATACAA AAAGCTANNNGATCGACATG	3532
TGCAGGACCAGAGAATTCGAATACAG CGATCTANNNGATCGACATG	3053	TGCAGGACCAGAGAATTCGAATACAT TTAGTCTNNNGATCGACATG	3293	TGCAGGACCAGAGAATTCGAATACAA CCGGATTNNNGATCGACATG	3533

FIG. 16F

Pool-13	SEQ ID NO:	Pool-14	SEQ ID NO:	Pool-15	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAA TCACCGANNNGATCGACATG	3054	TGCAGGACCAGAGAATTCGAATACAT GTAGCTGNNNGATCGACATG	3294	TGCAGGACCAGAGAATTCGAATACAC TCAAATANNNGATCGACATG	3534
TGCAGGACCAGAGAATTCGAATACAA CACTAATNNNGATCGACATG	3055	TGCAGGACCAGAGAATTCGAATACAG GCTTACANNNGATCGACATG	3295	TGCAGGACCAGAGAATTCGAATACAC GAGAACANNNGATCGACATG	3535
TGCAGGACCAGAGAATTCGAATACAA TATGAAGNNNGATCGACATG	3056	TGCAGGACCAGAGAATTCGAATACAC GACCAGCNNNGATCGACATG	3296	TGCAGGACCAGAGAATTCGAATACAC CCAGGACNNNGATCGACATG	3536
TGCAGGACCAGAGAATTCGAATACAA GTAAGCGNNNGATCGACATG	3057	TGCAGGACCAGAGAATTCGAATACAG CCAAAAGNNNGATCGACATG	3297	TGCAGGACCAGAGAATTCGAATACAC CAGCTCCNNNGATCGACATG	3537
TGCAGGACCAGAGAATTCGAATACAG ACGCTATNNNGATCGACATG	3058	TGCAGGACCAGAGAATTCGAATACAC GAGGTAANNNGATCGACATG	3298	TGCAGGACCAGAGAATTCGAATACAT ATACATGNNNGATCGACATG	3538
TGCAGGACCAGAGAATTCGAATACAT GACATCGNNNGATCGACATG	3059	TGCAGGACCAGAGAATTCGAATACAC AGTCATGNNNGATCGACATG	3299	TGCAGGACCAGAGAATTCGAATACAT ATAGTTGNNNGATCGACATG	3539
TGCAGGACCAGAGAATTCGAATACAG CAGAAACNNNGATCGACATG	3060	TGCAGGACCAGAGAATTCGAATACAT GACCACANNNGATCGACATG	3300	TGCAGGACCAGAGAATTCGAATACAC ATAGTTANNNGATCGACATG	3540
TGCAGGACCAGAGAATTCGAATACAT TTTTGCANNNGATCGACATG	3061	TGCAGGACCAGAGAATTCGAATACAG GAACACANNNGATCGACATG	3301	TGCAGGACCAGAGAATTCGAATACAT TCATTACNNNGATCGACATG	3541
TGCAGGACCAGAGAATTCGAATACAC TACCCGCNNNGATCGACATG	3062	TGCAGGACCAGAGAATTCGAATACAT AGTAATCNNNGATCGACATG	3302	TGCAGGACCAGAGAATTCGAATACAT GCTACCTNNNGATCGACATG	3542
TGCAGGACCAGAGAATTCGAATACAA TAATGCTNNNGATCGACATG	3063	TGCAGGACCAGAGAATTCGAATACAC CGACGGTNNNGATCGACATG	3303	TGCAGGACCAGAGAATTCGAATACAG TAGCTTGNNNGATCGACATG	3543
TGCAGGACCAGAGAATTCGAATACAA AGCAGTGNNNGATCGACATG	3064	TGCAGGACCAGAGAATTCGAATACAT TGCCTTGNNNGATCGACATG	3304	TGCAGGACCAGAGAATTCGAATACAC CGGATATNNNGATCGACATG	3544
TGCAGGACCAGAGAATTCGAATACAA CACGTCANNNGATCGACATG	3065	TGCAGGACCAGAGAATTCGAATACAG AGCGGCANNNGATCGACATG	3305	TGCAGGACCAGAGAATTCGAATACAC AGCCGCANNNGATCGACATG	3545
TGCAGGACCAGAGAATTCGAATACAG TAATACTNNNGATCGACATG	3066	TGCAGGACCAGAGAATTCGAATACAG GCCTGCANNNGATCGACATG	3306	TGCAGGACCAGAGAATTCGAATACAG ATCCTCTNNNGATCGACATG	3546
TGCAGGACCAGAGAATTCGAATACAA ACAAACANNNGATCGACATG	3067	TGCAGGACCAGAGAATTCGAATACAT CGTCAAGNNNGATCGACATG	3307	TGCAGGACCAGAGAATTCGAATACAA GTACCCANNNGATCGACATG	3547
TGCAGGACCAGAGAATTCGAATACAT ACATGGCNNNGATCGACATG	3068	TGCAGGACCAGAGAATTCGAATACAG GACGGCANNNGATCGACATG	3308	TGCAGGACCAGAGAATTCGAATACAA CGGAGTANNNGATCGACATG	3548
TGCAGGACCAGAGAATTCGAATACAC GTGTCAANNNTGCATCAGGT	3069	TGCAGGACCAGAGAATTCGAATACAG CATGCCGNNNTGCATCAGGT	3309	TGCAGGACCAGAGAATTCGAATACAG TAAAAGTNNNTGCATCAGGT	3549
TGCAGGACCAGAGAATTCGAATACAC TTTAACTNNNTGCATCAGGT	3070	TGCAGGACCAGAGAATTCGAATACAC GTCTAAGNNNTGCATCAGGT	3310	TGCAGGACCAGAGAATTCGAATACAT AGGTGTCNNNTGCATCAGGT	3550
TGCAGGACCAGAGAATTCGAATACAG TAAGGTGNNNTGCATCAGGT	3071	TGCAGGACCAGAGAATTCGAATACAG CGTGATTNNNTGCATCAGGT	3311	TGCAGGACCAGAGAATTCGAATACAT AGACCGTNNNTGCATCAGGT	3551
TGCAGGACCAGAGAATTCGAATACAG AATAGCGNNNTGCATCAGGT	3072	TGCAGGACCAGAGAATTCGAATACAT TAGTCCCNNNTGCATCAGGT	3312	TGCAGGACCAGAGAATTCGAATACAG CTCGTTTNNNTGCATCAGGT	3552
TGCAGGACCAGAGAATTCGAATACAT AATTAATNNNTGCATCAGGT	3073	TGCAGGACCAGAGAATTCGAATACAT GGCATTGNNNTGCATCAGGT	3313	TGCAGGACCAGAGAATTCGAATACAA AATCTTGNNNTGCATCAGGT	3553
TGCAGGACCAGAGAATTCGAATACAC TCTTGTGNNNTGCATCAGGT	3074	TGCAGGACCAGAGAATTCGAATACAG ACGGTGGNNNTGCATCAGGT	3314	TGCAGGACCAGAGAATTCGAATACAG ACCAACTNNNTGCATCAGGT	3554
TGCAGGACCAGAGAATTCGAATACAT GCGCGTGNNNTGCATCAGGT	3075	TGCAGGACCAGAGAATTCGAATACAG CGCTTTTNNNTGCATCAGGT	3315	TGCAGGACCAGAGAATTCGAATACAT CACCTACNNNTGCATCAGGT	3555
TGCAGGACCAGAGAATTCGAATACAG ACGAAACNNNTGCATCAGGT	3076	TGCAGGACCAGAGAATTCGAATACAC GTGGACCNNNTGCATCAGGT	3316	TGCAGGACCAGAGAATTCGAATACAG TTAATTGNNNTGCATCAGGT	3556
TGCAGGACCAGAGAATTCGAATACAC GTTTAGGNNNTGCATCAGGT	3077	TGCAGGACCAGAGAATTCGAATACAA TGTCTTTNNNTGCATCAGGT	3317	TGCAGGACCAGAGAATTCGAATACAG CAATTATNNNTGCATCAGGT	3557
TGCAGGACCAGAGAATTCGAATACAG TAGCCTANNNTGCATCAGGT	3078	TGCAGGACCAGAGAATTCGAATACAT GAAAGCGNNNTGCATCAGGT	3318	TGCAGGACCAGAGAATTCGAATACAA ACGAGACNNNTGCATCAGGT	3558
TGCAGGACCAGAGAATTCGAATACAA TTCCCTGNNNTGCATCAGGT	3079	TGCAGGACCAGAGAATTCGAATACAC CGTGCGANNNTGCATCAGGT	3319	TGCAGGACCAGAGAATTCGAATACAA TCGGCATNNNTGCATCAGGT	3559
TGCAGGACCAGAGAATTCGAATACAA ACGAAATNNNTGCATCAGGT	3080	TGCAGGACCAGAGAATTCGAATACAT ACAACATNNNTGCATCAGGT	3320	TGCAGGACCAGAGAATTCGAATACAC CACACGGNNNTGCATCAGGT	3560
TGCAGGACCAGAGAATTCGAATACAA ACCCCCCNNNTGCATCAGGT	3081	TGCAGGACCAGAGAATTCGAATACAA TTACTCTNNNTGCATCAGGT	3321	TGCAGGACCAGAGAATTCGAATACAG GCCAGGANNNTGCATCAGGT	3561
TGCAGGACCAGAGAATTCGAATACAC TATGATANNNTGCATCAGGT	3082	TGCAGGACCAGAGAATTCGAATACAG TTCCCTANNNTGCATCAGGT	3322	TGCAGGACCAGAGAATTCGAATACAG AGGAGTTNNNTGCATCAGGT	3562
TGCAGGACCAGAGAATTCGAATACAT ACATGATNNNTGCATCAGGT	3083	TGCAGGACCAGAGAATTCGAATACAC ACACGGCNNNTGCATCAGGT	3323	TGCAGGACCAGAGAATTCGAATACAC CACCGCTNNNTGCATCAGGT	3563
TGCAGGACCAGAGAATTCGAATACAT GTACATANNNTGCATCAGGT	3084	TGCAGGACCAGAGAATTCGAATACAT AGAATTCNNNTGCATCAGGT	3324	TGCAGGACCAGAGAATTCGAATACAA CGATGAGNNNTGCATCAGGT	3564
TGCAGGACCAGAGAATTCGAATACAT ACGAAAANNNTGCATCAGGT	3085	TGCAGGACCAGAGAATTCGAATACAG TTGAAGGNNNTGCATCAGGT	3325	TGCAGGACCAGAGAATTCGAATACAT TAGCATANNNTGCATCAGGT	3565
TGCAGGACCAGAGAATTCGAATACAC ATAACATNNNTGCATCAGGT	3086	TGCAGGACCAGAGAATTCGAATACAC TTAACTTNNNTGCATCAGGT	3326	TGCAGGACCAGAGAATTCGAATACAA GTCCCAANNNTGCATCAGGT	3566

FIG. 16G

Pool-13	SEQ ID NO:	Pool-14	SEQ ID NO:	Pool-15	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAG GAGAATCNNNTGCATCAGGT	3087	TGCAGGACCAGAGAATTCGAATACAA CTTACCCNNNTGCATCAGGT	3327	TGCAGGACCAGAGAATTCGAATACAA GCCTCTTNNNTGCATCAGGT	3567
TGCAGGACCAGAGAATTCGAATACAT CTTGTCGNNNTGCATCAGGT	3088	TGCAGGACCAGAGAATTCGAATACAG AGTTCGTNNNTGCATCAGGT	3328	TGCAGGACCAGAGAATTCGAATACAT CACCATCNNNTGCATCAGGT	3568
TGCAGGACCAGAGAATTCGAATACAT AAGCGCTNNNTGCATCAGGT	3089	TGCAGGACCAGAGAATTCGAATACAT TTCCAATNNNTGCATCAGGT	3329	TGCAGGACCAGAGAATTCGAATACAC TCATCACNNNTGCATCAGGT	3569
TGCAGGACCAGAGAATTCGAATACAT TCTAGAANNNTGCATCAGGT	3090	TGCAGGACCAGAGAATTCGAATACAA TAAGTTCNNNTGCATCAGGT	3330	TGCAGGACCAGAGAATTCGAATACAA CGGCGAGNNNTGCATCAGGT	3570
TGCAGGACCAGAGAATTCGAATACAT TGCTTGCNNNTGCATCAGGT	3091	TGCAGGACCAGAGAATTCGAATACAA ATGTACTNNNTGCATCAGGT	3331	TGCAGGACCAGAGAATTCGAATACAC TCGGACGNNNTGCATCAGGT	3571
TGCAGGACCAGAGAATTCGAATACAC AGCGTATNNNTGCATCAGGT	3092	TGCAGGACCAGAGAATTCGAATACAG TCCAAGTNNNTGCATCAGGT	3332	TGCAGGACCAGAGAATTCGAATACAT ACGGCATNNNTGCATCAGGT	3572
TGCAGGACCAGAGAATTCGAATACAA AGGAGCTNNNTGCATCAGGT	3093	TGCAGGACCAGAGAATTCGAATACAT CGACCAANNNTGCATCAGGT	3333	TGCAGGACCAGAGAATTCGAATACAT TTAGTAGNNNTGCATCAGGT	3573
TGCAGGACCAGAGAATTCGAATACAC ATGCCTTNNNTGCATCAGGT	3094	TGCAGGACCAGAGAATTCGAATACAC TCGATAGNNNTGCATCAGGT	3334	TGCAGGACCAGAGAATTCGAATACAA GGAAGAGNNNTGCATCAGGT	3574
TGCAGGACCAGAGAATTCGAATACAC GCGGTGTNNNTGCATCAGGT	3095	TGCAGGACCAGAGAATTCGAATACAA CTTCCCANNNTGCATCAGGT	3335	TGCAGGACCAGAGAATTCGAATACAC CGCGCAANNNTGCATCAGGT	3575
TGCAGGACCAGAGAATTCGAATACAC TGAAAGGNNNTGCATCAGGT	3096	TGCAGGACCAGAGAATTCGAATACAT TAGATTGNNNTGCATCAGGT	3336	TGCAGGACCAGAGAATTCGAATACAG TCGTGGCNNNTGCATCAGGT	3576
TGCAGGACCAGAGAATTCGAATACAA GTTACGCNNNTGCATCAGGT	3097	TGCAGGACCAGAGAATTCGAATACAC ATTGCGANNNTGCATCAGGT	3337	TGCAGGACCAGAGAATTCGAATACAA TACACTANNNTGCATCAGGT	3577
TGCAGGACCAGAGAATTCGAATACAG CTAAGCTNNNTGCATCAGGT	3098	TGCAGGACCAGAGAATTCGAATACAC AGCACATNNNTGCATCAGGT	3338	TGCAGGACCAGAGAATTCGAATACAC CACGCCTNNNTGCATCAGGT	3578
TGCAGGACCAGAGAATTCGAATACAT CGCAGTANNNTGCATCAGGT	3099	TGCAGGACCAGAGAATTCGAATACAC CCGGCAANNNTGCATCAGGT	3339	TGCAGGACCAGAGAATTCGAATACAT GAAGTGGNNNTGCATCAGGT	3579
TGCAGGACCAGAGAATTCGAATACAC AGATCGTNNNTGCATCAGGT	3100	TGCAGGACCAGAGAATTCGAATACAA CAGATGGNNNTGCATCAGGT	3340	TGCAGGACCAGAGAATTCGAATACAG AGTTGTCNNNTGCATCAGGT	3580
TGCAGGACCAGAGAATTCGAATACAC GAAAAATNNNTGCATCAGGT	3101	TGCAGGACCAGAGAATTCGAATACAT GCGTATGNNNTGCATCAGGT	3341	TGCAGGACCAGAGAATTCGAATACAC CCGGCTTNNNTGCATCAGGT	3581
TGCAGGACCAGAGAATTCGAATACAG CCAGACCNNNTGCATCAGGT	3102	TGCAGGACCAGAGAATTCGAATACAA CAGGAGTNNNTGCATCAGGT	3342	TGCAGGACCAGAGAATTCGAATACAC AGATAGGNNNTGCATCAGGT	3582
TGCAGGACCAGAGAATTCGAATACAG CTGCACGNNNTGCATCAGGT	3103	TGCAGGACCAGAGAATTCGAATACAC ATCCATCNNNTGCATCAGGT	3343	TGCAGGACCAGAGAATTCGAATACAA AGTCCGTNNNTGCATCAGGT	3583
TGCAGGACCAGAGAATTCGAATACAC TGGAACTNNNTGCATCAGGT	3104	TGCAGGACCAGAGAATTCGAATACAC TACGCCCNNNTGCATCAGGT	3344	TGCAGGACCAGAGAATTCGAATACAA ATCAGAANNNTGCATCAGGT	3584
TGCAGGACCAGAGAATTCGAATACAA TAGCAAANNNTGCATCAGGT	3105	TGCAGGACCAGAGAATTCGAATACAG ACCTACANNNTGCATCAGGT	3345	TGCAGGACCAGAGAATTCGAATACAC ACTCAGANNNTGCATCAGGT	3585
TGCAGGACCAGAGAATTCGAATACAG AGCTATCNNNTGCATCAGGT	3106	TGCAGGACCAGAGAATTCGAATACAT CCCACCGNNNTGCATCAGGT	3346	TGCAGGACCAGAGAATTCGAATACAT TATTCCANNNTGCATCAGGT	3586
TGCAGGACCAGAGAATTCGAATACAA GGTATCCNNNTGCATCAGGT	3107	TGCAGGACCAGAGAATTCGAATACAC ATTCGCTNNNTGCATCAGGT	3347	TGCAGGACCAGAGAATTCGAATACAA AGTAACANNNTGCATCAGGT	3587
TGCAGGACCAGAGAATTCGAATACAT TGGAGTCNNNTGCATCAGGT	3108	TGCAGGACCAGAGAATTCGAATACAG ATCTGGTNNNTGCATCAGGT	3348	TGCAGGACCAGAGAATTCGAATACAT TGTGCCTNNNTGCATCAGGT	3588
TGCAGGACCAGAGAATTCGAATACAC GGCTTCCNNNTGCATCAGGT	3109	TGCAGGACCAGAGAATTCGAATACAT ATCGTTTNNNTGCATCAGGT	3349	TGCAGGACCAGAGAATTCGAATACAA AGAGTCGNNNTGCATCAGGT	3589
TGCAGGACCAGAGAATTCGAATACAT CAGGTTGNNNTGCATCAGGT	3110	TGCAGGACCAGAGAATTCGAATACAG GATTCTGNNNTGCATCAGGT	3350	TGCAGGACCAGAGAATTCGAATACAA GCTGTTGNNNTGCATCAGGT	3590
TGCAGGACCAGAGAATTCGAATACAC GGCGCGCNNNTGCATCAGGT	3111	TGCAGGACCAGAGAATTCGAATACAC CGCATCCNNNTGCATCAGGT	3351	TGCAGGACCAGAGAATTCGAATACAA TATTGACNNNTGCATCAGGT	3591
TGCAGGACCAGAGAATTCGAATACAA TGTGTCGNNNTGCATCAGGT	3112	TGCAGGACCAGAGAATTCGAATACAG ACTAAAANNNTGCATCAGGT	3352	TGCAGGACCAGAGAATTCGAATACAA AATATTTNNNTGCATCAGGT	3592
TGCAGGACCAGAGAATTCGAATACAC TTTGGAGNNNTGCATCAGGT	3113	TGCAGGACCAGAGAATTCGAATACAC TGGATGTNNNTGCATCAGGT	3353	TGCAGGACCAGAGAATTCGAATACAC TCAAGACNNNTGCATCAGGT	3593
TGCAGGACCAGAGAATTCGAATACAC GCCCACTNNNTGCATCAGGT	3114	TGCAGGACCAGAGAATTCGAATACAC CGTTTACNNNTGCATCAGGT	3354	TGCAGGACCAGAGAATTCGAATACAA GACGAACNNNTGCATCAGGT	3594
TGCAGGACCAGAGAATTCGAATACAA ACACTGCNNNTGCATCAGGT	3115	TGCAGGACCAGAGAATTCGAATACAA ATTATCGNNNTGCATCAGGT	3355	TGCAGGACCAGAGAATTCGAATACAA GGCAGGCNNNTGCATCAGGT	3595
TGCAGGACCAGAGAATTCGAATACAG CGCCGTANNNTGCATCAGGT	3116	TGCAGGACCAGAGAATTCGAATACAC ACTCGAANNNTGCATCAGGT	3356	TGCAGGACCAGAGAATTCGAATACAA CTTATAGNNNTGCATCAGGT	3596
TGCAGGACCAGAGAATTCGAATACAG TAGCATCNNNTGCATCAGGT	3117	TGCAGGACCAGAGAATTCGAATACAG AACGTTCNNNTGCATCAGGT	3357	TGCAGGACCAGAGAATTCGAATACAC TACTAAANNNTGCATCAGGT	3597
TGCAGGACCAGAGAATTCGAATACAT GCAGCATNNNTGCATCAGGT	3118	TGCAGGACCAGAGAATTCGAATACAA CCCGCAGNNNTGCATCAGGT	3358	TGCAGGACCAGAGAATTCGAATACAT TTAGAGTNNNTGCATCAGGT	3598
TGCAGGACCAGAGAATTCGAATACAT GCAGACTNNNTGCATCAGGT	3119	TGCAGGACCAGAGAATTCGAATACAG TCTCTGTNNNTGCATCAGGT	3359	TGCAGGACCAGAGAATTCGAATACAC TGCTTCANNNTGCATCAGGT	3599

FIG. 16H

Pool-13	SEQ ID NO:	Pool-14	SEQ ID NO:	Pool-15	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAA AGATGCGNNNTGCATCAGGT	3120	TGCAGGACCAGAGAATTCGAATACAA TTGATCANNNTGCATCAGGT	3360	TGCAGGACCAGAGAATTCGAATACAA GGTTCTGNNNTGCATCAGGT	3600
TGCAGGACCAGAGAATTCGAATACAA ACATATCNNNTGCATCAGGT	3121	TGCAGGACCAGAGAATTCGAATACAA AGTTTACNNNTGCATCAGGT	3361	TGCAGGACCAGAGAATTCGAATACAA GTAGGTGNNNTGCATCAGGT	3601
TGCAGGACCAGAGAATTCGAATACAT GGAACGANNNTGCATCAGGT	3122	TGCAGGACCAGAGAATTCGAATACAT GTTGTAANNNTGCATCAGGT	3362	TGCAGGACCAGAGAATTCGAATACAC CCGATAANNNTGCATCAGGT	3602
TGCAGGACCAGAGAATTCGAATACAT GCTCTTGNNNTGCATCAGGT	3123	TGCAGGACCAGAGAATTCGAATACAC TCTCAACNNNTGCATCAGGT	3363	TGCAGGACCAGAGAATTCGAATACAC AGAGTGANNNTGCATCAGGT	3603
TGCAGGACCAGAGAATTCGAATACAA CTCCTGTNNNTGCATCAGGT	3124	TGCAGGACCAGAGAATTCGAATACAA ACGGCCCNNNTGCATCAGGT	3364	TGCAGGACCAGAGAATTCGAATACAG TTCGCTTNNNTGCATCAGGT	3604
TGCAGGACCAGAGAATTCGAATACAA AACGTGGNNNTGCATCAGGT	3125	TGCAGGACCAGAGAATTCGAATACAA ATGGTAANNNTGCATCAGGT	3365	TGCAGGACCAGAGAATTCGAATACAG TTATCAANNNTGCATCAGGT	3605
TGCAGGACCAGAGAATTCGAATACAT GTCCCTANNNTGCATCAGGT	3126	TGCAGGACCAGAGAATTCGAATACAT ACAACCGNNNTGCATCAGGT	3366	TGCAGGACCAGAGAATTCGAATACAA GATGCTCNNNTGCATCAGGT	3606
TGCAGGACCAGAGAATTCGAATACAA ATCGCTGNNNTGCATCAGGT	3127	TGCAGGACCAGAGAATTCGAATACAA TACGGTCNNNTGCATCAGGT	3367	TGCAGGACCAGAGAATTCGAATACAA ACGTAAANNNTGCATCAGGT	3607
TGCAGGACCAGAGAATTCGAATACAG AAGCATGNNNTGCATCAGGT	3128	TGCAGGACCAGAGAATTCGAATACAT GCGCTGGNNNTGCATCAGGT	3368	TGCAGGACCAGAGAATTCGAATACAG CATTTCCNNNTGCATCAGGT	3608

FIG. 17A

Pool-16	SEQ ID NO:	Pool-17	SEQ ID NO:	Pool-18	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAT GATTCAANNNACGTATGCCA	3609	TGCAGGACCAGAGAATTCGAATACAA TTTCCCGNNNACGTATGCCA	3849	TGCAGGACCAGAGAATTCGAATACAA CGAGACANNNACGTATGCCA	4089
TGCAGGACCAGAGAATTCGAATACAA CAAGTAANNNACGTATGCCA	3610	TGCAGGACCAGAGAATTCGAATACAA TCCCAGANNNACGTATGCCA	3850	TGCAGGACCAGAGAATTCGAATACAC GCTAATGNNNACGTATGCCA	4090
TGCAGGACCAGAGAATTCGAATACAA TGACCGTNNNACGTATGCCA	3611	TGCAGGACCAGAGAATTCGAATACAC GGAGACGNNNACGTATGCCA	3851	TGCAGGACCAGAGAATTCGAATACAT ACGTCGANNNACGTATGCCA	4091
TGCAGGACCAGAGAATTCGAATACAA TCTCGTCNNNACGTATGCCA	3612	TGCAGGACCAGAGAATTCGAATACAC GATACGTNNNACGTATGCCA	3852	TGCAGGACCAGAGAATTCGAATACAA TTCGTGGNNNACGTATGCCA	4092
TGCAGGACCAGAGAATTCGAATACAG GCAACAANNNACGTATGCCA	3613	TGCAGGACCAGAGAATTCGAATACAT CCTGCTANNNACGTATGCCA	3853	TGCAGGACCAGAGAATTCGAATACAG TAGAGGTNNNACGTATGCCA	4093
TGCAGGACCAGAGAATTCGAATACAA GGCGCCTNNNACGTATGCCA	3614	TGCAGGACCAGAGAATTCGAATACAA ATTACACNNNACGTATGCCA	3854	TGCAGGACCAGAGAATTCGAATACAG GCGGTTCNNNACGTATGCCA	4094
TGCAGGACCAGAGAATTCGAATACAT GCTTACCNNNACGTATGCCA	3615	TGCAGGACCAGAGAATTCGAATACAT TTCCGACNNNACGTATGCCA	3855	TGCAGGACCAGAGAATTCGAATACAA TAGGCTCNNNACGTATGCCA	4095
TGCAGGACCAGAGAATTCGAATACAC GCACGACNNNACGTATGCCA	3616	TGCAGGACCAGAGAATTCGAATACAC TCCCCCTNNNACGTATGCCA	3856	TGCAGGACCAGAGAATTCGAATACAT CCAATTTNNNACGTATGCCA	4096
TGCAGGACCAGAGAATTCGAATACAG AGGCTTTNNNACGTATGCCA	3617	TGCAGGACCAGAGAATTCGAATACAA CAATTCANNNACGTATGCCA	3857	TGCAGGACCAGAGAATTCGAATACAC TGCCGAGNNNACGTATGCCA	4097
TGCAGGACCAGAGAATTCGAATACAC ATTCATTNNNACGTATGCCA	3618	TGCAGGACCAGAGAATTCGAATACAA GCAGCGGNNNACGTATGCCA	3858	TGCAGGACCAGAGAATTCGAATACAC TGTAGTGNNNACGTATGCCA	4098
TGCAGGACCAGAGAATTCGAATACAC AATCATANNNACGTATGCCA	3619	TGCAGGACCAGAGAATTCGAATACAA TCCGATGNNNACGTATGCCA	3859	TGCAGGACCAGAGAATTCGAATACAA ACGGTCTNNNACGTATGCCA	4099
TGCAGGACCAGAGAATTCGAATACAC TACGATGNNNACGTATGCCA	3620	TGCAGGACCAGAGAATTCGAATACAT ACGCACANNNACGTATGCCA	3860	TGCAGGACCAGAGAATTCGAATACAC AGGCGTCNNNACGTATGCCA	4100
TGCAGGACCAGAGAATTCGAATACAG AGGTACANNNACGTATGCCA	3621	TGCAGGACCAGAGAATTCGAATACAC CACCATTNNNACGTATGCCA	3861	TGCAGGACCAGAGAATTCGAATACAC TTGCCTANNNACGTATGCCA	4101
TGCAGGACCAGAGAATTCGAATACAC TCGTCTANNNACGTATGCCA	3622	TGCAGGACCAGAGAATTCGAATACAA AAGGTCGNNNACGTATGCCA	3862	TGCAGGACCAGAGAATTCGAATACAC TTCCGTANNNACGTATGCCA	4102
TGCAGGACCAGAGAATTCGAATACAA GAAGGAGNNNACGTATGCCA	3623	TGCAGGACCAGAGAATTCGAATACAG CAGTGTTNNNACGTATGCCA	3863	TGCAGGACCAGAGAATTCGAATACAC AGACGTTNNNACGTATGCCA	4103
TGCAGGACCAGAGAATTCGAATACAG TGACATCNNNACGTATGCCA	3624	TGCAGGACCAGAGAATTCGAATACAT CGAACTGNNNACGTATGCCA	3864	TGCAGGACCAGAGAATTCGAATACAA GGAACGTNNNACGTATGCCA	4104
TGCAGGACCAGAGAATTCGAATACAG CGGTGGANNNACGTATGCCA	3625	TGCAGGACCAGAGAATTCGAATACAT TCGCTACNNNACGTATGCCA	3865	TGCAGGACCAGAGAATTCGAATACAT TGCGTAGNNNACGTATGCCA	4105
TGCAGGACCAGAGAATTCGAATACAC ACAAATTNNNACGTATGCCA	3626	TGCAGGACCAGAGAATTCGAATACAT ATTCATCNNNACGTATGCCA	3866	TGCAGGACCAGAGAATTCGAATACAG CCCGATGNNNACGTATGCCA	4106
TGCAGGACCAGAGAATTCGAATACAC CGTGCAGNNNACGTATGCCA	3627	TGCAGGACCAGAGAATTCGAATACAA AACTACTNNNACGTATGCCA	3867	TGCAGGACCAGAGAATTCGAATACAA ACGTCTGNNNACGTATGCCA	4107
TGCAGGACCAGAGAATTCGAATACAA AATTACCNNNACGTATGCCA	3628	TGCAGGACCAGAGAATTCGAATACAG CCCGTAGNNNACGTATGCCA	3868	TGCAGGACCAGAGAATTCGAATACAC TCTACACNNNACGTATGCCA	4108
TGCAGGACCAGAGAATTCGAATACAG CAGACAANNNACGTATGCCA	3629	TGCAGGACCAGAGAATTCGAATACAA GTCGTTGNNNACGTATGCCA	3869	TGCAGGACCAGAGAATTCGAATACAA CGCGGTCNNNACGTATGCCA	4109
TGCAGGACCAGAGAATTCGAATACAT TCTAAGANNNACGTATGCCA	3630	TGCAGGACCAGAGAATTCGAATACAT GACAGCTNNNACGTATGCCA	3870	TGCAGGACCAGAGAATTCGAATACAC ATCCAGANNNACGTATGCCA	4110
TGCAGGACCAGAGAATTCGAATACAC ATTGAGCNNNACGTATGCCA	3631	TGCAGGACCAGAGAATTCGAATACAT CAGCGATNNNACGTATGCCA	3871	TGCAGGACCAGAGAATTCGAATACAA AGTCGAGNNNACGTATGCCA	4111
TGCAGGACCAGAGAATTCGAATACAA TGAGAGCNNNACGTATGCCA	3632	TGCAGGACCAGAGAATTCGAATACAG AGTAAATNNNACGTATGCCA	3872	TGCAGGACCAGAGAATTCGAATACAG GCAGCCTNNNACGTATGCCA	4112
TGCAGGACCAGAGAATTCGAATACAT TTCCCGANNNACGTATGCCA	3633	TGCAGGACCAGAGAATTCGAATACAG CTGCCTCNNNACGTATGCCA	3873	TGCAGGACCAGAGAATTCGAATACAT TATACAGNNNACGTATGCCA	4113
TGCAGGACCAGAGAATTCGAATACAT TGCGAACNNNACGTATGCCA	3634	TGCAGGACCAGAGAATTCGAATACAC TTGACGANNNACGTATGCCA	3874	TGCAGGACCAGAGAATTCGAATACAC CCGTCGTNNNACGTATGCCA	4114
TGCAGGACCAGAGAATTCGAATACAT GGAGATGNNNACGTATGCCA	3635	TGCAGGACCAGAGAATTCGAATACAC CTCTTTCNNNACGTATGCCA	3875	TGCAGGACCAGAGAATTCGAATACAT AATTTAANNNACGTATGCCA	4115
TGCAGGACCAGAGAATTCGAATACAC CAACCCCNNNACGTATGCCA	3636	TGCAGGACCAGAGAATTCGAATACAA CACAAGGNNNACGTATGCCA	3876	TGCAGGACCAGAGAATTCGAATACAT TCATCATNNNACGTATGCCA	4116
TGCAGGACCAGAGAATTCGAATACAG ACAATGGNNNACGTATGCCA	3637	TGCAGGACCAGAGAATTCGAATACAT CTCCAGTNNNACGTATGCCA	3877	TGCAGGACCAGAGAATTCGAATACAC ATGTATANNNACGTATGCCA	4117
TGCAGGACCAGAGAATTCGAATACAC AGAGCCCNNNACGTATGCCA	3638	TGCAGGACCAGAGAATTCGAATACAT ATTGGTANNNACGTATGCCA	3878	TGCAGGACCAGAGAATTCGAATACAG TAGTTATNNNACGTATGCCA	4118
TGCAGGACCAGAGAATTCGAATACAA AGAATACNNNACGTATGCCA	3639	TGCAGGACCAGAGAATTCGAATACAG CTTCATCNNNACGTATGCCA	3879	TGCAGGACCAGAGAATTCGAATACAT GTATCGGNNNACGTATGCCA	4119
TGCAGGACCAGAGAATTCGAATACAA GGTAAATNNNACGTATGCCA	3640	TGCAGGACCAGAGAATTCGAATACAT TCGTTTANNNACGTATGCCA	3880	TGCAGGACCAGAGAATTCGAATACAA GAGGTTGNNNACGTATGCCA	4120

FIG. 17B

Pool-16	SEQ ID NO:	Pool-17	SEQ ID NO:	Pool-18	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAG CCCCAAGNNNACGTATGCCA	3641	TGCAGGACCAGAGAATTCGAATACAT ACGTGACNNNACGTATGCCA	3881	TGCAGGACCAGAGAATTCGAATACAG CACAAGANNNACGTATGCCA	4121
TGCAGGACCAGAGAATTCGAATACAC TGCTTGTNNNACGTATGCCA	3642	TGCAGGACCAGAGAATTCGAATACAT GTTGGTGNNNACGTATGCCA	3882	TGCAGGACCAGAGAATTCGAATACAA ACCCGGCNNNACGTATGCCA	4122
TGCAGGACCAGAGAATTCGAATACAA CACGGCCNNNACGTATGCCA	3643	TGCAGGACCAGAGAATTCGAATACAC ATCACAGNNNACGTATGCCA	3883	TGCAGGACCAGAGAATTCGAATACAT GTGGCTANNNACGTATGCCA	4123
TGCAGGACCAGAGAATTCGAATACAA CGACCTANNNACGTATGCCA	3644	TGCAGGACCAGAGAATTCGAATACAA ACGGCGGNNNACGTATGCCA	3884	TGCAGGACCAGAGAATTCGAATACAG TAGCTCANNNACGTATGCCA	4124
TGCAGGACCAGAGAATTCGAATACAA TTAGAAGNNNACGTATGCCA	3645	TGCAGGACCAGAGAATTCGAATACAA ATGTGAANNNACGTATGCCA	3885	TGCAGGACCAGAGAATTCGAATACAG GCTGGCTNNNACGTATGCCA	4125
TGCAGGACCAGAGAATTCGAATACAG CCGTACGNNNACGTATGCCA	3646	TGCAGGACCAGAGAATTCGAATACAG TAGCCGCNNNACGTATGCCA	3886	TGCAGGACCAGAGAATTCGAATACAT ACAGCTGNNNACGTATGCCA	4126
TGCAGGACCAGAGAATTCGAATACAC AGAAAGCNNNACGTATGCCA	3647	TGCAGGACCAGAGAATTCGAATACAT GTGAATTNNNACGTATGCCA	3887	TGCAGGACCAGAGAATTCGAATACAC TTGTGTCNNNACGTATGCCA	4127
TGCAGGACCAGAGAATTCGAATACAC CACCTTANNNACGTATGCCA	3648	TGCAGGACCAGAGAATTCGAATACAC GGTAAGANNNACGTATGCCA	3888	TGCAGGACCAGAGAATTCGAATACAA GCATCGTNNNACGTATGCCA	4128
TGCAGGACCAGAGAATTCGAATACAA AGGATTANNNACGTATGCCA	3649	TGCAGGACCAGAGAATTCGAATACAT CTGGTGANNNACGTATGCCA	3889	TGCAGGACCAGAGAATTCGAATACAA ATAAAGCNNNACGTATGCCA	4129
TGCAGGACCAGAGAATTCGAATACAA GCAAATANNNACGTATGCCA	3650	TGCAGGACCAGAGAATTCGAATACAG TCCGTTTNNNACGTATGCCA	3890	TGCAGGACCAGAGAATTCGAATACAC TATCGGANNNACGTATGCCA	4130
TGCAGGACCAGAGAATTCGAATACAC ACTTCGTNNNACGTATGCCA	3651	TGCAGGACCAGAGAATTCGAATACAC CGTCGAGNNNACGTATGCCA	3891	TGCAGGACCAGAGAATTCGAATACAC CGCCCGCNNNACGTATGCCA	4131
TGCAGGACCAGAGAATTCGAATACAA TTCGTCCNNNACGTATGCCA	3652	TGCAGGACCAGAGAATTCGAATACAT CGATCCTNNNACGTATGCCA	3892	TGCAGGACCAGAGAATTCGAATACAT CGTTTCGNNNACGTATGCCA	4132
TGCAGGACCAGAGAATTCGAATACAT TCTTGGCNNNACGTATGCCA	3653	TGCAGGACCAGAGAATTCGAATACAT TTGCGTCNNNACGTATGCCA	3893	TGCAGGACCAGAGAATTCGAATACAC CTAGCAANNNACGTATGCCA	4133
TGCAGGACCAGAGAATTCGAATACAT TGGCTCTNNNACGTATGCCA	3654	TGCAGGACCAGAGAATTCGAATACAC TCGGCTCNNNACGTATGCCA	3894	TGCAGGACCAGAGAATTCGAATACAT GAACATTNNNACGTATGCCA	4134
TGCAGGACCAGAGAATTCGAATACAG GAGACTANNNACGTATGCCA	3655	TGCAGGACCAGAGAATTCGAATACAT CCACGCCNNNACGTATGCCA	3895	TGCAGGACCAGAGAATTCGAATACAT GTAACATNNNACGTATGCCA	4135
TGCAGGACCAGAGAATTCGAATACAA ATACTTGNNNACGTATGCCA	3656	TGCAGGACCAGAGAATTCGAATACAA CGTGCCGNNNACGTATGCCA	3896	TGCAGGACCAGAGAATTCGAATACAG TCGGAAANNNACGTATGCCA	4136
TGCAGGACCAGAGAATTCGAATACAG CTGTTAGNNNACGTATGCCA	3657	TGCAGGACCAGAGAATTCGAATACAT GTGGTACNNNACGTATGCCA	3897	TGCAGGACCAGAGAATTCGAATACAG TTGGCCGNNNACGTATGCCA	4137
TGCAGGACCAGAGAATTCGAATACAA CAACCTGNNNACGTATGCCA	3658	TGCAGGACCAGAGAATTCGAATACAA GCCGAAANNNACGTATGCCA	3898	TGCAGGACCAGAGAATTCGAATACAG CGATAGANNNACGTATGCCA	4138
TGCAGGACCAGAGAATTCGAATACAT CGTGCCCNNNACGTATGCCA	3659	TGCAGGACCAGAGAATTCGAATACAC TCCTAACNNNACGTATGCCA	3899	TGCAGGACCAGAGAATTCGAATACAT TAACGTANNNACGTATGCCA	4139
TGCAGGACCAGAGAATTCGAATACAG ACTCTCTNNNACGTATGCCA	3660	TGCAGGACCAGAGAATTCGAATACAG AAGGCGCNNNACGTATGCCA	3900	TGCAGGACCAGAGAATTCGAATACAC CTTATATNNNACGTATGCCA	4140
TGCAGGACCAGAGAATTCGAATACAT ATAACACNNNACGTATGCCA	3661	TGCAGGACCAGAGAATTCGAATACAC GTTCACTNNNACGTATGCCA	3901	TGCAGGACCAGAGAATTCGAATACAA AACAGATNNNACGTATGCCA	4141
TGCAGGACCAGAGAATTCGAATACAT GAGCCTANNNACGTATGCCA	3662	TGCAGGACCAGAGAATTCGAATACAG AGATGTGNNNACGTATGCCA	3902	TGCAGGACCAGAGAATTCGAATACAT ACCCATCNNNACGTATGCCA	4142
TGCAGGACCAGAGAATTCGAATACAC AGACGAANNNACGTATGCCA	3663	TGCAGGACCAGAGAATTCGAATACAG CTCACTTNNNACGTATGCCA	3903	TGCAGGACCAGAGAATTCGAATACAA AAAGAGANNNACGTATGCCA	4143
TGCAGGACCAGAGAATTCGAATACAC GGAATGANNNACGTATGCCA	3664	TGCAGGACCAGAGAATTCGAATACAC GAAGCTTNNNACGTATGCCA	3904	TGCAGGACCAGAGAATTCGAATACAC GTTCGAANNNACGTATGCCA	4144
TGCAGGACCAGAGAATTCGAATACAG GTGATGANNNACGTATGCCA	3665	TGCAGGACCAGAGAATTCGAATACAT ACTCGAGNNNACGTATGCCA	3905	TGCAGGACCAGAGAATTCGAATACAA TGGATCCNNNACGTATGCCA	4145
TGCAGGACCAGAGAATTCGAATACAC ACCTCTANNNACGTATGCCA	3666	TGCAGGACCAGAGAATTCGAATACAT TCTTGTANNNACGTATGCCA	3906	TGCAGGACCAGAGAATTCGAATACAG CTCGATANNNACGTATGCCA	4146
TGCAGGACCAGAGAATTCGAATACAA CTGGTACNNNACGTATGCCA	3667	TGCAGGACCAGAGAATTCGAATACAG AAGAAGGNNNACGTATGCCA	3907	TGCAGGACCAGAGAATTCGAATACAT GTAACCGNNNACGTATGCCA	4147
TGCAGGACCAGAGAATTCGAATACAG CAAATCCNNNACGTATGCCA	3668	TGCAGGACCAGAGAATTCGAATACAA GCCACGCNNNACGTATGCCA	3908	TGCAGGACCAGAGAATTCGAATACAA TCTACTTNNNACGTATGCCA	4148
TGCAGGACCAGAGAATTCGAATACAA ATATAAANNNCTAGCGTTAC	3669	TGCAGGACCAGAGAATTCGAATACAC TATACGGNNNCTAGCGTTAC	3909	TGCAGGACCAGAGAATTCGAATACAG ATCGTACNNNCTAGCGTTAC	4149
TGCAGGACCAGAGAATTCGAATACAT GGTTATANNNCTAGCGTTAC	3670	TGCAGGACCAGAGAATTCGAATACAA GATCTTANNNCTAGCGTTAC	3910	TGCAGGACCAGAGAATTCGAATACAT GAACGTCNNNCTAGCGTTAC	4150
TGCAGGACCAGAGAATTCGAATACAA CCCGCTCNNNCTAGCGTTAC	3671	TGCAGGACCAGAGAATTCGAATACAA CAACCCANNNCTAGCGTTAC	3911	TGCAGGACCAGAGAATTCGAATACAT CCAACTCNNNCTAGCGTTAC	4151
TGCAGGACCAGAGAATTCGAATACAT GCGAAAGNNNCTAGCGTTAC	3672	TGCAGGACCAGAGAATTCGAATACAT GCTAACGNNNCTAGCGTTAC	3912	TGCAGGACCAGAGAATTCGAATACAG CGGAGGTNNNCTAGCGTTAC	4152
TGCAGGACCAGAGAATTCGAATACAC GTCTGCCNNNCTAGCGTTAC	3673	TGCAGGACCAGAGAATTCGAATACAT GTAGTCGNNNCTAGCGTTAC	3913	TGCAGGACCAGAGAATTCGAATACAT GCCCATTNNNCTAGCGTTAC	4153

FIG. 17C

Pool-16	SEQ ID NO:	Pool-17	SEQ ID NO:	Pool-18	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAA GTTGTATNNNCTAGCGTTAC	3674	TGCAGGACCAGAGAATTCGAATACAA TGGTCGTNNNCTAGCGTTAC	3914	TGCAGGACCAGAGAATTCGAATACAA CGATCACNNNCTAGCGTTAC	4154
TGCAGGACCAGAGAATTCGAATACAG GCTACTANNNCTAGCGTTAC	3675	TGCAGGACCAGAGAATTCGAATACAA GTAGGACNNNCTAGCGTTAC	3915	TGCAGGACCAGAGAATTCGAATACAT AAGGTAANNNCTAGCGTTAC	4155
TGCAGGACCAGAGAATTCGAATACAA CATCATANNNCTAGCGTTAC	3676	TGCAGGACCAGAGAATTCGAATACAA AAAAAAANNNCTAGCGTTAC	3916	TGCAGGACCAGAGAATTCGAATACAA CCTACGANNNCTAGCGTTAC	4156
TGCAGGACCAGAGAATTCGAATACAA TTCCAGGNNNCTAGCGTTAC	3677	TGCAGGACCAGAGAATTCGAATACAA GTTCATANNNCTAGCGTTAC	3917	TGCAGGACCAGAGAATTCGAATACAC ACACCAANNNCTAGCGTTAC	4157
TGCAGGACCAGAGAATTCGAATACAT TTTGTTGNNNCTAGCGTTAC	3678	TGCAGGACCAGAGAATTCGAATACAG AAGGTCANNNCTAGCGTTAC	3918	TGCAGGACCAGAGAATTCGAATACAT GGTCGGCNNNCTAGCGTTAC	4158
TGCAGGACCAGAGAATTCGAATACAA GTGGACANNNCTAGCGTTAC	3679	TGCAGGACCAGAGAATTCGAATACAT GAATGCCNNNCTAGCGTTAC	3919	TGCAGGACCAGAGAATTCGAATACAT TATCTGTNNNCTAGCGTTAC	4159
TGCAGGACCAGAGAATTCGAATACAG AGAGGTTNNNCTAGCGTTAC	3680	TGCAGGACCAGAGAATTCGAATACAA CACCCGGNNNCTAGCGTTAC	3920	TGCAGGACCAGAGAATTCGAATACAT CGAGCCGNNNCTAGCGTTAC	4160
TGCAGGACCAGAGAATTCGAATACAC TTCCCGGNNNCTAGCGTTAC	3681	TGCAGGACCAGAGAATTCGAATACAC TAACGCANNNCTAGCGTTAC	3921	TGCAGGACCAGAGAATTCGAATACAT ACCGATGNNNCTAGCGTTAC	4161
TGCAGGACCAGAGAATTCGAATACAA CCTCCATNNNCTAGCGTTAC	3682	TGCAGGACCAGAGAATTCGAATACAA CCCCTATNNNCTAGCGTTAC	3922	TGCAGGACCAGAGAATTCGAATACAG AACGGATNNNCTAGCGTTAC	4162
TGCAGGACCAGAGAATTCGAATACAC AAGAGGTNNNCTAGCGTTAC	3683	TGCAGGACCAGAGAATTCGAATACAA GATAGATNNNCTAGCGTTAC	3923	TGCAGGACCAGAGAATTCGAATACAT TGTTCTANNNCTAGCGTTAC	4163
TGCAGGACCAGAGAATTCGAATACAG AAAGTCGNNNCTAGCGTTAC	3684	TGCAGGACCAGAGAATTCGAATACAG GAGTGATNNNCTAGCGTTAC	3924	TGCAGGACCAGAGAATTCGAATACAG GTCGTCGNNNCTAGCGTTAC	4164
TGCAGGACCAGAGAATTCGAATACAC GCGAAAANNNCTAGCGTTAC	3685	TGCAGGACCAGAGAATTCGAATACAA TAGAGGCNNNCTAGCGTTAC	3925	TGCAGGACCAGAGAATTCGAATACAA TGCTTCCNNNCTAGCGTTAC	4165
TGCAGGACCAGAGAATTCGAATACAC CTGGCAGNNNCTAGCGTTAC	3686	TGCAGGACCAGAGAATTCGAATACAC CCCGCGCNNNCTAGCGTTAC	3926	TGCAGGACCAGAGAATTCGAATACAT CAGGACTNNNCTAGCGTTAC	4166
TGCAGGACCAGAGAATTCGAATACAA GCAGATGNNNCTAGCGTTAC	3687	TGCAGGACCAGAGAATTCGAATACAC CATACTCNNNCTAGCGTTAC	3927	TGCAGGACCAGAGAATTCGAATACAA AGACATANNNCTAGCGTTAC	4167
TGCAGGACCAGAGAATTCGAATACAA GAGGCCGNNNCTAGCGTTAC	3688	TGCAGGACCAGAGAATTCGAATACAT GATTCCCNNNCTAGCGTTAC	3928	TGCAGGACCAGAGAATTCGAATACAC CATCGTTNNNCTAGCGTTAC	4168
TGCAGGACCAGAGAATTCGAATACAC GTGCGTGNNNCTAGCGTTAC	3689	TGCAGGACCAGAGAATTCGAATACAA GAACGGTNNNCTAGCGTTAC	3929	TGCAGGACCAGAGAATTCGAATACAT AACACCGNNNCTAGCGTTAC	4169
TGCAGGACCAGAGAATTCGAATACAT GGTAGGANNNCTAGCGTTAC	3690	TGCAGGACCAGAGAATTCGAATACAG CTTCAAGNNNCTAGCGTTAC	3930	TGCAGGACCAGAGAATTCGAATACAC CTCCTCCNNNCTAGCGTTAC	4170
TGCAGGACCAGAGAATTCGAATACAC GCGCCAANNNCTAGCGTTAC	3691	TGCAGGACCAGAGAATTCGAATACAA AATATCCNNNCTAGCGTTAC	3931	TGCAGGACCAGAGAATTCGAATACAT CGGACTANNNCTAGCGTTAC	4171
TGCAGGACCAGAGAATTCGAATACAT GAGCACTNNNCTAGCGTTAC	3692	TGCAGGACCAGAGAATTCGAATACAC GTCCCCANNNCTAGCGTTAC	3932	TGCAGGACCAGAGAATTCGAATACAG GCAAACANNNCTAGCGTTAC	4172
TGCAGGACCAGAGAATTCGAATACAT CATCGTCNNNCTAGCGTTAC	3693	TGCAGGACCAGAGAATTCGAATACAA CTAATCANNNCTAGCGTTAC	3933	TGCAGGACCAGAGAATTCGAATACAG GAAACACNNNCTAGCGTTAC	4173
TGCAGGACCAGAGAATTCGAATACAA GCCAAGANNNCTAGCGTTAC	3694	TGCAGGACCAGAGAATTCGAATACAT GACGCCGNNNCTAGCGTTAC	3934	TGCAGGACCAGAGAATTCGAATACAT ACACTCCNNNCTAGCGTTAC	4174
TGCAGGACCAGAGAATTCGAATACAC GAGGACGNNNCTAGCGTTAC	3695	TGCAGGACCAGAGAATTCGAATACAG CGTGCCANNNCTAGCGTTAC	3935	TGCAGGACCAGAGAATTCGAATACAC GGACCTGNNNCTAGCGTTAC	4175
TGCAGGACCAGAGAATTCGAATACAT GTGACTGNNNCTAGCGTTAC	3696	TGCAGGACCAGAGAATTCGAATACAA AATTGGANNNCTAGCGTTAC	3936	TGCAGGACCAGAGAATTCGAATACAA TCCTGAGNNNCTAGCGTTAC	4176
TGCAGGACCAGAGAATTCGAATACAA CCTTGAGNNNCTAGCGTTAC	3697	TGCAGGACCAGAGAATTCGAATACAT GTTCACCNNNCTAGCGTTAC	3937	TGCAGGACCAGAGAATTCGAATACAC CCGTCTGNNNCTAGCGTTAC	4177
TGCAGGACCAGAGAATTCGAATACAG TTAAGTTNNNCTAGCGTTAC	3698	TGCAGGACCAGAGAATTCGAATACAA TCCGCAANNNCTAGCGTTAC	3938	TGCAGGACCAGAGAATTCGAATACAG GCTCAATNNNCTAGCGTTAC	4178
TGCAGGACCAGAGAATTCGAATACAA CCCAGGCNNNCTAGCGTTAC	3699	TGCAGGACCAGAGAATTCGAATACAT CAGATTANNNCTAGCGTTAC	3939	TGCAGGACCAGAGAATTCGAATACAG TGCTTGANNNCTAGCGTTAC	4179
TGCAGGACCAGAGAATTCGAATACAC CGATGATNNNCTAGCGTTAC	3700	TGCAGGACCAGAGAATTCGAATACAC GCTAAGTNNNCTAGCGTTAC	3940	TGCAGGACCAGAGAATTCGAATACAA TTAACTGNNNCTAGCGTTAC	4180
TGCAGGACCAGAGAATTCGAATACAG ATCTCGANNNCTAGCGTTAC	3701	TGCAGGACCAGAGAATTCGAATACAC ACACCTTNNNCTAGCGTTAC	3941	TGCAGGACCAGAGAATTCGAATACAT CCAGATGNNNCTAGCGTTAC	4181
TGCAGGACCAGAGAATTCGAATACAG GAGATGTNNNCTAGCGTTAC	3702	TGCAGGACCAGAGAATTCGAATACAA AGCCTGTNNNCTAGCGTTAC	3942	TGCAGGACCAGAGAATTCGAATACAC CGCGCGGNNNCTAGCGTTAC	4182
TGCAGGACCAGAGAATTCGAATACAT AGGTAAANNNCTAGCGTTAC	3703	TGCAGGACCAGAGAATTCGAATACAG GTCCAGCNNNCTAGCGTTAC	3943	TGCAGGACCAGAGAATTCGAATACAC CATAAGCNNNCTAGCGTTAC	4183
TGCAGGACCAGAGAATTCGAATACAA CTCAGCANNNCTAGCGTTAC	3704	TGCAGGACCAGAGAATTCGAATACAT GTCGCTTNNNCTAGCGTTAC	3944	TGCAGGACCAGAGAATTCGAATACAG GTTGGTTNNNCTAGCGTTAC	4184
TGCAGGACCAGAGAATTCGAATACAA GATAGGCNNNCTAGCGTTAC	3705	TGCAGGACCAGAGAATTCGAATACAG AAATTTCNNNCTAGCGTTAC	3945	TGCAGGACCAGAGAATTCGAATACAG GCAGATANNNCTAGCGTTAC	4185
TGCAGGACCAGAGAATTCGAATACAC GAATTGCNNNCTAGCGTTAC	3706	TGCAGGACCAGAGAATTCGAATACAT ACGGTGTNNNCTAGCGTTAC	3946	TGCAGGACCAGAGAATTCGAATACAA TGCAACCNNNCTAGCGTTAC	4186

FIG. 17D

Pool-16	SEQ ID NO:	Pool-17	SEQ ID NO:	Pool-18	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACATACCAGGTNNNCTAGCGTTAC	3707	TGCAGGACCAGAGAATTCGAATACACCGACCAGNNNCTAGCGTTAC	3947	TGCAGGACCAGAGAATTCGAATACAGCGCGCCGNNNCTAGCGTTAC	4187
TGCAGGACCAGAGAATTCGAATACATATACTCTNNNCTAGCGTTAC	3708	TGCAGGACCAGAGAATTCGAATACATGATAAAGNNNCTAGCGTTAC	3948	TGCAGGACCAGAGAATTCGAATACACAAAGTGGNNNCTAGCGTTAC	4188
TGCAGGACCAGAGAATTCGAATACAAGCTTCTCNNNCTAGCGTTAC	3709	TGCAGGACCAGAGAATTCGAATACATATGGCTGNNNCTAGCGTTAC	3949	TGCAGGACCAGAGAATTCGAATACATAAAAGCANNNCTAGCGTTAC	4189
TGCAGGACCAGAGAATTCGAATACAACCTGAGTNNNCTAGCGTTAC	3710	TGCAGGACCAGAGAATTCGAATACACCCCTCCTNNNCTAGCGTTAC	3950	TGCAGGACCAGAGAATTCGAATACAATCTGTGGNNNCTAGCGTTAC	4190
TGCAGGACCAGAGAATTCGAATACACATAGATTNNNCTAGCGTTAC	3711	TGCAGGACCAGAGAATTCGAATACATCTTACCGNNNCTAGCGTTAC	3951	TGCAGGACCAGAGAATTCGAATACACGTATATANNNCTAGCGTTAC	4191
TGCAGGACCAGAGAATTCGAATACAAGCGGAATNNNCTAGCGTTAC	3712	TGCAGGACCAGAGAATTCGAATACAGCAATCGTNNNCTAGCGTTAC	3952	TGCAGGACCAGAGAATTCGAATACAGGTATTGCNNNCTAGCGTTAC	4192
TGCAGGACCAGAGAATTCGAATACAGGCATGCCNNNCTAGCGTTAC	3713	TGCAGGACCAGAGAATTCGAATACACTAGCGCGNNNCTAGCGTTAC	3953	TGCAGGACCAGAGAATTCGAATACATACAAACTNNNCTAGCGTTAC	4193
TGCAGGACCAGAGAATTCGAATACAGATATCCGNNNCTAGCGTTAC	3714	TGCAGGACCAGAGAATTCGAATACATACTCTGCNNNCTAGCGTTAC	3954	TGCAGGACCAGAGAATTCGAATACACTCTTAATNNNCTAGCGTTAC	4194
TGCAGGACCAGAGAATTCGAATACAGCTCAGCGNNNCTAGCGTTAC	3715	TGCAGGACCAGAGAATTCGAATACAATGGCAGANNNCTAGCGTTAC	3955	TGCAGGACCAGAGAATTCGAATACAGGTCTGATNNNCTAGCGTTAC	4195
TGCAGGACCAGAGAATTCGAATACACTTCAAGGNNNCTAGCGTTAC	3716	TGCAGGACCAGAGAATTCGAATACACGAGGTTTNNNCTAGCGTTAC	3956	TGCAGGACCAGAGAATTCGAATACATCAGGAAGNNNCTAGCGTTAC	4196
TGCAGGACCAGAGAATTCGAATACATCAGTAATNNNCTAGCGTTAC	3717	TGCAGGACCAGAGAATTCGAATACACCAGCTAANNNCTAGCGTTAC	3957	TGCAGGACCAGAGAATTCGAATACACACGCTTTNNNCTAGCGTTAC	4197
TGCAGGACCAGAGAATTCGAATACACCGGCCAANNNCTAGCGTTAC	3718	TGCAGGACCAGAGAATTCGAATACATGTGCCGGNNNCTAGCGTTAC	3958	TGCAGGACCAGAGAATTCGAATACAGGCGGCAANNNCTAGCGTTAC	4198
TGCAGGACCAGAGAATTCGAATACAATGATCATNNNCTAGCGTTAC	3719	TGCAGGACCAGAGAATTCGAATACATGCCGTTTNNNCTAGCGTTAC	3959	TGCAGGACCAGAGAATTCGAATACAGAAGTTGGNNNCTAGCGTTAC	4199
TGCAGGACCAGAGAATTCGAATACAGGCGCGTTNNNCTAGCGTTAC	3720	TGCAGGACCAGAGAATTCGAATACACTCCGTGCNNNCTAGCGTTAC	3960	TGCAGGACCAGAGAATTCGAATACAGCAGGTGGNNNCTAGCGTTAC	4200
TGCAGGACCAGAGAATTCGAATACAAGTCCGCGNNNCTAGCGTTAC	3721	TGCAGGACCAGAGAATTCGAATACAGCACAATCNNNCTAGCGTTAC	3961	TGCAGGACCAGAGAATTCGAATACATGTAATCANNNCTAGCGTTAC	4201
TGCAGGACCAGAGAATTCGAATACACACTGGTANNNCTAGCGTTAC	3722	TGCAGGACCAGAGAATTCGAATACACATCGTGANNNCTAGCGTTAC	3962	TGCAGGACCAGAGAATTCGAATACAGTCAACCANNNCTAGCGTTAC	4202
TGCAGGACCAGAGAATTCGAATACACTAAGACCNNNCTAGCGTTAC	3723	TGCAGGACCAGAGAATTCGAATACACAAGGTTCNNNCTAGCGTTAC	3963	TGCAGGACCAGAGAATTCGAATACAGAGCAACANNNCTAGCGTTAC	4203
TGCAGGACCAGAGAATTCGAATACAACGCTACANNNCTAGCGTTAC	3724	TGCAGGACCAGAGAATTCGAATACAGAAAGGTCNNNCTAGCGTTAC	3964	TGCAGGACCAGAGAATTCGAATACAACCGTCGGNNNCTAGCGTTAC	4204
TGCAGGACCAGAGAATTCGAATACAACCAAAAANNNCTAGCGTTAC	3725	TGCAGGACCAGAGAATTCGAATACAAGAAGGTCNNNCTAGCGTTAC	3965	TGCAGGACCAGAGAATTCGAATACATAGGCGCCNNNCTAGCGTTAC	4205
TGCAGGACCAGAGAATTCGAATACACGAGTGCCNNNCTAGCGTTAC	3726	TGCAGGACCAGAGAATTCGAATACACCATGCTTNNNCTAGCGTTAC	3966	TGCAGGACCAGAGAATTCGAATACAGAAGCAGTNNNCTAGCGTTAC	4206
TGCAGGACCAGAGAATTCGAATACAAACCGGAANNNCTAGCGTTAC	3727	TGCAGGACCAGAGAATTCGAATACATTCAACTTNNNCTAGCGTTAC	3967	TGCAGGACCAGAGAATTCGAATACATTGGTATANNNCTAGCGTTAC	4207
TGCAGGACCAGAGAATTCGAATACAAAAGCATNNNCTAGCGTTAC	3728	TGCAGGACCAGAGAATTCGAATACATCTGGCAANNNCTAGCGTTAC	3968	TGCAGGACCAGAGAATTCGAATACAGAAGTGTGNNNCTAGCGTTAC	4208
TGCAGGACCAGAGAATTCGAATACACCCCCGGCNNNGATCGACATG	3729	TGCAGGACCAGAGAATTCGAATACAGTTTACAANNNGATCGACATG	3969	TGCAGGACCAGAGAATTCGAATACACTGCTTTGNNNGATCGACATG	4209
TGCAGGACCAGAGAATTCGAATACATTGGTTGGNNNGATCGACATG	3730	TGCAGGACCAGAGAATTCGAATACAACCCACAANNNGATCGACATG	3970	TGCAGGACCAGAGAATTCGAATACAGTTCCGCCNNNGATCGACATG	4210
TGCAGGACCAGAGAATTCGAATACATCCACGTTNNNGATCGACATG	3731	TGCAGGACCAGAGAATTCGAATACAGGCTCATANNNGATCGACATG	3971	TGCAGGACCAGAGAATTCGAATACACGACTATGNNNGATCGACATG	4211
TGCAGGACCAGAGAATTCGAATACAATGAAGTANNNGATCGACATG	3732	TGCAGGACCAGAGAATTCGAATACAAGCATTGCNNNGATCGACATG	3972	TGCAGGACCAGAGAATTCGAATACACTGTAGCANNNGATCGACATG	4212
TGCAGGACCAGAGAATTCGAATACAACAATAAGNNNGATCGACATG	3733	TGCAGGACCAGAGAATTCGAATACAAACCCGATNNNGATCGACATG	3973	TGCAGGACCAGAGAATTCGAATACACGCGGTCANNNGATCGACATG	4213
TGCAGGACCAGAGAATTCGAATACACATGTTTTNNNGATCGACATG	3734	TGCAGGACCAGAGAATTCGAATACATGACCAACNNNGATCGACATG	3974	TGCAGGACCAGAGAATTCGAATACATCCATGAGNNNGATCGACATG	4214
TGCAGGACCAGAGAATTCGAATACATCCGGTCCNNNGATCGACATG	3735	TGCAGGACCAGAGAATTCGAATACAGCCGAGGANNNGATCGACATG	3975	TGCAGGACCAGAGAATTCGAATACAGGCTCCCTNNNGATCGACATG	4215
TGCAGGACCAGAGAATTCGAATACAGTTACGTGNNNGATCGACATG	3736	TGCAGGACCAGAGAATTCGAATACAAATATGGANNNGATCGACATG	3976	TGCAGGACCAGAGAATTCGAATACAAGCCTAACNNNGATCGACATG	4216
TGCAGGACCAGAGAATTCGAATACAGGTCCTGGNNNGATCGACATG	3737	TGCAGGACCAGAGAATTCGAATACATTTCGGTCNNNGATCGACATG	3977	TGCAGGACCAGAGAATTCGAATACACGAGGAATNNNGATCGACATG	4217
TGCAGGACCAGAGAATTCGAATACACTGTACAGNNNGATCGACATG	3738	TGCAGGACCAGAGAATTCGAATACATTAGGTTANNNGATCGACATG	3978	TGCAGGACCAGAGAATTCGAATACACCCGAGCANNNGATCGACATG	4218
TGCAGGACCAGAGAATTCGAATACACATAAGTTNNNGATCGACATG	3739	TGCAGGACCAGAGAATTCGAATACAAACGCGTTNNNGATCGACATG	3979	TGCAGGACCAGAGAATTCGAATACATACAATACNNNGATCGACATG	4219

FIG. 17E

Pool-16	SEQ ID NO:	Pool-17	SEQ ID NO:	Pool-18	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAA AATCCTANNNGATCGACATG	3740	TGCAGGACCAGAGAATTCGAATACAA GGTAAGCNNNGATCGACATG	3980	TGCAGGACCAGAGAATTCGAATACAT AACATGTNNNGATCGACATG	4220
TGCAGGACCAGAGAATTCGAATACAC ATCATGGNNNGATCGACATG	3741	TGCAGGACCAGAGAATTCGAATACAA ATTGACTNNNGATCGACATG	3981	TGCAGGACCAGAGAATTCGAATACAG TTGCGGCNNNGATCGACATG	4221
TGCAGGACCAGAGAATTCGAATACAT TCACTGCNNNGATCGACATG	3742	TGCAGGACCAGAGAATTCGAATACAT ACTGTAANNNGATCGACATG	3982	TGCAGGACCAGAGAATTCGAATACAA TCTGCAGNNNGATCGACATG	4222
TGCAGGACCAGAGAATTCGAATACAT TGCCGCCNNNGATCGACATG	3743	TGCAGGACCAGAGAATTCGAATACAT TCTCTGGNNNGATCGACATG	3983	TGCAGGACCAGAGAATTCGAATACAG GTTAGTCNNNGATCGACATG	4223
TGCAGGACCAGAGAATTCGAATACAT GTCCTGTNNNGATCGACATG	3744	TGCAGGACCAGAGAATTCGAATACAA GAAGAAANNNGATCGACATG	3984	TGCAGGACCAGAGAATTCGAATACAC TTAAGATNNNGATCGACATG	4224
TGCAGGACCAGAGAATTCGAATACAG GCGGTCTNNNGATCGACATG	3745	TGCAGGACCAGAGAATTCGAATACAA AATGAACNNNGATCGACATG	3985	TGCAGGACCAGAGAATTCGAATACAC TCCTACANNNGATCGACATG	4225
TGCAGGACCAGAGAATTCGAATACAA CCCACGGNNNGATCGACATG	3746	TGCAGGACCAGAGAATTCGAATACAA ACACACCNNNGATCGACATG	3986	TGCAGGACCAGAGAATTCGAATACAG CTCAGTANNNGATCGACATG	4226
TGCAGGACCAGAGAATTCGAATACAT CCTTTAANNNGATCGACATG	3747	TGCAGGACCAGAGAATTCGAATACAT AAATGCTNNNGATCGACATG	3987	TGCAGGACCAGAGAATTCGAATACAG GTACTACNNNGATCGACATG	4227
TGCAGGACCAGAGAATTCGAATACAT TACAAGTNNNGATCGACATG	3748	TGCAGGACCAGAGAATTCGAATACAA CCGGTTANNNGATCGACATG	3988	TGCAGGACCAGAGAATTCGAATACAT AGTATGTNNNGATCGACATG	4228
TGCAGGACCAGAGAATTCGAATACAT CGAGGAANNNGATCGACATG	3749	TGCAGGACCAGAGAATTCGAATACAC CGGCGTANNNGATCGACATG	3989	TGCAGGACCAGAGAATTCGAATACAA AGCATCCNNNGATCGACATG	4229
TGCAGGACCAGAGAATTCGAATACAG ACACTCANNNGATCGACATG	3750	TGCAGGACCAGAGAATTCGAATACAC GTAGACTNNNGATCGACATG	3990	TGCAGGACCAGAGAATTCGAATACAA CTAAAAGNNNGATCGACATG	4230
TGCAGGACCAGAGAATTCGAATACAA CTCTAGGNNNGATCGACATG	3751	TGCAGGACCAGAGAATTCGAATACAG GAAGTCANNNGATCGACATG	3991	TGCAGGACCAGAGAATTCGAATACAA CTTTAAGNNNGATCGACATG	4231
TGCAGGACCAGAGAATTCGAATACAA TCTTACTNNNGATCGACATG	3752	TGCAGGACCAGAGAATTCGAATACAA GAATTGANNNGATCGACATG	3992	TGCAGGACCAGAGAATTCGAATACAA CGAATAANNNGATCGACATG	4232
TGCAGGACCAGAGAATTCGAATACAA AAGAGAANNNGATCGACATG	3753	TGCAGGACCAGAGAATTCGAATACAA CCCCTTANNNGATCGACATG	3993	TGCAGGACCAGAGAATTCGAATACAT AGCGTCANNNGATCGACATG	4233
TGCAGGACCAGAGAATTCGAATACAA CAGCAGANNNGATCGACATG	3754	TGCAGGACCAGAGAATTCGAATACAT ACAGACCNNNGATCGACATG	3994	TGCAGGACCAGAGAATTCGAATACAA TCATCCCNNNGATCGACATG	4234
TGCAGGACCAGAGAATTCGAATACAT GAGTACCNNNGATCGACATG	3755	TGCAGGACCAGAGAATTCGAATACAA TTAGACTNNNGATCGACATG	3995	TGCAGGACCAGAGAATTCGAATACAA AAACAACNNNGATCGACATG	4235
TGCAGGACCAGAGAATTCGAATACAG ACTGTCANNNGATCGACATG	3756	TGCAGGACCAGAGAATTCGAATACAC ACTAGACNNNGATCGACATG	3996	TGCAGGACCAGAGAATTCGAATACAC TATCAGGNNNGATCGACATG	4236
TGCAGGACCAGAGAATTCGAATACAT CGAGGCCNNNGATCGACATG	3757	TGCAGGACCAGAGAATTCGAATACAG CCCTAAANNNGATCGACATG	3997	TGCAGGACCAGAGAATTCGAATACAT ACTGTCCNNNGATCGACATG	4237
TGCAGGACCAGAGAATTCGAATACAG TCCATAGNNNGATCGACATG	3758	TGCAGGACCAGAGAATTCGAATACAA GAGTGGTNNNGATCGACATG	3998	TGCAGGACCAGAGAATTCGAATACAA GGACACANNNGATCGACATG	4238
TGCAGGACCAGAGAATTCGAATACAG ACTGTTGNNNGATCGACATG	3759	TGCAGGACCAGAGAATTCGAATACAA TCTGAATNNNGATCGACATG	3999	TGCAGGACCAGAGAATTCGAATACAG TGACGTTNNNGATCGACATG	4239
TGCAGGACCAGAGAATTCGAATACAA CACACTGNNNGATCGACATG	3760	TGCAGGACCAGAGAATTCGAATACAA GCATCACNNNGATCGACATG	4000	TGCAGGACCAGAGAATTCGAATACAC TTGTACCNNNGATCGACATG	4240
TGCAGGACCAGAGAATTCGAATACAA GGTGACANNNGATCGACATG	3761	TGCAGGACCAGAGAATTCGAATACAA ATTGGAANNNGATCGACATG	4001	TGCAGGACCAGAGAATTCGAATACAG GATGCGGNNNGATCGACATG	4241
TGCAGGACCAGAGAATTCGAATACAA AACAATGNNNGATCGACATG	3762	TGCAGGACCAGAGAATTCGAATACAC TAGCCCCNNNGATCGACATG	4002	TGCAGGACCAGAGAATTCGAATACAC TGATTGGNNNGATCGACATG	4242
TGCAGGACCAGAGAATTCGAATACAG ATTTGTANNNGATCGACATG	3763	TGCAGGACCAGAGAATTCGAATACAT CTTGCTGNNNGATCGACATG	4003	TGCAGGACCAGAGAATTCGAATACAG CAACTCANNNGATCGACATG	4243
TGCAGGACCAGAGAATTCGAATACAC CCCCGATNNNGATCGACATG	3764	TGCAGGACCAGAGAATTCGAATACAC CGTCCTGNNNGATCGACATG	4004	TGCAGGACCAGAGAATTCGAATACAT ACCTCACNNNGATCGACATG	4244
TGCAGGACCAGAGAATTCGAATACAA GGAGCGCNNNGATCGACATG	3765	TGCAGGACCAGAGAATTCGAATACAC CTAACGANNNGATCGACATG	4005	TGCAGGACCAGAGAATTCGAATACAT GCACCCCNNNGATCGACATG	4245
TGCAGGACCAGAGAATTCGAATACAC CCTGGAGNNNGATCGACATG	3766	TGCAGGACCAGAGAATTCGAATACAA AAATAGCNNNGATCGACATG	4006	TGCAGGACCAGAGAATTCGAATACAG TTCCTACNNNGATCGACATG	4246
TGCAGGACCAGAGAATTCGAATACAC GCACTCCNNNGATCGACATG	3767	TGCAGGACCAGAGAATTCGAATACAA AGCACTCNNNGATCGACATG	4007	TGCAGGACCAGAGAATTCGAATACAT ACTGTTTNNNGATCGACATG	4247
TGCAGGACCAGAGAATTCGAATACAG AAGTCAGNNNGATCGACATG	3768	TGCAGGACCAGAGAATTCGAATACAG TTCAACGNNNGATCGACATG	4008	TGCAGGACCAGAGAATTCGAATACAC TTCATATNNNGATCGACATG	4248
TGCAGGACCAGAGAATTCGAATACAG GCGTCGTNNNGATCGACATG	3769	TGCAGGACCAGAGAATTCGAATACAC GTCTGTTNNNGATCGACATG	4009	TGCAGGACCAGAGAATTCGAATACAT CTGCTGTNNNGATCGACATG	4249
TGCAGGACCAGAGAATTCGAATACAC ATTGTCCNNNGATCGACATG	3770	TGCAGGACCAGAGAATTCGAATACAG CACGGCTNNNGATCGACATG	4010	TGCAGGACCAGAGAATTCGAATACAT GGTATTANNNGATCGACATG	4250
TGCAGGACCAGAGAATTCGAATACAT AGTAACTNNNGATCGACATG	3771	TGCAGGACCAGAGAATTCGAATACAA CCCAAACNNNGATCGACATG	4011	TGCAGGACCAGAGAATTCGAATACAA GAATGTANNNGATCGACATG	4251
TGCAGGACCAGAGAATTCGAATACAT AGATGTTNNNGATCGACATG	3772	TGCAGGACCAGAGAATTCGAATACAC ATAAACTNNNGATCGACATG	4012	TGCAGGACCAGAGAATTCGAATACAG GCGAGCANNNGATCGACATG	4252

FIG. 17F

Pool-16	SEQ ID NO:	Pool-17	SEQ ID NO:	Pool-18	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAA ATGAGCGNNNGATCGACATG	3773	TGCAGGACCAGAGAATTCGAATACAT CGTAAGCNNNGATCGACATG	4013	TGCAGGACCAGAGAATTCGAATACAG CCACAATNNNGATCGACATG	4253
TGCAGGACCAGAGAATTCGAATACAA CTTGCGANNNGATCGACATG	3774	TGCAGGACCAGAGAATTCGAATACAG AGCTTGTNNNGATCGACATG	4014	TGCAGGACCAGAGAATTCGAATACAT ATTCTCANNNGATCGACATG	4254
TGCAGGACCAGAGAATTCGAATACAG GCGTACCNNNGATCGACATG	3775	TGCAGGACCAGAGAATTCGAATACAG TTTTGTTNNNGATCGACATG	4015	TGCAGGACCAGAGAATTCGAATACAA AGACCTCNNNGATCGACATG	4255
TGCAGGACCAGAGAATTCGAATACAG GTCACATNNNGATCGACATG	3776	TGCAGGACCAGAGAATTCGAATACAT GAGTAGGNNNGATCGACATG	4016	TGCAGGACCAGAGAATTCGAATACAC ACATAATNNNGATCGACATG	4256
TGCAGGACCAGAGAATTCGAATACAC ACTTAAANNNGATCGACATG	3777	TGCAGGACCAGAGAATTCGAATACAT GAGTCTGNNNGATCGACATG	4017	TGCAGGACCAGAGAATTCGAATACAA CCCTGAANNNGATCGACATG	4257
TGCAGGACCAGAGAATTCGAATACAT TTACCTANNNGATCGACATG	3778	TGCAGGACCAGAGAATTCGAATACAA GAAGCTGNNNGATCGACATG	4018	TGCAGGACCAGAGAATTCGAATACAG TAGACCTNNNGATCGACATG	4258
TGCAGGACCAGAGAATTCGAATACAA GTTTGGCNNNGATCGACATG	3779	TGCAGGACCAGAGAATTCGAATACAT AGAAGCGNNNGATCGACATG	4019	TGCAGGACCAGAGAATTCGAATACAC CCTACCGNNNGATCGACATG	4259
TGCAGGACCAGAGAATTCGAATACAG AGACATGNNNGATCGACATG	3780	TGCAGGACCAGAGAATTCGAATACAG CTTATGGNNNGATCGACATG	4020	TGCAGGACCAGAGAATTCGAATACAT ATCCCACNNNGATCGACATG	4260
TGCAGGACCAGAGAATTCGAATACAG AGGCATANNNGATCGACATG	3781	TGCAGGACCAGAGAATTCGAATACAG GCATATCNNNGATCGACATG	4021	TGCAGGACCAGAGAATTCGAATACAA GTCATTANNNGATCGACATG	4261
TGCAGGACCAGAGAATTCGAATACAC CTGCTCGNNNGATCGACATG	3782	TGCAGGACCAGAGAATTCGAATACAT CCGCTTANNNGATCGACATG	4022	TGCAGGACCAGAGAATTCGAATACAG GAACAACNNNGATCGACATG	4262
TGCAGGACCAGAGAATTCGAATACAT TGCTAGGNNNGATCGACATG	3783	TGCAGGACCAGAGAATTCGAATACAT TTATAGGNNNGATCGACATG	4023	TGCAGGACCAGAGAATTCGAATACAA TCTCTGCNNNGATCGACATG	4263
TGCAGGACCAGAGAATTCGAATACAT CCCCGACNNNGATCGACATG	3784	TGCAGGACCAGAGAATTCGAATACAA TGCTTAANNNGATCGACATG	4024	TGCAGGACCAGAGAATTCGAATACAC TGTACCTNNNGATCGACATG	4264
TGCAGGACCAGAGAATTCGAATACAC ACGAATCNNNGATCGACATG	3785	TGCAGGACCAGAGAATTCGAATACAT GACGTACNNNGATCGACATG	4025	TGCAGGACCAGAGAATTCGAATACAG ATCCAGTNNNGATCGACATG	4265
TGCAGGACCAGAGAATTCGAATACAG CGTCGCANNNGATCGACATG	3786	TGCAGGACCAGAGAATTCGAATACAA GAGAAAANNNGATCGACATG	4026	TGCAGGACCAGAGAATTCGAATACAT AAGTTCANNNGATCGACATG	4266
TGCAGGACCAGAGAATTCGAATACAA ATCCAATNNNGATCGACATG	3787	TGCAGGACCAGAGAATTCGAATACAT GTCTCGTNNNGATCGACATG	4027	TGCAGGACCAGAGAATTCGAATACAC CGTTAGANNNGATCGACATG	4267
TGCAGGACCAGAGAATTCGAATACAC GCGAACCNNNGATCGACATG	3788	TGCAGGACCAGAGAATTCGAATACAC GTTATGGNNNGATCGACATG	4028	TGCAGGACCAGAGAATTCGAATACAA AGAGACCNNNGATCGACATG	4268
TGCAGGACCAGAGAATTCGAATACAT ATGATCANNNTGCATCAGGT	3789	TGCAGGACCAGAGAATTCGAATACAT ATTGAGTNNNTGCATCAGGT	4029	TGCAGGACCAGAGAATTCGAATACAC GCCCTACNNNTGCATCAGGT	4269
TGCAGGACCAGAGAATTCGAATACAT TGGCACANNNTGCATCAGGT	3790	TGCAGGACCAGAGAATTCGAATACAA ATAGAGTNNNTGCATCAGGT	4030	TGCAGGACCAGAGAATTCGAATACAG ACGGCCTNNNTGCATCAGGT	4270
TGCAGGACCAGAGAATTCGAATACAC TACACCTNNNTGCATCAGGT	3791	TGCAGGACCAGAGAATTCGAATACAC AGACATCNNNTGCATCAGGT	4031	TGCAGGACCAGAGAATTCGAATACAC GCGGAGANNNTGCATCAGGT	4271
TGCAGGACCAGAGAATTCGAATACAT TAGAGTTNNNTGCATCAGGT	3792	TGCAGGACCAGAGAATTCGAATACAG AAGCCAANNNTGCATCAGGT	4032	TGCAGGACCAGAGAATTCGAATACAG CGATAAGNNNTGCATCAGGT	4272
TGCAGGACCAGAGAATTCGAATACAG GTGTTGTNNNTGCATCAGGT	3793	TGCAGGACCAGAGAATTCGAATACAC AGTCCAANNNTGCATCAGGT	4033	TGCAGGACCAGAGAATTCGAATACAA CGCTAGTNNNTGCATCAGGT	4273
TGCAGGACCAGAGAATTCGAATACAC CAGACGCNNNTGCATCAGGT	3794	TGCAGGACCAGAGAATTCGAATACAT TCCGACTNNNTGCATCAGGT	4034	TGCAGGACCAGAGAATTCGAATACAT TTGAATGNNNTGCATCAGGT	4274
TGCAGGACCAGAGAATTCGAATACAT GTTGGCANNNTGCATCAGGT	3795	TGCAGGACCAGAGAATTCGAATACAA CAGTATTNNNTGCATCAGGT	4035	TGCAGGACCAGAGAATTCGAATACAT ATTAAATNNNTGCATCAGGT	4275
TGCAGGACCAGAGAATTCGAATACAT CTTCCTCNNNTGCATCAGGT	3796	TGCAGGACCAGAGAATTCGAATACAG AGAATATNNNTGCATCAGGT	4036	TGCAGGACCAGAGAATTCGAATACAC GTGTTGANNNTGCATCAGGT	4276
TGCAGGACCAGAGAATTCGAATACAC AAGATAANNNTGCATCAGGT	3797	TGCAGGACCAGAGAATTCGAATACAA GTAAGGCNNNTGCATCAGGT	4037	TGCAGGACCAGAGAATTCGAATACAA AGCTTATNNNTGCATCAGGT	4277
TGCAGGACCAGAGAATTCGAATACAT ACTAGCGNNNTGCATCAGGT	3798	TGCAGGACCAGAGAATTCGAATACAA GCGTATCNNNTGCATCAGGT	4038	TGCAGGACCAGAGAATTCGAATACAC CCCGACTNNNTGCATCAGGT	4278
TGCAGGACCAGAGAATTCGAATACAG ACACAAGNNNTGCATCAGGT	3799	TGCAGGACCAGAGAATTCGAATACAT ACGGTTGNNNTGCATCAGGT	4039	TGCAGGACCAGAGAATTCGAATACAG TCGTCAANNNTGCATCAGGT	4279
TGCAGGACCAGAGAATTCGAATACAG TTACCTCNNNTGCATCAGGT	3800	TGCAGGACCAGAGAATTCGAATACAA AGGAAGGNNNTGCATCAGGT	4040	TGCAGGACCAGAGAATTCGAATACAT ACATCGGNNNTGCATCAGGT	4280
TGCAGGACCAGAGAATTCGAATACAT CTACCACNNNTGCATCAGGT	3801	TGCAGGACCAGAGAATTCGAATACAC ATTGGACNNNTGCATCAGGT	4041	TGCAGGACCAGAGAATTCGAATACAG ACTTTCCNNNTGCATCAGGT	4281
TGCAGGACCAGAGAATTCGAATACAT AGTCGTGNNNTGCATCAGGT	3802	TGCAGGACCAGAGAATTCGAATACAT AAGGCTCNNNTGCATCAGGT	4042	TGCAGGACCAGAGAATTCGAATACAT GCCCTATNNNTGCATCAGGT	4282
TGCAGGACCAGAGAATTCGAATACAA ATGCAGGNNNTGCATCAGGT	3803	TGCAGGACCAGAGAATTCGAATACAC GAAGCGGNNNTGCATCAGGT	4043	TGCAGGACCAGAGAATTCGAATACAT GACGGAANNNTGCATCAGGT	4283
TGCAGGACCAGAGAATTCGAATACAC ATGGACTNNNTGCATCAGGT	3804	TGCAGGACCAGAGAATTCGAATACAG ACGATTCNNNTGCATCAGGT	4044	TGCAGGACCAGAGAATTCGAATACAG CTGCCAGNNNTGCATCAGGT	4284
TGCAGGACCAGAGAATTCGAATACAT TGCGAGTNNNTGCATCAGGT	3805	TGCAGGACCAGAGAATTCGAATACAG TCGATACNNNTGCATCAGGT	4045	TGCAGGACCAGAGAATTCGAATACAT CATATAGNNNTGCATCAGGT	4285

FIG. 17G

Pool-16	SEQ ID NO:	Pool-17	SEQ ID NO:	Pool-18	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAT TGCAAGCNNNTGCATCAGGT	3806	TGCAGGACCAGAGAATTCGAATACAC ATCAATANNNTGCATCAGGT	4046	TGCAGGACCAGAGAATTCGAATACAT GTGCGATNNNTGCATCAGGT	4286
TGCAGGACCAGAGAATTCGAATACAC CTCGGAGNNNTGCATCAGGT	3807	TGCAGGACCAGAGAATTCGAATACAC ACACATGNNNTGCATCAGGT	4047	TGCAGGACCAGAGAATTCGAATACAC ACGATCANNNTGCATCAGGT	4287
TGCAGGACCAGAGAATTCGAATACAT AACATTGNNNTGCATCAGGT	3808	TGCAGGACCAGAGAATTCGAATACAG CAGCGAGNNNTGCATCAGGT	4048	TGCAGGACCAGAGAATTCGAATACAG ACTGCCGNNNTGCATCAGGT	4288
TGCAGGACCAGAGAATTCGAATACAG AGGTTAGNNNTGCATCAGGT	3809	TGCAGGACCAGAGAATTCGAATACAT ACGGCTANNNTGCATCAGGT	4049	TGCAGGACCAGAGAATTCGAATACAG TGGTCATNNNTGCATCAGGT	4289
TGCAGGACCAGAGAATTCGAATACAA GAAACTANNNTGCATCAGGT	3810	TGCAGGACCAGAGAATTCGAATACAC AGCAGAANNNTGCATCAGGT	4050	TGCAGGACCAGAGAATTCGAATACAT GTGAGCTNNNTGCATCAGGT	4290
TGCAGGACCAGAGAATTCGAATACAT CCACCTANNNTGCATCAGGT	3811	TGCAGGACCAGAGAATTCGAATACAA AGATTAGNNNTGCATCAGGT	4051	TGCAGGACCAGAGAATTCGAATACAA ACCGTCANNNTGCATCAGGT	4291
TGCAGGACCAGAGAATTCGAATACAT CCTTCCTNNNTGCATCAGGT	3812	TGCAGGACCAGAGAATTCGAATACAG CAAAGACNNNTGCATCAGGT	4052	TGCAGGACCAGAGAATTCGAATACAA TTACAGTNNNTGCATCAGGT	4292
TGCAGGACCAGAGAATTCGAATACAA ACTCCGANNNTGCATCAGGT	3813	TGCAGGACCAGAGAATTCGAATACAA TAAACAGNNNTGCATCAGGT	4053	TGCAGGACCAGAGAATTCGAATACAG CAATAAANNNTGCATCAGGT	4293
TGCAGGACCAGAGAATTCGAATACAA ATTAGCTNNNTGCATCAGGT	3814	TGCAGGACCAGAGAATTCGAATACAT TCCAAAANNNTGCATCAGGT	4054	TGCAGGACCAGAGAATTCGAATACAA GCTTAGCNNNTGCATCAGGT	4294
TGCAGGACCAGAGAATTCGAATACAA TAGTAAGNNNTGCATCAGGT	3815	TGCAGGACCAGAGAATTCGAATACAT GGTATCGNNNTGCATCAGGT	4055	TGCAGGACCAGAGAATTCGAATACAT CATTGCCNNNTGCATCAGGT	4295
TGCAGGACCAGAGAATTCGAATACAG TTTTACTNNNTGCATCAGGT	3816	TGCAGGACCAGAGAATTCGAATACAA ACACTTANNNTGCATCAGGT	4056	TGCAGGACCAGAGAATTCGAATACAC ACTATAANNNTGCATCAGGT	4296
TGCAGGACCAGAGAATTCGAATACAC GCAATTGNNNTGCATCAGGT	3817	TGCAGGACCAGAGAATTCGAATACAA CCGTGGCNNNTGCATCAGGT	4057	TGCAGGACCAGAGAATTCGAATACAC TGCGTCCNNNTGCATCAGGT	4297
TGCAGGACCAGAGAATTCGAATACAG GAGGCGTNNNTGCATCAGGT	3818	TGCAGGACCAGAGAATTCGAATACAA GTCTAGCNNNTGCATCAGGT	4058	TGCAGGACCAGAGAATTCGAATACAC GATGAGANNNTGCATCAGGT	4298
TGCAGGACCAGAGAATTCGAATACAG TAACTGCNNNTGCATCAGGT	3819	TGCAGGACCAGAGAATTCGAATACAA GACTCCANNNTGCATCAGGT	4059	TGCAGGACCAGAGAATTCGAATACAT AGAAGGCNNNTGCATCAGGT	4299
TGCAGGACCAGAGAATTCGAATACAT GTCAACGNNNTGCATCAGGT	3820	TGCAGGACCAGAGAATTCGAATACAC CAGGATTNNNTGCATCAGGT	4060	TGCAGGACCAGAGAATTCGAATACAA TACACCGNNNTGCATCAGGT	4300
TGCAGGACCAGAGAATTCGAATACAC GATTTTTNNNTGCATCAGGT	3821	TGCAGGACCAGAGAATTCGAATACAA GAATGATNNNTGCATCAGGT	4061	TGCAGGACCAGAGAATTCGAATACAT CCAGCAANNNTGCATCAGGT	4301
TGCAGGACCAGAGAATTCGAATACAC CGTATTCNNNTGCATCAGGT	3822	TGCAGGACCAGAGAATTCGAATACAA CGACATCNNNTGCATCAGGT	4062	TGCAGGACCAGAGAATTCGAATACAG TGTTCCTNNNTGCATCAGGT	4302
TGCAGGACCAGAGAATTCGAATACAG CCGCGATNNNTGCATCAGGT	3823	TGCAGGACCAGAGAATTCGAATACAG TAAAAACNNNTGCATCAGGT	4063	TGCAGGACCAGAGAATTCGAATACAG AAACGTGNNNTGCATCAGGT	4303
TGCAGGACCAGAGAATTCGAATACAG GCCCTAGNNNTGCATCAGGT	3824	TGCAGGACCAGAGAATTCGAATACAA TTAACACNNNTGCATCAGGT	4064	TGCAGGACCAGAGAATTCGAATACAC CCTCTAANNNTGCATCAGGT	4304
TGCAGGACCAGAGAATTCGAATACAA ACAGGCANNNTGCATCAGGT	3825	TGCAGGACCAGAGAATTCGAATACAA CAAATTCNNNTGCATCAGGT	4065	TGCAGGACCAGAGAATTCGAATACAA CCGAGCCNNNTGCATCAGGT	4305
TGCAGGACCAGAGAATTCGAATACAA CCTATGGNNNTGCATCAGGT	3826	TGCAGGACCAGAGAATTCGAATACAC GTCCATTNNNTGCATCAGGT	4066	TGCAGGACCAGAGAATTCGAATACAG CGCCCTTNNNTGCATCAGGT	4306
TGCAGGACCAGAGAATTCGAATACAT GTGTCGANNNTGCATCAGGT	3827	TGCAGGACCAGAGAATTCGAATACAA GAAATCANNNTGCATCAGGT	4067	TGCAGGACCAGAGAATTCGAATACAA AATAGACNNNTGCATCAGGT	4307
TGCAGGACCAGAGAATTCGAATACAG TGGATTCNNNTGCATCAGGT	3828	TGCAGGACCAGAGAATTCGAATACAA AATCACTNNNTGCATCAGGT	4068	TGCAGGACCAGAGAATTCGAATACAT GACACTGNNNTGCATCAGGT	4308
TGCAGGACCAGAGAATTCGAATACAT CGGACCGNNNTGCATCAGGT	3829	TGCAGGACCAGAGAATTCGAATACAC TCCACGCNNNTGCATCAGGT	4069	TGCAGGACCAGAGAATTCGAATACAA GCGCGAGNNNTGCATCAGGT	4309
TGCAGGACCAGAGAATTCGAATACAA AACATAGNNNTGCATCAGGT	3830	TGCAGGACCAGAGAATTCGAATACAG AATAATGNNNTGCATCAGGT	4070	TGCAGGACCAGAGAATTCGAATACAG CAGAAGTNNNTGCATCAGGT	4310
TGCAGGACCAGAGAATTCGAATACAA GAAGCGTNNNTGCATCAGGT	3831	TGCAGGACCAGAGAATTCGAATACAT GTGACCANNNTGCATCAGGT	4071	TGCAGGACCAGAGAATTCGAATACAG GCTGATTNNNTGCATCAGGT	4311
TGCAGGACCAGAGAATTCGAATACAC CCTCACGNNNTGCATCAGGT	3832	TGCAGGACCAGAGAATTCGAATACAT CGATTAANNNTGCATCAGGT	4072	TGCAGGACCAGAGAATTCGAATACAG TAGAATANNNTGCATCAGGT	4312
TGCAGGACCAGAGAATTCGAATACAA ACTGTCGNNNTGCATCAGGT	3833	TGCAGGACCAGAGAATTCGAATACAC GCCAAATNNNTGCATCAGGT	4073	TGCAGGACCAGAGAATTCGAATACAC CATCGAANNNTGCATCAGGT	4313
TGCAGGACCAGAGAATTCGAATACAT CTTGGAGNNNTGCATCAGGT	3834	TGCAGGACCAGAGAATTCGAATACAC TTGTAAANNNTGCATCAGGT	4074	TGCAGGACCAGAGAATTCGAATACAT TGCCTACNNNTGCATCAGGT	4314
TGCAGGACCAGAGAATTCGAATACAG TGAAATANNNTGCATCAGGT	3835	TGCAGGACCAGAGAATTCGAATACAA ATTAGAGNNNTGCATCAGGT	4075	TGCAGGACCAGAGAATTCGAATACAA CTCCCATNNNTGCATCAGGT	4315
TGCAGGACCAGAGAATTCGAATACAT GCTTCTGNNNTGCATCAGGT	3836	TGCAGGACCAGAGAATTCGAATACAT AGCTTGGNNNTGCATCAGGT	4076	TGCAGGACCAGAGAATTCGAATACAG TTTCCACNNNTGCATCAGGT	4316
TGCAGGACCAGAGAATTCGAATACAT GACTTCCNNNTGCATCAGGT	3837	TGCAGGACCAGAGAATTCGAATACAA TAGGAGCNNNTGCATCAGGT	4077	TGCAGGACCAGAGAATTCGAATACAG ATATTGTNNNTGCATCAGGT	4317
TGCAGGACCAGAGAATTCGAATACAC CCGGATGNNNTGCATCAGGT	3838	TGCAGGACCAGAGAATTCGAATACAT TATACTCNNNTGCATCAGGT	4078	TGCAGGACCAGAGAATTCGAATACAA CTGAGGANNNTGCATCAGGT	4318

FIG. 17H

Pool-16	SEQ ID NO:	Pool-17	SEQ ID NO:	Pool-18	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAG AGGACATNNNTGCATCAGGT	3839	TGCAGGACCAGAGAATTCGAATACAT TGTTGCCNNNTGCATCAGGT	4079	TGCAGGACCAGAGAATTCGAATACAG TAGTCTGNNNTGCATCAGGT	4319
TGCAGGACCAGAGAATTCGAATACAC AGGTATCNNNTGCATCAGGT	3840	TGCAGGACCAGAGAATTCGAATACAT TCCGAGANNNTGCATCAGGT	4080	TGCAGGACCAGAGAATTCGAATACAT GTAAATCNNNTGCATCAGGT	4320
TGCAGGACCAGAGAATTCGAATACAG TAGTATTNNNTGCATCAGGT	3841	TGCAGGACCAGAGAATTCGAATACAA TCCCATCNNNTGCATCAGGT	4081	TGCAGGACCAGAGAATTCGAATACAG CATATGCNNNTGCATCAGGT	4321
TGCAGGACCAGAGAATTCGAATACAA AGGAGGANNNTGCATCAGGT	3842	TGCAGGACCAGAGAATTCGAATACAT TTGCCACNNNTGCATCAGGT	4082	TGCAGGACCAGAGAATTCGAATACAA TTCGTAANNNTGCATCAGGT	4322
TGCAGGACCAGAGAATTCGAATACAA AGAGCCANNNTGCATCAGGT	3843	TGCAGGACCAGAGAATTCGAATACAG TGAGCGGNNNTGCATCAGGT	4083	TGCAGGACCAGAGAATTCGAATACAA ATCCACGNNNTGCATCAGGT	4323
TGCAGGACCAGAGAATTCGAATACAG TCTCTCANNNTGCATCAGGT	3844	TGCAGGACCAGAGAATTCGAATACAT CGCATCTNNNTGCATCAGGT	4084	TGCAGGACCAGAGAATTCGAATACAG CGCCGCGNNNTGCATCAGGT	4324
TGCAGGACCAGAGAATTCGAATACAA CGGTGTTNNNTGCATCAGGT	3845	TGCAGGACCAGAGAATTCGAATACAT CTGCAGANNNTGCATCAGGT	4085	TGCAGGACCAGAGAATTCGAATACAG GCTCGACNNNTGCATCAGGT	4325
TGCAGGACCAGAGAATTCGAATACAC GTACGATNNNTGCATCAGGT	3846	TGCAGGACCAGAGAATTCGAATACAG CCCAAGCNNNTGCATCAGGT	4086	TGCAGGACCAGAGAATTCGAATACAA CCCCGAGNNNTGCATCAGGT	4326
TGCAGGACCAGAGAATTCGAATACAG AGGTGTANNNTGCATCAGGT	3847	TGCAGGACCAGAGAATTCGAATACAT TTCTCGGNNNTGCATCAGGT	4087	TGCAGGACCAGAGAATTCGAATACAA GTCACCANNNTGCATCAGGT	4327
TGCAGGACCAGAGAATTCGAATACAC ACCACAANNNTGCATCAGGT	3848	TGCAGGACCAGAGAATTCGAATACAG GCCTACGNNNTGCATCAGGT	4088	TGCAGGACCAGAGAATTCGAATACAA AAATTCCNNNTGCATCAGGT	4328

FIG. 18A

Pool-19	SEQ ID NO:	Pool-20	SEQ ID NO:	Pool-21	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAGCCCTCTGNNNACGTATGCCA	4329	TGCAGGACCAGAGAATTCGAATA CATGTTGTCCNNNACGTATGCCA	4569	TGCAGGACCAGAGAATTCGAATA CATGAAACAANNNACGTATGCCA	4809
TGCAGGACCAGAGAATTCGAATA CAGCAAAGGTNNNACGTATGCCA	4330	TGCAGGACCAGAGAATTCGAATA CATAACCAGCNNNACGTATGCCA	4570	TGCAGGACCAGAGAATTCGAATA CACCGTTGCCNNNACGTATGCCA	4810
TGCAGGACCAGAGAATTCGAATA CATTTCTATGNNNACGTATGCCA	4331	TGCAGGACCAGAGAATTCGAATA CATGCGCGACNNNACGTATGCCA	4571	TGCAGGACCAGAGAATTCGAATA CAGCATTGGTNNNACGTATGCCA	4811
TGCAGGACCAGAGAATTCGAATA CACGTGCAATNNNACGTATGCCA	4332	TGCAGGACCAGAGAATTCGAATA CAATCGTCTCNNNACGTATGCCA	4572	TGCAGGACCAGAGAATTCGAATA CATAGGCCATNNNACGTATGCCA	4812
TGCAGGACCAGAGAATTCGAATA CAGTTTAGGCNNNACGTATGCCA	4333	TGCAGGACCAGAGAATTCGAATA CATCCGCACCNNNACGTATGCCA	4573	TGCAGGACCAGAGAATTCGAATA CAACTCCTCANNNACGTATGCCA	4813
TGCAGGACCAGAGAATTCGAATA CAAAAATGACNNNACGTATGCCA	4334	TGCAGGACCAGAGAATTCGAATA CATTACTGAANNNACGTATGCCA	4574	TGCAGGACCAGAGAATTCGAATA CACTAGGCGCNNNACGTATGCCA	4814
TGCAGGACCAGAGAATTCGAATA CACTACTAGGNNNACGTATGCCA	4335	TGCAGGACCAGAGAATTCGAATA CAAGGTCCGCNNNACGTATGCCA	4575	TGCAGGACCAGAGAATTCGAATA CAAGTTTAGTNNNACGTATGCCA	4815
TGCAGGACCAGAGAATTCGAATA CACACCCAGGNNNACGTATGCCA	4336	TGCAGGACCAGAGAATTCGAATA CAGTGCCCTCNNNACGTATGCCA	4576	TGCAGGACCAGAGAATTCGAATA CATTGATACANNNACGTATGCCA	4816
TGCAGGACCAGAGAATTCGAATA CAGCCGCCTTNNNACGTATGCCA	4337	TGCAGGACCAGAGAATTCGAATA CAGCGTAGCCNNNACGTATGCCA	4577	TGCAGGACCAGAGAATTCGAATA CAACAATTACNNNACGTATGCCA	4817
TGCAGGACCAGAGAATTCGAATA CACAACGTCANNNACGTATGCCA	4338	TGCAGGACCAGAGAATTCGAATA CATAGCCAACNNNACGTATGCCA	4578	TGCAGGACCAGAGAATTCGAATA CAATACCGGTNNNACGTATGCCA	4818
TGCAGGACCAGAGAATTCGAATA CATCTCAAGGNNNACGTATGCCA	4339	TGCAGGACCAGAGAATTCGAATA CAATATACCANNNACGTATGCCA	4579	TGCAGGACCAGAGAATTCGAATA CATGAAGCCTNNNACGTATGCCA	4819
TGCAGGACCAGAGAATTCGAATA CATCATAAACNNNACGTATGCCA	4340	TGCAGGACCAGAGAATTCGAATA CATAAAATCCNNNACGTATGCCA	4580	TGCAGGACCAGAGAATTCGAATA CATTACCTGCNNNACGTATGCCA	4820
TGCAGGACCAGAGAATTCGAATA CATCCTCCCCNNNACGTATGCCA	4341	TGCAGGACCAGAGAATTCGAATA CAGATGGTGANNNACGTATGCCA	4581	TGCAGGACCAGAGAATTCGAATA CATATCAGATNNNACGTATGCCA	4821
TGCAGGACCAGAGAATTCGAATA CAAGTAACCCNNNACGTATGCCA	4342	TGCAGGACCAGAGAATTCGAATA CAGAACGTAGNNNACGTATGCCA	4582	TGCAGGACCAGAGAATTCGAATA CAGAAGAATTNNNACGTATGCCA	4822
TGCAGGACCAGAGAATTCGAATA CAGTGACAAGNNNACGTATGCCA	4343	TGCAGGACCAGAGAATTCGAATA CAATATTAATNNNACGTATGCCA	4583	TGCAGGACCAGAGAATTCGAATA CAGATCACGTNNNACGTATGCCA	4823
TGCAGGACCAGAGAATTCGAATA CAGCAATACCNNNACGTATGCCA	4344	TGCAGGACCAGAGAATTCGAATA CATACTGAATNNNACGTATGCCA	4584	TGCAGGACCAGAGAATTCGAATA CAAGGTAGACNNNACGTATGCCA	4824
TGCAGGACCAGAGAATTCGAATA CAAATACGTTNNNACGTATGCCA	4345	TGCAGGACCAGAGAATTCGAATA CAGTCCGAGCNNNACGTATGCCA	4585	TGCAGGACCAGAGAATTCGAATA CATTGACCGANNNACGTATGCCA	4825
TGCAGGACCAGAGAATTCGAATA CACCATGTAGNNNACGTATGCCA	4346	TGCAGGACCAGAGAATTCGAATA CACCTGGTAANNNACGTATGCCA	4586	TGCAGGACCAGAGAATTCGAATA CACCACTGTTNNNACGTATGCCA	4826
TGCAGGACCAGAGAATTCGAATA CACCCAACGGNNNACGTATGCCA	4347	TGCAGGACCAGAGAATTCGAATA CACCCTAGAANNNACGTATGCCA	4587	TGCAGGACCAGAGAATTCGAATA CAGTCAGAAGNNNACGTATGCCA	4827
TGCAGGACCAGAGAATTCGAATA CAGCGGTTGCNNNACGTATGCCA	4348	TGCAGGACCAGAGAATTCGAATA CATTAAAGTCNNNACGTATGCCA	4588	TGCAGGACCAGAGAATTCGAATA CACCGACCTCNNNACGTATGCCA	4828
TGCAGGACCAGAGAATTCGAATA CAGTGATCTGNNNACGTATGCCA	4349	TGCAGGACCAGAGAATTCGAATA CAACGTGGCCNNNACGTATGCCA	4589	TGCAGGACCAGAGAATTCGAATA CAATTAGTGTNNNACGTATGCCA	4829
TGCAGGACCAGAGAATTCGAATA CATAAGCGTNNNACGTATGCCA	4350	TGCAGGACCAGAGAATTCGAATA CAGCTATCCTNNNACGTATGCCA	4590	TGCAGGACCAGAGAATTCGAATA CAGCATACCANNNACGTATGCCA	4830
TGCAGGACCAGAGAATTCGAATA CATGTTTGTTNNNACGTATGCCA	4351	TGCAGGACCAGAGAATTCGAATA CAAGCGTTGTNNNACGTATGCCA	4591	TGCAGGACCAGAGAATTCGAATA CAAGTTTTTCNNNACGTATGCCA	4831
TGCAGGACCAGAGAATTCGAATA CAACGAGCGGNNNACGTATGCCA	4352	TGCAGGACCAGAGAATTCGAATA CACTTCGCTANNNACGTATGCCA	4592	TGCAGGACCAGAGAATTCGAATA CATTCGCGTTNNNACGTATGCCA	4832
TGCAGGACCAGAGAATTCGAATA CATAGATCGCNNNACGTATGCCA	4353	TGCAGGACCAGAGAATTCGAATA CACATTTTTGNNNACGTATGCCA	4593	TGCAGGACCAGAGAATTCGAATA CATGGAGCCCNNNACGTATGCCA	4833
TGCAGGACCAGAGAATTCGAATA CATGATACGCNNNACGTATGCCA	4354	TGCAGGACCAGAGAATTCGAATA CAAACTTCGGNNNACGTATGCCA	4594	TGCAGGACCAGAGAATTCGAATA CACGTGGCACNNNACGTATGCCA	4834
TCCACCACCACACAATTCCAATA CATAGTTACANNNACGTATGCCA	4355	TCCACCACCACACAATTCCAATA CATACCGTGANNNACGTATGCCA	4595	TCCACCACCACACAATTCCAATA CATCTTACTANNNACGTATGCCA	4835
TGCAGGACCAGAGAATTCGAATA CACTTGGTGANNNACGTATGCCA	4356	TGCAGGACCAGAGAATTCGAATA CAAGCTTTTTNNNACGTATGCCA	4596	TGCAGGACCAGAGAATTCGAATA CAATCCGGTANNNACGTATGCCA	4836
TGCAGGACCAGAGAATTCGAATA CATTAATCTCNNNACGTATGCCA	4357	TGCAGGACCAGAGAATTCGAATA CATGTTCTCGNNNACGTATGCCA	4597	TGCAGGACCAGAGAATTCGAATA CAGACACCTANNNACGTATGCCA	4837
TGCAGGACCAGAGAATTCGAATA CATTAGACGCNNNACGTATGCCA	4358	TGCAGGACCAGAGAATTCGAATA CAAATCGGCTNNNACGTATGCCA	4598	TGCAGGACCAGAGAATTCGAATA CATCCGTCTANNNACGTATGCCA	4838
TGCAGGACCAGAGAATTCGAATA CAACACCAGTNNNACGTATGCCA	4359	TGCAGGACCAGAGAATTCGAATA CATGAACCACNNNACGTATGCCA	4599	TGCAGGACCAGAGAATTCGAATA CAAGATTACTNNNACGTATGCCA	4839
TGCAGGACCAGAGAATTCGAATA CAACCAGGAANNNACGTATGCCA	4360	TGCAGGACCAGAGAATTCGAATA CAATTTCATCNNNACGTATGCCA	4600	TGCAGGACCAGAGAATTCGAATA CAAGATTGAANNNACGTATGCCA	4840
TGCAGGACCAGAGAATTCGAATA CAATGCATGCNNNACGTATGCCA	4361	TGCAGGACCAGAGAATTCGAATA CACAGTCACANNNACGTATGCCA	4601	TGCAGGACCAGAGAATTCGAATA CATTTAAAGCNNNACGTATGCCA	4841

FIG. 18B

Pool-19	SEQ ID NO:	Pool-20	SEQ ID NO:	Pool-21	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATACACATANNNACGTATGCCA	4362	TGCAGGACCAGAGAATTCGAATA CACCCATAGANNNACGTATGCCA	4602	TGCAGGACCAGAGAATTCGAATA CAGAATTGCCNNNACGTATGCCA	4842
TGCAGGACCAGAGAATTCGAATA CATCTTTCAANNNACGTATGCCA	4363	TGCAGGACCAGAGAATTCGAATA CACAGAATGGNNNACGTATGCCA	4603	TGCAGGACCAGAGAATTCGAATA CATTACGTCCNNNACGTATGCCA	4843
TGCAGGACCAGAGAATTCGAATA CACTATCAAANNNACGTATGCCA	4364	TGCAGGACCAGAGAATTCGAATA CAGTATGAAANNNACGTATGCCA	4604	TGCAGGACCAGAGAATTCGAATA CAATGAGGACNNNACGTATGCCA	4844
TGCAGGACCAGAGAATTCGAATA CATTACCAAANNNACGTATGCCA	4365	TGCAGGACCAGAGAATTCGAATA CAGTTTAAGTNNNACGTATGCCA	4605	TGCAGGACCAGAGAATTCGAATA CAATTGTTAGNNNACGTATGCCA	4845
TGCAGGACCAGAGAATTCGAATA CACCGGCGATNNNACGTATGCCA	4366	TGCAGGACCAGAGAATTCGAATA CAGCGTTATGNNNACGTATGCCA	4606	TGCAGGACCAGAGAATTCGAATA CAGCTTGTAGNNNACGTATGCCA	4846
TGCAGGACCAGAGAATTCGAATA CAGTTGTATANNNACGTATGCCA	4367	TGCAGGACCAGAGAATTCGAATA CATCCGTTACNNNACGTATGCCA	4607	TGCAGGACCAGAGAATTCGAATA CATTGCTTCGNNNACGTATGCCA	4847
TGCAGGACCAGAGAATTCGAATA CAATACGGCTNNNACGTATGCCA	4368	TGCAGGACCAGAGAATTCGAATA CACGAAACCTNNNACGTATGCCA	4608	TGCAGGACCAGAGAATTCGAATA CAAAAGGCTGNNNACGTATGCCA	4848
TGCAGGACCAGAGAATTCGAATA CATGGCAACTNNNACGTATGCCA	4369	TGCAGGACCAGAGAATTCGAATA CACGGCCATGNNNACGTATGCCA	4609	TGCAGGACCAGAGAATTCGAATA CACTTACGAGNNNACGTATGCCA	4849
TGCAGGACCAGAGAATTCGAATA CAGATTTCAANNNACGTATGCCA	4370	TGCAGGACCAGAGAATTCGAATA CACGAAAAGCNNNACGTATGCCA	4610	TGCAGGACCAGAGAATTCGAATA CAATCTATAGNNNACGTATGCCA	4850
TGCAGGACCAGAGAATTCGAATA CAGTATCTTTNNNACGTATGCCA	4371	TGCAGGACCAGAGAATTCGAATA CAAGGTTGTCNNNACGTATGCCA	4611	TGCAGGACCAGAGAATTCGAATA CAGGTACACTNNNACGTATGCCA	4851
TGCAGGACCAGAGAATTCGAATA CAGCAACAGANNNACGTATGCCA	4372	TGCAGGACCAGAGAATTCGAATA CAACGAAGGTNNNACGTATGCCA	4612	TGCAGGACCAGAGAATTCGAATA CACCGCCTCANNNACGTATGCCA	4852
TGCAGGACCAGAGAATTCGAATA CAGCGTTCAANNNACGTATGCCA	4373	TGCAGGACCAGAGAATTCGAATA CATCCCCCGANNNACGTATGCCA	4613	TGCAGGACCAGAGAATTCGAATA CACAGGACGGNNNACGTATGCCA	4853
TGCAGGACCAGAGAATTCGAATA CAGTATTCGGNNNACGTATGCCA	4374	TGCAGGACCAGAGAATTCGAATA CAAGCGATCTNNNACGTATGCCA	4614	TGCAGGACCAGAGAATTCGAATA CAATCATGGCNNNACGTATGCCA	4854
TGCAGGACCAGAGAATTCGAATA CATCCTATATNNNACGTATGCCA	4375	TGCAGGACCAGAGAATTCGAATA CACTATAATGNNNACGTATGCCA	4615	TGCAGGACCAGAGAATTCGAATA CATATAGGTTNNNACGTATGCCA	4855
TGCAGGACCAGAGAATTCGAATA CAAGTCGTACNNNACGTATGCCA	4376	TGCAGGACCAGAGAATTCGAATA CATTCGTCTGNNNACGTATGCCA	4616	TGCAGGACCAGAGAATTCGAATA CAGATTTAACNNNACGTATGCCA	4856
TGCAGGACCAGAGAATTCGAATA CACCTAGACANNNACGTATGCCA	4377	TGCAGGACCAGAGAATTCGAATA CAGCGCCTTCNNNACGTATGCCA	4617	TGCAGGACCAGAGAATTCGAATA CAATGGAACGNNNACGTATGCCA	4857
TGCAGGACCAGAGAATTCGAATA CAATTGGTCGNNNACGTATGCCA	4378	TGCAGGACCAGAGAATTCGAATA CACGCAATCANNNACGTATGCCA	4618	TGCAGGACCAGAGAATTCGAATA CAGCTTTCACNNNACGTATGCCA	4858
TGCAGGACCAGAGAATTCGAATA CAGGTCACGCNNNACGTATGCCA	4379	TGCAGGACCAGAGAATTCGAATA CAGTCGGTCGNNNACGTATGCCA	4619	TGCAGGACCAGAGAATTCGAATA CAGTCCGTGGNNNACGTATGCCA	4859
TGCAGGACCAGAGAATTCGAATA CACACCAAACNNNACGTATGCCA	4380	TGCAGGACCAGAGAATTCGAATA CATAGCAGGANNNACGTATGCCA	4620	TGCAGGACCAGAGAATTCGAATA CATACTCCCANNNACGTATGCCA	4860
TGCAGGACCAGAGAATTCGAATA CAGAATTCATNNNACGTATGCCA	4381	TGCAGGACCAGAGAATTCGAATA CAGATGGAGTNNNACGTATGCCA	4621	TGCAGGACCAGAGAATTCGAATA CAGCCCGTCTNNNACGTATGCCA	4861
TGCAGGACCAGAGAATTCGAATA CATTCGCACTNNNACGTATGCCA	4382	TGCAGGACCAGAGAATTCGAATA CAAAGCACCTNNNACGTATGCCA	4622	TGCAGGACCAGAGAATTCGAATA CAGTCACTGANNNACGTATGCCA	4862
TGCAGGACCAGAGAATTCGAATA CACCGTTAAGNNNACGTATGCCA	4383	TGCAGGACCAGAGAATTCGAATA CAAGCGGCCTNNNACGTATGCCA	4623	TGCAGGACCAGAGAATTCGAATA CAAGCCGAGGNNNACGTATGCCA	4863
TGCAGGACCAGAGAATTCGAATA CACGCCTGCTNNNACGTATGCCA	4384	TGCAGGACCAGAGAATTCGAATA CACGTTTGCTNNNACGTATGCCA	4624	TGCAGGACCAGAGAATTCGAATA CAGCTATATANNNACGTATGCCA	4864
TGCAGGACCAGAGAATTCGAATA CAAAAACAGTNNNACGTATGCCA	4385	TGCAGGACCAGAGAATTCGAATA CACCTGCATTNNNACGTATGCCA	4625	TGCAGGACCAGAGAATTCGAATA CATCTCTCGANNNACGTATGCCA	4865
TGCAGGACCAGAGAATTCGAATA CAGAGATTTTNNNACGTATGCCA	4386	TGCAGGACCAGAGAATTCGAATA CAATTGAATCNNNACGTATGCCA	4626	TGCAGGACCAGAGAATTCGAATA CAACAATAGANNNACGTATGCCA	4866
TGCAGGACCAGAGAATTCGAATA CAACCAGTTGNNNACGTATGCCA	4387	TGCAGGACCAGAGAATTCGAATA CATCCGTGCCNNNACGTATGCCA	4627	TGCAGGACCAGAGAATTCGAATA CAGAGAGCATNNNACGTATGCCA	4867
TCCACCACCACACAATTCCAATA CAAGTTCGCANNNACGTATGCCA	4388	TCCACCACCACACAATTCCAATA CATCTCAGGANNNACGTATGCCA	4628	TCCACCACCACACAATTCCAATA CACGATATGCNNNACGTATGCCA	4868
TGCAGGACCAGAGAATTCGAATA CAGATGACCTNNNCTAGCGTTAC	4389	TGCAGGACCAGAGAATTCGAATA CAAAGCCGTTNNNCTAGCGTTAC	4629	TGCAGGACCAGAGAATTCGAATA CACTTCCTCTNNNCTAGCGTTAC	4869
TGCAGGACCAGAGAATTCGAATA CACACGTATGNNNCTAGCGTTAC	4390	TGCAGGACCAGAGAATTCGAATA CACACCCTCGNNNCTAGCGTTAC	4630	TGCAGGACCAGAGAATTCGAATA CAAACAGTTTNNNCTAGCGTTAC	4870
TGCAGGACCAGAGAATTCGAATA CATGTCGGCGNNNCTAGCGTTAC	4391	TGCAGGACCAGAGAATTCGAATA CAGCTAGTTGNNNCTAGCGTTAC	4631	TGCAGGACCAGAGAATTCGAATA CATGTGGACTNNNCTAGCGTTAC	4871
TGCAGGACCAGAGAATTCGAATA CAGACCAAAGNNNCTAGCGTTAC	4392	TGCAGGACCAGAGAATTCGAATA CACCGTTACTNNNCTAGCGTTAC	4632	TGCAGGACCAGAGAATTCGAATA CACCTCGCACNNNCTAGCGTTAC	4872
TGCAGGACCAGAGAATTCGAATA CACTGCTACTNNNCTAGCGTTAC	4393	TGCAGGACCAGAGAATTCGAATA CATAAGCGTCNNNCTAGCGTTAC	4633	TGCAGGACCAGAGAATTCGAATA CACGGTTTCTNNNCTAGCGTTAC	4873
TGCAGGACCAGAGAATTCGAATA CACTCCAACTNNNCTAGCGTTAC	4394	TGCAGGACCAGAGAATTCGAATA CAGGTAAACGNNNCTAGCGTTAC	4634	TGCAGGACCAGAGAATTCGAATA CAACGTCGATNNNCTAGCGTTAC	4874

FIG. 18C

Pool-19	SEQ ID NO:	Pool-20	SEQ ID NO:	Pool-21	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACAATCCCTNNNCTAGCGTTAC	4395	TGCAGGACCAGAGAATTCGAATA CAGAACCAGANNNCTAGCGTTAC	4635	TGCAGGACCAGAGAATTCGAATA CATTGGCTTCNNNCTAGCGTTAC	4875
TGCAGGACCAGAGAATTCGAATA CATCGTGCAANNNCTAGCGTTAC	4396	TGCAGGACCAGAGAATTCGAATA CAGGACTGTTNNNCTAGCGTTAC	4636	TGCAGGACCAGAGAATTCGAATA CAATGGACGANNNCTAGCGTTAC	4876
TGCAGGACCAGAGAATTCGAATA CAAAGCCATCNNNCTAGCGTTAC	4397	TGCAGGACCAGAGAATTCGAATA CAATCGTGTGNNNCTAGCGTTAC	4637	TGCAGGACCAGAGAATTCGAATA CATGCAAGAGNNNCTAGCGTTAC	4877
TGCAGGACCAGAGAATTCGAATA CAATGAACTTNNNCTAGCGTTAC	4398	TGCAGGACCAGAGAATTCGAATA CAGTCACGGCNNNCTAGCGTTAC	4638	TGCAGGACCAGAGAATTCGAATA CAGAAATATGNNNCTAGCGTTAC	4878
TGCAGGACCAGAGAATTCGAATA CATGGCCGGTNNNCTAGCGTTAC	4399	TGCAGGACCAGAGAATTCGAATA CATCTCGTACNNNCTAGCGTTAC	4639	TGCAGGACCAGAGAATTCGAATA CAACACATATNNNCTAGCGTTAC	4879
TGCAGGACCAGAGAATTCGAATA CATGCCACGGNNNCTAGCGTTAC	4400	TGCAGGACCAGAGAATTCGAATA CAAGTCGCGCNNNCTAGCGTTAC	4640	TGCAGGACCAGAGAATTCGAATA CAGTACGACTNNNCTAGCGTTAC	4880
TGCAGGACCAGAGAATTCGAATA CAGTCTTCGTNNNCTAGCGTTAC	4401	TGCAGGACCAGAGAATTCGAATA CACATAGTCGNNNCTAGCGTTAC	4641	TGCAGGACCAGAGAATTCGAATA CACGCCGCGGNNNCTAGCGTTAC	4881
TGCAGGACCAGAGAATTCGAATA CAAACGTAGGNNNCTAGCGTTAC	4402	TGCAGGACCAGAGAATTCGAATA CACATGTACGNNNCTAGCGTTAC	4642	TGCAGGACCAGAGAATTCGAATA CATAGTGCACNNNCTAGCGTTAC	4882
TGCAGGACCAGAGAATTCGAATA CAATGGAGCANNNCTAGCGTTAC	4403	TGCAGGACCAGAGAATTCGAATA CAGCGTATCANNNCTAGCGTTAC	4643	TGCAGGACCAGAGAATTCGAATA CATCAATGCGNNNCTAGCGTTAC	4883
TGCAGGACCAGAGAATTCGAATA CATGACGGCCNNNCTAGCGTTAC	4404	TGCAGGACCAGAGAATTCGAATA CACAATTCTTNNNCTAGCGTTAC	4644	TGCAGGACCAGAGAATTCGAATA CAATGTAAGANNNCTAGCGTTAC	4884
TGCAGGACCAGAGAATTCGAATA CACTTAGGACNNNCTAGCGTTAC	4405	TGCAGGACCAGAGAATTCGAATA CAACTCTATTNNNCTAGCGTTAC	4645	TGCAGGACCAGAGAATTCGAATA CATATGTTAGNNNCTAGCGTTAC	4885
TGCAGGACCAGAGAATTCGAATA CAGACAGAGTNNNCTAGCGTTAC	4406	TGCAGGACCAGAGAATTCGAATA CATCATCCCANNNCTAGCGTTAC	4646	TGCAGGACCAGAGAATTCGAATA CATCAAATCANNNCTAGCGTTAC	4886
TGCAGGACCAGAGAATTCGAATA CAAAGTCGTCNNNCTAGCGTTAC	4407	TGCAGGACCAGAGAATTCGAATA CAGGCTTGGCNNNCTAGCGTTAC	4647	TGCAGGACCAGAGAATTCGAATA CACACTTAGGNNNCTAGCGTTAC	4887
TGCAGGACCAGAGAATTCGAATA CATACAAAAGNNNCTAGCGTTAC	4408	TGCAGGACCAGAGAATTCGAATA CAGTTCCTTGNNNCTAGCGTTAC	4648	TGCAGGACCAGAGAATTCGAATA CATAGGATAANNNCTAGCGTTAC	4888
TGCAGGACCAGAGAATTCGAATA CATCTCCTGANNNCTAGCGTTAC	4409	TGCAGGACCAGAGAATTCGAATA CAATGAGAATNNNCTAGCGTTAC	4649	TGCAGGACCAGAGAATTCGAATA CAATCCCGTTNNNCTAGCGTTAC	4889
TGCAGGACCAGAGAATTCGAATA CAAGCTGGTTNNNCTAGCGTTAC	4410	TGCAGGACCAGAGAATTCGAATA CACTGTATCCNNNCTAGCGTTAC	4650	TGCAGGACCAGAGAATTCGAATA CAACAATCCGNNNCTAGCGTTAC	4890
TGCAGGACCAGAGAATTCGAATA CAAATCAAGANNNCTAGCGTTAC	4411	TGCAGGACCAGAGAATTCGAATA CATACGCCCCNNNCTAGCGTTAC	4651	TGCAGGACCAGAGAATTCGAATA CACTATTAAGNNNCTAGCGTTAC	4891
TGCAGGACCAGAGAATTCGAATA CAACCACAACNNNCTAGCGTTAC	4412	TGCAGGACCAGAGAATTCGAATA CATGGCCGACNNNCTAGCGTTAC	4652	TGCAGGACCAGAGAATTCGAATA CAGCGTATGTNNNCTAGCGTTAC	4892
TGCAGGACCAGAGAATTCGAATA CAGCTATAATNNNCTAGCGTTAC	4413	TGCAGGACCAGAGAATTCGAATA CACCGCTGCTNNNCTAGCGTTAC	4653	TGCAGGACCAGAGAATTCGAATA CAATTGGTATNNNCTAGCGTTAC	4893
TGCAGGACCAGAGAATTCGAATA CAGGACCGCTNNNCTAGCGTTAC	4414	TGCAGGACCAGAGAATTCGAATA CAGGTAGCCCNNNCTAGCGTTAC	4654	TGCAGGACCAGAGAATTCGAATA CATTTCTGCGNNNCTAGCGTTAC	4894
TGCAGGACCAGAGAATTCGAATA CAGTCCCTATNNNCTAGCGTTAC	4415	TGCAGGACCAGAGAATTCGAATA CATGACGTTGNNNCTAGCGTTAC	4655	TGCAGGACCAGAGAATTCGAATA CAGAATCCCANNNCTAGCGTTAC	4895
TGCAGGACCAGAGAATTCGAATA CATTGCTGAGNNNCTAGCGTTAC	4416	TGCAGGACCAGAGAATTCGAATA CACCCACTATNNNCTAGCGTTAC	4656	TGCAGGACCAGAGAATTCGAATA CACTTTCACGNNNCTAGCGTTAC	4896
TGCAGGACCAGAGAATTCGAATA CATTGGCCTTNNNCTAGCGTTAC	4417	TGCAGGACCAGAGAATTCGAATA CAAAGTGTAANNNCTAGCGTTAC	4657	TGCAGGACCAGAGAATTCGAATA CACGGATCATNNNCTAGCGTTAC	4897
TGCAGGACCAGAGAATTCGAATA CAATCATTTCNNNCTAGCGTTAC	4418	TGCAGGACCAGAGAATTCGAATA CAGGAGTATGNNNCTAGCGTTAC	4658	TGCAGGACCAGAGAATTCGAATA CAACAGTGCTNNNCTAGCGTTAC	4898
TGCAGGACCAGAGAATTCGAATA CAGATGTATTNNNCTAGCGTTAC	4419	TGCAGGACCAGAGAATTCGAATA CAAGTGATAANNNCTAGCGTTAC	4659	TGCAGGACCAGAGAATTCGAATA CACTTAGTCCNNNCTAGCGTTAC	4899
TGCAGGACCAGAGAATTCGAATA CAGATCATATNNNCTAGCGTTAC	4420	TGCAGGACCAGAGAATTCGAATA CATAATTCGANNNCTAGCGTTAC	4660	TGCAGGACCAGAGAATTCGAATA CAAGTGCCCGNNNCTAGCGTTAC	4900
TCCACCACCACACAATTCCAATA CACCCCGCTANNNCTAGCGTTAC	4421	TCCACCACCACACAATTCCAATA CAAGCTTTGGNNNCTAGCGTTAC	4661	TCCACCACCACACAATTCCAATA CATGAAATCTNNNCTAGCGTTAC	4901
TGCAGGACCAGAGAATTCGAATA CAAAAATCGANNNCTAGCGTTAC	4422	TGCAGGACCAGAGAATTCGAATA CAACATGTCGNNNCTAGCGTTAC	4662	TGCAGGACCAGAGAATTCGAATA CATCAGTTAANNNCTAGCGTTAC	4902
TGCAGGACCAGAGAATTCGAATA CAATGTACATNNNCTAGCGTTAC	4423	TGCAGGACCAGAGAATTCGAATA CATCAGCGGCGNNNCTAGCGTTAC	4663	TGCAGGACCAGAGAATTCGAATA CAAACCCTGANNNCTAGCGTTAC	4903
TGCAGGACCAGAGAATTCGAATA CAGCCATCTTNNNCTAGCGTTAC	4424	TGCAGGACCAGAGAATTCGAATA CAGCCCGGTANNNCTAGCGTTAC	4664	TGCAGGACCAGAGAATTCGAATA CATCATGATANNNCTAGCGTTAC	4904
TGCAGGACCAGAGAATTCGAATA CAAATGCTCGNNNCTAGCGTTAC	4425	TGCAGGACCAGAGAATTCGAATA CACCATTCACNNNCTAGCGTTAC	4665	TGCAGGACCAGAGAATTCGAATA CAAAGCCTTGNNNCTAGCGTTAC	4905
TGCAGGACCAGAGAATTCGAATA CACACGTCGGNNNCTAGCGTTAC	4426	TGCAGGACCAGAGAATTCGAATA CATTCCCCTTNNNCTAGCGTTAC	4666	TGCAGGACCAGAGAATTCGAATA CAAGCATACCNNNCTAGCGTTAC	4906
TGCAGGACCAGAGAATTCGAATA CACTATGCGANNNCTAGCGTTAC	4427	TGCAGGACCAGAGAATTCGAATA CAACCCTCCGNNNCTAGCGTTAC	4667	TGCAGGACCAGAGAATTCGAATA CAGGCATTTGNNNCTAGCGTTAC	4907

FIG. 18D

Pool-19	SEQ ID NO:	Pool-20	SEQ ID NO:	Pool-21	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAGTCTGGTANNNCTAGCGTTAC	4428	TGCAGGACCAGAGAATTCGAATA CACACCTTACNNNCTAGCGTTAC	4668	TGCAGGACCAGAGAATTCGAATA CAGCGAGTCCNNNCTAGCGTTAC	4908
TGCAGGACCAGAGAATTCGAATA CAGTCAGTGTNNNCTAGCGTTAC	4429	TGCAGGACCAGAGAATTCGAATA CAGGAGTTGANNNCTAGCGTTAC	4669	TGCAGGACCAGAGAATTCGAATA CATTTTGAGANNNCTAGCGTTAC	4909
TGCAGGACCAGAGAATTCGAATA CACTCCAGTTNNNCTAGCGTTAC	4430	TGCAGGACCAGAGAATTCGAATA CAGACAAGACNNNCTAGCGTTAC	4670	TGCAGGACCAGAGAATTCGAATA CAATCCTTATNNNCTAGCGTTAC	4910
TGCAGGACCAGAGAATTCGAATA CAGATGAAGCNNNCTAGCGTTAC	4431	TGCAGGACCAGAGAATTCGAATA CAGTCTACGANNNCTAGCGTTAC	4671	TGCAGGACCAGAGAATTCGAATA CATCGAAAAANNNCTAGCGTTAC	4911
TGCAGGACCAGAGAATTCGAATA CAAAACCATTNNNCTAGCGTTAC	4432	TGCAGGACCAGAGAATTCGAATA CATCGCTCATNNNCTAGCGTTAC	4672	TGCAGGACCAGAGAATTCGAATA CAGCTCCGTCNNNCTAGCGTTAC	4912
TGCAGGACCAGAGAATTCGAATA CACCTGCGCTNNNCTAGCGTTAC	4433	TGCAGGACCAGAGAATTCGAATA CACCAAGCCGNNNCTAGCGTTAC	4673	TGCAGGACCAGAGAATTCGAATA CACCAGTTTCNNNCTAGCGTTAC	4913
TGCAGGACCAGAGAATTCGAATA CACACCCGAGNNNCTAGCGTTAC	4434	TGCAGGACCAGAGAATTCGAATA CACCCTCGGTNNNCTAGCGTTAC	4674	TGCAGGACCAGAGAATTCGAATA CACTTGGCTTNNNCTAGCGTTAC	4914
TGCAGGACCAGAGAATTCGAATA CATACTACAANNNCTAGCGTTAC	4435	TGCAGGACCAGAGAATTCGAATA CAAACTAGTTNNNCTAGCGTTAC	4675	TGCAGGACCAGAGAATTCGAATA CACCGCCATCNNNCTAGCGTTAC	4915
TGCAGGACCAGAGAATTCGAATA CATAACCGACNNNCTAGCGTTAC	4436	TGCAGGACCAGAGAATTCGAATA CAGAGTGAGTNNNCTAGCGTTAC	4676	TGCAGGACCAGAGAATTCGAATA CAGATCGATCNNNCTAGCGTTAC	4916
TGCAGGACCAGAGAATTCGAATA CATCTATAGANNNCTAGCGTTAC	4437	TGCAGGACCAGAGAATTCGAATA CACAATACTANNNCTAGCGTTAC	4677	TGCAGGACCAGAGAATTCGAATA CAACGCGGCTNNNCTAGCGTTAC	4917
TGCAGGACCAGAGAATTCGAATA CAGGTGAGGCNNNCTAGCGTTAC	4438	TGCAGGACCAGAGAATTCGAATA CACCTTTGGTNNNCTAGCGTTAC	4678	TGCAGGACCAGAGAATTCGAATA CATCTCGAGANNNCTAGCGTTAC	4918
TGCAGGACCAGAGAATTCGAATA CACATACTCCNNNCTAGCGTTAC	4439	TGCAGGACCAGAGAATTCGAATA CATTCACACCNNNCTAGCGTTAC	4679	TGCAGGACCAGAGAATTCGAATA CAATTGGCACNNNCTAGCGTTAC	4919
TGCAGGACCAGAGAATTCGAATA CATAAGAGTANNNCTAGCGTTAC	4440	TGCAGGACCAGAGAATTCGAATA CAGTTATCCCNNNCTAGCGTTAC	4680	TGCAGGACCAGAGAATTCGAATA CACGCCGAGTNNNCTAGCGTTAC	4920
TGCAGGACCAGAGAATTCGAATA CAGTGTGAGANNNCTAGCGTTAC	4441	TGCAGGACCAGAGAATTCGAATA CAAAACTTGTNNNCTAGCGTTAC	4681	TGCAGGACCAGAGAATTCGAATA CACTTCAGCTNNNCTAGCGTTAC	4921
TGCAGGACCAGAGAATTCGAATA CATTCCCGATNNNCTAGCGTTAC	4442	TGCAGGACCAGAGAATTCGAATA CACAACCCAANNNCTAGCGTTAC	4682	TGCAGGACCAGAGAATTCGAATA CAAAATAAGCNNNCTAGCGTTAC	4922
TGCAGGACCAGAGAATTCGAATA CAAGTACGAGNNNCTAGCGTTAC	4443	TGCAGGACCAGAGAATTCGAATA CAGTTCACGANNNCTAGCGTTAC	4683	TGCAGGACCAGAGAATTCGAATA CAGCCTAAGTNNNCTAGCGTTAC	4923
TGCAGGACCAGAGAATTCGAATA CAGGTGAACANNNCTAGCGTTAC	4444	TGCAGGACCAGAGAATTCGAATA CACGTCTACTNNNCTAGCGTTAC	4684	TGCAGGACCAGAGAATTCGAATA CAGATGTTCGNNNCTAGCGTTAC	4924
TGCAGGACCAGAGAATTCGAATA CACACTAGCANNNCTAGCGTTAC	4445	TGCAGGACCAGAGAATTCGAATA CATCAACAGCNNNCTAGCGTTAC	4685	TGCAGGACCAGAGAATTCGAATA CAAACGAGGTNNNCTAGCGTTAC	4925
TGCAGGACCAGAGAATTCGAATA CAAGCAGAACNNNCTAGCGTTAC	4446	TGCAGGACCAGAGAATTCGAATA CATTGAGTCGNNNCTAGCGTTAC	4686	TGCAGGACCAGAGAATTCGAATA CAATAGACAANNNCTAGCGTTAC	4926
TGCAGGACCAGAGAATTCGAATA CATTTTAAAANNNCTAGCGTTAC	4447	TGCAGGACCAGAGAATTCGAATA CAGCATCTGANNNCTAGCGTTAC	4687	TGCAGGACCAGAGAATTCGAATA CATATTTGGANNNCTAGCGTTAC	4927
TGCAGGACCAGAGAATTCGAATA CACTTCGAGANNNCTAGCGTTAC	4448	TGCAGGACCAGAGAATTCGAATA CATGGCAGTTNNNCTAGCGTTAC	4688	TGCAGGACCAGAGAATTCGAATA CATCCGTGTTNNNCTAGCGTTAC	4928
TGCAGGACCAGAGAATTCGAATA CATGCAATGCNNNGATCGACATG	4449	TGCAGGACCAGAGAATTCGAATA CAGATCTCTCNNNGATCGACATG	4689	TGCAGGACCAGAGAATTCGAATA CATCCTCGATNNNGATCGACATG	4929
TGCAGGACCAGAGAATTCGAATA CAGACGCCACNNNGATCGACATG	4450	TGCAGGACCAGAGAATTCGAATA CAGAGCGCGANNNGATCGACATG	4690	TGCAGGACCAGAGAATTCGAATA CATTTGCAGCNNNGATCGACATG	4930
TGCAGGACCAGAGAATTCGAATA CAGTTTTTCANNNGATCGACATG	4451	TGCAGGACCAGAGAATTCGAATA CACTCTCTAGNNNGATCGACATG	4691	TGCAGGACCAGAGAATTCGAATA CACTTCCACANNNGATCGACATG	4931
TGCAGGACCAGAGAATTCGAATA CAGTTTTATCNNNGATCGACATG	4452	TGCAGGACCAGAGAATTCGAATA CACGTGGCGTNNNGATCGACATG	4692	TGCAGGACCAGAGAATTCGAATA CAAATTTGCANNNGATCGACATG	4932
TGCAGGACCAGAGAATTCGAATA CAACACCGGCNNNGATCGACATG	4453	TGCAGGACCAGAGAATTCGAATA CAAGCTAGTCNNNGATCGACATG	4693	TGCAGGACCAGAGAATTCGAATA CAAATCTGATNNNGATCGACATG	4933
TCCACCACCACACAATTCCAATA CACGCTTTACNNNGATCGACATG	4454	TCCACCACCACACAATTCCAATA CAGCTATGTGNNNGATCGACATG	4694	TCCACCACCACACAATTCCAATA CATCCACTTGNNNGATCGACATG	4934
TGCAGGACCAGAGAATTCGAATA CAGTAAATGANNNGATCGACATG	4455	TGCAGGACCAGAGAATTCGAATA CATCTGCTTGNNNGATCGACATG	4695	TGCAGGACCAGAGAATTCGAATA CATGGTTAGCNNNGATCGACATG	4935
TGCAGGACCAGAGAATTCGAATA CATTTGAAGTNNNGATCGACATG	4456	TGCAGGACCAGAGAATTCGAATA CAGTACGCTANNNGATCGACATG	4696	TGCAGGACCAGAGAATTCGAATA CACTGTAACGNNNGATCGACATG	4936
TGCAGGACCAGAGAATTCGAATA CACACCACTTNNNGATCGACATG	4457	TGCAGGACCAGAGAATTCGAATA CAGACCCGTGNNNGATCGACATG	4697	TGCAGGACCAGAGAATTCGAATA CATATTAGTGNNNGATCGACATG	4937
TGCAGGACCAGAGAATTCGAATA CATGTAAGAANNNGATCGACATG	4458	TGCAGGACCAGAGAATTCGAATA CAGTCATGACNNNGATCGACATG	4698	TGCAGGACCAGAGAATTCGAATA CATGCACATGNNNGATCGACATG	4938
TGCAGGACCAGAGAATTCGAATA CACGCTGAATNNNGATCGACATG	4459	TGCAGGACCAGAGAATTCGAATA CACGCTAGATNNNGATCGACATG	4699	TGCAGGACCAGAGAATTCGAATA CAACCTTCGTNNNGATCGACATG	4939
TGCAGGACCAGAGAATTCGAATA CACTTATTGTNNNGATCGACATG	4460	TGCAGGACCAGAGAATTCGAATA CAGTAATGAANNNGATCGACATG	4700	TGCAGGACCAGAGAATTCGAATA CAGCGTGCACNNNGATCGACATG	4940

FIG. 18E

Pool-19	SEQ ID NO:	Pool-20	SEQ ID NO:	Pool-21	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACGTGAGAANNNGATCGACATG	4461	TGCAGGACCAGAGAATTCGAATA CATCGTATTTNNNGATCGACATG	4701	TGCAGGACCAGAGAATTCGAATA CACGCCTTTANNNGATCGACATG	4941
TGCAGGACCAGAGAATTCGAATA CAACCGGCTGNNNGATCGACATG	4462	TGCAGGACCAGAGAATTCGAATA CACACGTACANNNGATCGACATG	4702	TGCAGGACCAGAGAATTCGAATA CATTGTAAACNNNGATCGACATG	4942
TGCAGGACCAGAGAATTCGAATA CACAAAATTCNNNGATCGACATG	4463	TGCAGGACCAGAGAATTCGAATA CATGACTAATNNNGATCGACATG	4703	TGCAGGACCAGAGAATTCGAATA CAAACGCAAGNNNGATCGACATG	4943
TGCAGGACCAGAGAATTCGAATA CAACTAAAGANNNGATCGACATG	4464	TGCAGGACCAGAGAATTCGAATA CACTACCGCCNNNGATCGACATG	4704	TGCAGGACCAGAGAATTCGAATA CAGTAATCATNNNGATCGACATG	4944
TGCAGGACCAGAGAATTCGAATA CATAGTCTCCNNNGATCGACATG	4465	TGCAGGACCAGAGAATTCGAATA CAGGCACTTANNNGATCGACATG	4705	TGCAGGACCAGAGAATTCGAATA CAGTCTGCTTNNNGATCGACATG	4945
TGCAGGACCAGAGAATTCGAATA CACTAACATANNNGATCGACATG	4466	TGCAGGACCAGAGAATTCGAATA CATCCTTAGCNNNGATCGACATG	4706	TGCAGGACCAGAGAATTCGAATA CAGATGGTTCNNNGATCGACATG	4946
TGCAGGACCAGAGAATTCGAATA CATGCACGCGNNNGATCGACATG	4467	TGCAGGACCAGAGAATTCGAATA CAGCTATAGCNNNGATCGACATG	4707	TGCAGGACCAGAGAATTCGAATA CACTTGGCAANNNGATCGACATG	4947
TGCAGGACCAGAGAATTCGAATA CAACTGGAAGNNNGATCGACATG	4468	TGCAGGACCAGAGAATTCGAATA CAAATGAACANNNGATCGACATG	4708	TGCAGGACCAGAGAATTCGAATA CATACCGAACNNNGATCGACATG	4948
TGCAGGACCAGAGAATTCGAATA CAGCAATCCANNNGATCGACATG	4469	TGCAGGACCAGAGAATTCGAATA CAGTAGTAAANNNGATCGACATG	4709	TGCAGGACCAGAGAATTCGAATA CAGTGAGTGANNNGATCGACATG	4949
TGCAGGACCAGAGAATTCGAATA CAAATCCTAANNNGATCGACATG	4470	TGCAGGACCAGAGAATTCGAATA CATAGTTCGGNNNGATCGACATG	4710	TGCAGGACCAGAGAATTCGAATA CACAGGTGAANNNGATCGACATG	4950
TGCAGGACCAGAGAATTCGAATA CAAAGCGGTANNNGATCGACATG	4471	TGCAGGACCAGAGAATTCGAATA CAGTTGTGACNNNGATCGACATG	4711	TGCAGGACCAGAGAATTCGAATA CAAGGTCAGANNNGATCGACATG	4951
TGCAGGACCAGAGAATTCGAATA CAGTCAGAGANNNGATCGACATG	4472	TGCAGGACCAGAGAATTCGAATA CACGCGTAGCNNNGATCGACATG	4712	TGCAGGACCAGAGAATTCGAATA CAGAGCGTTTNNNGATCGACATG	4952
TGCAGGACCAGAGAATTCGAATA CATCGGATGTNNNGATCGACATG	4473	TGCAGGACCAGAGAATTCGAATA CACTATGTGGNNNGATCGACATG	4713	TGCAGGACCAGAGAATTCGAATA CAGAAATGGCNNNGATCGACATG	4953
TGCAGGACCAGAGAATTCGAATA CATCACGCTTNNNGATCGACATG	4474	TGCAGGACCAGAGAATTCGAATA CATTGGCGTANNNGATCGACATG	4714	TGCAGGACCAGAGAATTCGAATA CAGAGTGTCTNNNGATCGACATG	4954
TGCAGGACCAGAGAATTCGAATA CATTAGGTGCNNNGATCGACATG	4475	TGCAGGACCAGAGAATTCGAATA CAATTATCCTNNNGATCGACATG	4715	TGCAGGACCAGAGAATTCGAATA CAAAACATCTNNNGATCGACATG	4955
TGCAGGACCAGAGAATTCGAATA CATCCGACGGNNNGATCGACATG	4476	TGCAGGACCAGAGAATTCGAATA CACTTTGAAANNNGATCGACATG	4716	TGCAGGACCAGAGAATTCGAATA CATAAAGCTTNNNGATCGACATG	4956
TGCAGGACCAGAGAATTCGAATA CAAAAGCAGCNNNGATCGACATG	4477	TGCAGGACCAGAGAATTCGAATA CACTAGTACGNNNGATCGACATG	4717	TGCAGGACCAGAGAATTCGAATA CATTAGTGCGNNNGATCGACATG	4957
TGCAGGACCAGAGAATTCGAATA CAGTGCCGGTNNNGATCGACATG	4478	TGCAGGACCAGAGAATTCGAATA CATCCCACATNNNGATCGACATG	4718	TGCAGGACCAGAGAATTCGAATA CAGTTCGCCCNNNGATCGACATG	4958
TGCAGGACCAGAGAATTCGAATA CAACGATATTNNNGATCGACATG	4479	TGCAGGACCAGAGAATTCGAATA CAGTATCGACNNNGATCGACATG	4719	TGCAGGACCAGAGAATTCGAATA CAGTGACCTANNNGATCGACATG	4959
TGCAGGACCAGAGAATTCGAATA CAACAACAGGNNNGATCGACATG	4480	TGCAGGACCAGAGAATTCGAATA CAGGCCTCAGNNNGATCGACATG	4720	TGCAGGACCAGAGAATTCGAATA CAGGACAATGNNNGATCGACATG	4960
TGCAGGACCAGAGAATTCGAATA CACTCCGAAANNNGATCGACATG	4481	TGCAGGACCAGAGAATTCGAATA CACGGCTTAANNNGATCGACATG	4721	TGCAGGACCAGAGAATTCGAATA CATATAGGAANNNGATCGACATG	4961
TGCAGGACCAGAGAATTCGAATA CATCAAGCCANNNGATCGACATG	4482	TGCAGGACCAGAGAATTCGAATA CACATAGCACNNNGATCGACATG	4722	TGCAGGACCAGAGAATTCGAATA CACTAGCGGCNNNGATCGACATG	4962
TGCAGGACCAGAGAATTCGAATA CACATTAACANNNGATCGACATG	4483	TGCAGGACCAGAGAATTCGAATA CACCACTTTGNNNGATCGACATG	4723	TGCAGGACCAGAGAATTCGAATA CAGCGTTTAGNNNGATCGACATG	4963
TGCAGGACCAGAGAATTCGAATA CAAACACGAGNNNGATCGACATG	4484	TGCAGGACCAGAGAATTCGAATA CATGTGATGCNNNGATCGACATG	4724	TGCAGGACCAGAGAATTCGAATA CAGTATGTCGNNNGATCGACATG	4964
TGCAGGACCAGAGAATTCGAATA CATCCATCACNNNGATCGACATG	4485	TGCAGGACCAGAGAATTCGAATA CAATCGCTAGNNNGATCGACATG	4725	TGCAGGACCAGAGAATTCGAATA CACATGTGACNNNGATCGACATG	4965
TGCAGGACCAGAGAATTCGAATA CAGTCGCACGNNNGATCGACATG	4486	TGCAGGACCAGAGAATTCGAATA CAGAATTAGANNNGATCGACATG	4726	TGCAGGACCAGAGAATTCGAATA CAATCAAAAGNNNGATCGACATG	4966
TCCACCACCACACAATTCCAATA CATGGCACGCNNNGATCGACATG	4487	TCCACCACCACACAATTCCAATA CAGCGGTCGTNNNGATCGACATG	4727	TCCACCACCACACAATTCCAATA CAATAAACTCNNNGATCGACATG	4967
TGCAGGACCAGAGAATTCGAATA CATTTCAGAANNNGATCGACATG	4488	TGCAGGACCAGAGAATTCGAATA CAAATTGCATNNNGATCGACATG	4728	TGCAGGACCAGAGAATTCGAATA CACCGGATCGNNNGATCGACATG	4968
TGCAGGACCAGAGAATTCGAATA CATACGTCTCNNNGATCGACATG	4489	TGCAGGACCAGAGAATTCGAATA CATGGAACCTNNNGATCGACATG	4729	TGCAGGACCAGAGAATTCGAATA CACCGGCTAGNNNGATCGACATG	4969
TGCAGGACCAGAGAATTCGAATA CACCGATCTTNNNGATCGACATG	4490	TGCAGGACCAGAGAATTCGAATA CAAGCGCATTNNNGATCGACATG	4730	TGCAGGACCAGAGAATTCGAATA CACTGTGGTANNNGATCGACATG	4970
TGCAGGACCAGAGAATTCGAATA CAATTAAGCTNNNGATCGACATG	4491	TGCAGGACCAGAGAATTCGAATA CATTCCCTCTNNNGATCGACATG	4731	TGCAGGACCAGAGAATTCGAATA CAGAACGTGANNNGATCGACATG	4971
TGCAGGACCAGAGAATTCGAATA CAAACTTCCCNNNGATCGACATG	4492	TGCAGGACCAGAGAATTCGAATA CAATTGTCGGNNNGATCGACATG	4732	TGCAGGACCAGAGAATTCGAATA CACGGCTGACNNNGATCGACATG	4972
TGCAGGACCAGAGAATTCGAATA CAGTCGCTTTNNNGATCGACATG	4493	TGCAGGACCAGAGAATTCGAATA CATAATGCGCNNNGATCGACATG	4733	TGCAGGACCAGAGAATTCGAATA CAGGCATCATNNNGATCGACATG	4973

FIG. 18F

Pool-19	SEQ ID NO:	Pool-20	SEQ ID NO:	Pool-21	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAGCCAGTATNNNGATCGACATG	4494	TGCAGGACCAGAGAATTCGAATA CAACGCATTGNNNGATCGACATG	4734	TGCAGGACCAGAGAATTCGAATA CACCGCAGGTNNNGATCGACATG	4974
TGCAGGACCAGAGAATTCGAATA CAGAGAAAAANNNGATCGACATG	4495	TGCAGGACCAGAGAATTCGAATA CATGTCGGTANNNGATCGACATG	4735	TGCAGGACCAGAGAATTCGAATA CATCCTACTGNNNGATCGACATG	4975
TGCAGGACCAGAGAATTCGAATA CAATAGCCCANNNGATCGACATG	4496	TGCAGGACCAGAGAATTCGAATA CATTTTCAACNNNGATCGACATG	4736	TGCAGGACCAGAGAATTCGAATA CATCCCGACCNNNGATCGACATG	4976
TGCAGGACCAGAGAATTCGAATA CACACGTCCCNNNGATCGACATG	4497	TGCAGGACCAGAGAATTCGAATA CATAAGTACTNNNGATCGACATG	4737	TGCAGGACCAGAGAATTCGAATA CATGTAGGTCNNNGATCGACATG	4977
TGCAGGACCAGAGAATTCGAATA CAAAGTTATCNNNGATCGACATG	4498	TGCAGGACCAGAGAATTCGAATA CAAATTAGTCNNNGATCGACATG	4738	TGCAGGACCAGAGAATTCGAATA CACGGCGCTANNNGATCGACATG	4978
TGCAGGACCAGAGAATTCGAATA CACTTTTCGGNNNGATCGACATG	4499	TGCAGGACCAGAGAATTCGAATA CAGGAAATATNNNGATCGACATG	4739	TGCAGGACCAGAGAATTCGAATA CACCTATTTANNNGATCGACATG	4979
TGCAGGACCAGAGAATTCGAATA CACAATCGTGNNNGATCGACATG	4500	TGCAGGACCAGAGAATTCGAATA CATTTTTTAANNNGATCGACATG	4740	TGCAGGACCAGAGAATTCGAATA CAGAACAAGCNNNGATCGACATG	4980
TGCAGGACCAGAGAATTCGAATA CAGGACGTAANNNGATCGACATG	4501	TGCAGGACCAGAGAATTCGAATA CACACGTAACNNNGATCGACATG	4741	TGCAGGACCAGAGAATTCGAATA CATCCCATTGNNNGATCGACATG	4981
TGCAGGACCAGAGAATTCGAATA CACCCGAACGNNNGATCGACATG	4502	TGCAGGACCAGAGAATTCGAATA CAGTTTCCGTNNNGATCGACATG	4742	TGCAGGACCAGAGAATTCGAATA CATACTGTGGNNNGATCGACATG	4982
TGCAGGACCAGAGAATTCGAATA CATCCGTATCNNNGATCGACATG	4503	TGCAGGACCAGAGAATTCGAATA CAAGTATCTANNNGATCGACATG	4743	TGCAGGACCAGAGAATTCGAATA CAGCGCTTAANNNGATCGACATG	4983
TGCAGGACCAGAGAATTCGAATA CATTTCGTTANNNGATCGACATG	4504	TGCAGGACCAGAGAATTCGAATA CATCTAGTGGNNNGATCGACATG	4744	TGCAGGACCAGAGAATTCGAATA CAGCCTCCCANNNGATCGACATG	4984
TGCAGGACCAGAGAATTCGAATA CATGCTACAGNNNGATCGACATG	4505	TGCAGGACCAGAGAATTCGAATA CAGAGTACAGNNNGATCGACATG	4745	TGCAGGACCAGAGAATTCGAATA CACACGATACNNNGATCGACATG	4985
TGCAGGACCAGAGAATTCGAATA CAGTTACTTTNNNGATCGACATG	4506	TGCAGGACCAGAGAATTCGAATA CAACTCCAGANNNGATCGACATG	4746	TGCAGGACCAGAGAATTCGAATA CAGTGTCAACNNNGATCGACATG	4986
TGCAGGACCAGAGAATTCGAATA CAAATGCCTGNNNGATCGACATG	4507	TGCAGGACCAGAGAATTCGAATA CAAAACACAANNNGATCGACATG	4747	TGCAGGACCAGAGAATTCGAATA CATACGCCGGNNNGATCGACATG	4987
TGCAGGACCAGAGAATTCGAATA CACCAGGCACNNNGATCGACATG	4508	TGCAGGACCAGAGAATTCGAATA CAGCCGCAACNNNGATCGACATG	4748	TGCAGGACCAGAGAATTCGAATA CAAATCCGACNNNGATCGACATG	4988
TGCAGGACCAGAGAATTCGAATA CATGGCGACCNNNTGCATCAGGT	4509	TGCAGGACCAGAGAATTCGAATA CAGATCTTAANNNTGCATCAGGT	4749	TGCAGGACCAGAGAATTCGAATA CAGCCGCCGGNNNTGCATCAGGT	4989
TGCAGGACCAGAGAATTCGAATA CAAAGAGGCTNNNTGCATCAGGT	4510	TGCAGGACCAGAGAATTCGAATA CACTAGAGTCNNNTGCATCAGGT	4750	TGCAGGACCAGAGAATTCGAATA CACCTGCCGTNNNTGCATCAGGT	4990
TGCAGGACCAGAGAATTCGAATA CATTACCCACNNNTGCATCAGGT	4511	TGCAGGACCAGAGAATTCGAATA CAGCATTCTCNNNTGCATCAGGT	4751	TGCAGGACCAGAGAATTCGAATA CACGTTACCTNNNTGCATCAGGT	4991
TGCAGGACCAGAGAATTCGAATA CATGCGGATTNNNTGCATCAGGT	4512	TGCAGGACCAGAGAATTCGAATA CAGCAGCCACNNNTGCATCAGGT	4752	TGCAGGACCAGAGAATTCGAATA CACGATTAGCNNNTGCATCAGGT	4992
TGCAGGACCAGAGAATTCGAATA CACAGGTTGTNNNTGCATCAGGT	4513	TGCAGGACCAGAGAATTCGAATA CAAGCTGCGCNNNTGCATCAGGT	4753	TGCAGGACCAGAGAATTCGAATA CAAACCTAATNNNTGCATCAGGT	4993
TGCAGGACCAGAGAATTCGAATA CAAACATAGANNNTGCATCAGGT	4514	TGCAGGACCAGAGAATTCGAATA CACCCGCTACNNNTGCATCAGGT	4754	TGCAGGACCAGAGAATTCGAATA CAATCGGCTANNNTGCATCAGGT	4994
TGCAGGACCAGAGAATTCGAATA CAGAAATGATNNNTGCATCAGGT	4515	TGCAGGACCAGAGAATTCGAATA CACAAGGCAANNNTGCATCAGGT	4755	TGCAGGACCAGAGAATTCGAATA CAGGAACCCCNNNTGCATCAGGT	4995
TGCAGGACCAGAGAATTCGAATA CATGTGCTGANNNTGCATCAGGT	4516	TGCAGGACCAGAGAATTCGAATA CAGATGTTATNNNTGCATCAGGT	4756	TGCAGGACCAGAGAATTCGAATA CATCACACAGNNNTGCATCAGGT	4996
TGCAGGACCAGAGAATTCGAATA CAAGGCAGATNNNTGCATCAGGT	4517	TGCAGGACCAGAGAATTCGAATA CACGGTATTGNNNTGCATCAGGT	4757	TGCAGGACCAGAGAATTCGAATA CACTATTGAANNNTGCATCAGGT	4997
TGCAGGACCAGAGAATTCGAATA CATAGGTTATNNNTGCATCAGGT	4518	TGCAGGACCAGAGAATTCGAATA CAGTATTTAGNNNTGCATCAGGT	4758	TGCAGGACCAGAGAATTCGAATA CACGCGATATNNNTGCATCAGGT	4998
TGCAGGACCAGAGAATTCGAATA CATTTTTGTGNNNTGCATCAGGT	4519	TGCAGGACCAGAGAATTCGAATA CAGGATCAGANNNTGCATCAGGT	4759	TGCAGGACCAGAGAATTCGAATA CACTTATGTTNNNTGCATCAGGT	4999
TCCACCACCACACAATTCCAATA CAAAACAAGTNNNTGCATCAGGT	4520	TCCACCACCACACAATTCCAATA CAATCGAAAANNNTGCATCAGGT	4760	TCCACCACCACACAATTCCAATA CAATTTGGTANNNTGCATCAGGT	5000
TGCAGGACCAGAGAATTCGAATA CACGTGGTTANNNTGCATCAGGT	4521	TGCAGGACCAGAGAATTCGAATA CAGCCATTTCNNNTGCATCAGGT	4761	TGCAGGACCAGAGAATTCGAATA CAAGGCAACANNNTGCATCAGGT	5001
TGCAGGACCAGAGAATTCGAATA CACTTTCGACNNNTGCATCAGGT	4522	TGCAGGACCAGAGAATTCGAATA CATCAGACCANNNTGCATCAGGT	4762	TGCAGGACCAGAGAATTCGAATA CAGACCTTTCNNNTGCATCAGGT	5002
TGCAGGACCAGAGAATTCGAATA CATAGACGTCNNNTGCATCAGGT	4523	TGCAGGACCAGAGAATTCGAATA CATTTGTTCANNNTGCATCAGGT	4763	TGCAGGACCAGAGAATTCGAATA CAGGAACCAANNNTGCATCAGGT	5003
TGCAGGACCAGAGAATTCGAATA CATCTAGTCCNNNTGCATCAGGT	4524	TGCAGGACCAGAGAATTCGAATA CAACCCTATCNNNTGCATCAGGT	4764	TGCAGGACCAGAGAATTCGAATA CACGTGTAACNNNTGCATCAGGT	5004
TGCAGGACCAGAGAATTCGAATA CAAACAAGATNNNTGCATCAGGT	4525	TGCAGGACCAGAGAATTCGAATA CAAAAAGCCGNNNTGCATCAGGT	4765	TGCAGGACCAGAGAATTCGAATA CACAGATCCANNNTGCATCAGGT	5005
TGCAGGACCAGAGAATTCGAATA CATAATGAAGNNNTGCATCAGGT	4526	TGCAGGACCAGAGAATTCGAATA CAGAGTGCGGNNNTGCATCAGGT	4766	TGCAGGACCAGAGAATTCGAATA CACCAGCACGNNNTGCATCAGGT	5006

FIG. 18G

Pool-19	SEQ ID NO:	Pool-20	SEQ ID NO:	Pool-21	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATATTCGCCNNNTGCATCAGGT	4527	TGCAGGACCAGAGAATTCGAATA CAATCATACANNNTGCATCAGGT	4767	TGCAGGACCAGAGAATTCGAATA CACGAGTCCGNNNTGCATCAGGT	5007
TGCAGGACCAGAGAATTCGAATA CATTGCACGANNNTGCATCAGGT	4528	TGCAGGACCAGAGAATTCGAATA CACAGATGAGNNNTGCATCAGGT	4768	TGCAGGACCAGAGAATTCGAATA CAGTCGAATCNNNTGCATCAGGT	5008
TGCAGGACCAGAGAATTCGAATA CAACTACTAANNNTGCATCAGGT	4529	TGCAGGACCAGAGAATTCGAATA CACAGCTTAGNNNTGCATCAGGT	4769	TGCAGGACCAGAGAATTCGAATA CATCCATAAANNNTGCATCAGGT	5009
TGCAGGACCAGAGAATTCGAATA CAACTCATAANNNTGCATCAGGT	4530	TGCAGGACCAGAGAATTCGAATA CAACTTCTTANNNTGCATCAGGT	4770	TGCAGGACCAGAGAATTCGAATA CAGTCCCACCNNNTGCATCAGGT	5010
TGCAGGACCAGAGAATTCGAATA CAAGGACTGANNNTGCATCAGGT	4531	TGCAGGACCAGAGAATTCGAATA CACAACAGAGNNNTGCATCAGGT	4771	TGCAGGACCAGAGAATTCGAATA CATGGTTGACNNNTGCATCAGGT	5011
TGCAGGACCAGAGAATTCGAATA CACACATCCTNNNTGCATCAGGT	4532	TGCAGGACCAGAGAATTCGAATA CACGTAGATCNNNTGCATCAGGT	4772	TGCAGGACCAGAGAATTCGAATA CAAGACAACGNNNTGCATCAGGT	5012
TGCAGGACCAGAGAATTCGAATA CAATAGCGAGNNNTGCATCAGGT	4533	TGCAGGACCAGAGAATTCGAATA CACCTCCCGANNNTGCATCAGGT	4773	TGCAGGACCAGAGAATTCGAATA CAATATTCAGNNNTGCATCAGGT	5013
TGCAGGACCAGAGAATTCGAATA CAAGGAAGTCNNNTGCATCAGGT	4534	TGCAGGACCAGAGAATTCGAATA CAGACTTTGGNNNTGCATCAGGT	4774	TGCAGGACCAGAGAATTCGAATA CAGAGGAACTNNNTGCATCAGGT	5014
TGCAGGACCAGAGAATTCGAATA CAGAAGCCTTNNNTGCATCAGGT	4535	TGCAGGACCAGAGAATTCGAATA CAGAACATCCNNNTGCATCAGGT	4775	TGCAGGACCAGAGAATTCGAATA CAGAAGAACCNNNTGCATCAGGT	5015
TGCAGGACCAGAGAATTCGAATA CACCCCCTTCNNNTGCATCAGGT	4536	TGCAGGACCAGAGAATTCGAATA CACAGCATCANNNTGCATCAGGT	4776	TGCAGGACCAGAGAATTCGAATA CAGCAACAAGNNNTGCATCAGGT	5016
TGCAGGACCAGAGAATTCGAATA CAAGAAACCGNNNTGCATCAGGT	4537	TGCAGGACCAGAGAATTCGAATA CACTTCTGACNNNTGCATCAGGT	4777	TGCAGGACCAGAGAATTCGAATA CACTAAACCGNNNTGCATCAGGT	5017
TGCAGGACCAGAGAATTCGAATA CAGACATCTGNNNTGCATCAGGT	4538	TGCAGGACCAGAGAATTCGAATA CATCCCGTTANNNTGCATCAGGT	4778	TGCAGGACCAGAGAATTCGAATA CAGGAGGTCGNNNTGCATCAGGT	5018
TGCAGGACCAGAGAATTCGAATA CAACGCCCTCNNNTGCATCAGGT	4539	TGCAGGACCAGAGAATTCGAATA CATTTCCATANNNTGCATCAGGT	4779	TGCAGGACCAGAGAATTCGAATA CACGCGCGTANNNTGCATCAGGT	5019
TGCAGGACCAGAGAATTCGAATA CAGTCACCGGNNNTGCATCAGGT	4540	TGCAGGACCAGAGAATTCGAATA CACGTGCGACNNNTGCATCAGGT	4780	TGCAGGACCAGAGAATTCGAATA CACCGAGTGCNNNTGCATCAGGT	5020
TGCAGGACCAGAGAATTCGAATA CAAGAGCGATNNNTGCATCAGGT	4541	TGCAGGACCAGAGAATTCGAATA CAACGCTGGCNNNTGCATCAGGT	4781	TGCAGGACCAGAGAATTCGAATA CAGTTCAAGCNNNTGCATCAGGT	5021
TGCAGGACCAGAGAATTCGAATA CAATGGCTTGNNNTGCATCAGGT	4542	TGCAGGACCAGAGAATTCGAATA CAGAGATTCCNNNTGCATCAGGT	4782	TGCAGGACCAGAGAATTCGAATA CACAGCCCGANNNTGCATCAGGT	5022
TGCAGGACCAGAGAATTCGAATA CACCTGCAAANNNTGCATCAGGT	4543	TGCAGGACCAGAGAATTCGAATA CAGAGGACTANNNTGCATCAGGT	4783	TGCAGGACCAGAGAATTCGAATA CACCTTGACTNNNTGCATCAGGT	5023
TGCAGGACCAGAGAATTCGAATA CAGTCGAACTNNNTGCATCAGGT	4544	TGCAGGACCAGAGAATTCGAATA CATTGATTAGNNNTGCATCAGGT	4784	TGCAGGACCAGAGAATTCGAATA CAGACGCAAANNNTGCATCAGGT	5024
TGCAGGACCAGAGAATTCGAATA CATGTGGAGANNNTGCATCAGGT	4545	TGCAGGACCAGAGAATTCGAATA CACATGCATGNNNTGCATCAGGT	4785	TGCAGGACCAGAGAATTCGAATA CATGATCCTCNNNTGCATCAGGT	5025
TGCAGGACCAGAGAATTCGAATA CAAACGTGCTNNNTGCATCAGGT	4546	TGCAGGACCAGAGAATTCGAATA CATTGACCCTNNNTGCATCAGGT	4786	TGCAGGACCAGAGAATTCGAATA CAAGAAATTGNNNTGCATCAGGT	5026
TGCAGGACCAGAGAATTCGAATA CAAAGATTGANNNTGCATCAGGT	4547	TGCAGGACCAGAGAATTCGAATA CAGGCCACTGNNNTGCATCAGGT	4787	TGCAGGACCAGAGAATTCGAATA CAGTGTGGCCNNNTGCATCAGGT	5027
TGCAGGACCAGAGAATTCGAATA CAACGTTATANNNTGCATCAGGT	4548	TGCAGGACCAGAGAATTCGAATA CATTCCTCTCNNNTGCATCAGGT	4788	TGCAGGACCAGAGAATTCGAATA CACATGTAGCNNNTGCATCAGGT	5028
TGCAGGACCAGAGAATTCGAATA CACCGCATAANNNTGCATCAGGT	4549	TGCAGGACCAGAGAATTCGAATA CAGCATTCAGNNNTGCATCAGGT	4789	TGCAGGACCAGAGAATTCGAATA CATAGCCCCCNNNTGCATCAGGT	5029
TGCAGGACCAGAGAATTCGAATA CACGATTTCCNNNTGCATCAGGT	4550	TGCAGGACCAGAGAATTCGAATA CAGTAACTTANNNTGCATCAGGT	4790	TGCAGGACCAGAGAATTCGAATA CAGTCTTGCTNNNTGCATCAGGT	5030
TGCAGGACCAGAGAATTCGAATA CAGTAAAACANNNTGCATCAGGT	4551	TGCAGGACCAGAGAATTCGAATA CAACTATGATNNNTGCATCAGGT	4791	TGCAGGACCAGAGAATTCGAATA CATGTAAGCCNNNTGCATCAGGT	5031
TGCAGGACCAGAGAATTCGAATA CAGGTGGTCCNNNTGCATCAGGT	4552	TGCAGGACCAGAGAATTCGAATA CAACTAAGAANNNTGCATCAGGT	4792	TGCAGGACCAGAGAATTCGAATA CAACAGAGACNNNTGCATCAGGT	5032
TCCACCACCACACAATTCCAATA CAATGTCGTGNNNTGCATCAGGT	4553	TCCACCACCACACAATTCCAATA CATAGGTTTANNNTGCATCAGGT	4793	TCCACCACCACACAATTCCAATA CAAGTTCAGCNNNTGCATCAGGT	5033
TGCAGGACCAGAGAATTCGAATA CACGTAATATNNNTGCATCAGGT	4554	TGCAGGACCAGAGAATTCGAATA CACCTCGTCGNNNTGCATCAGGT	4794	TGCAGGACCAGAGAATTCGAATA CACCTGCTTANNNTGCATCAGGT	5034
TGCAGGACCAGAGAATTCGAATA CAACTCGCTTNNNTGCATCAGGT	4555	TGCAGGACCAGAGAATTCGAATA CAGGCTAGCCNNNTGCATCAGGT	4795	TGCAGGACCAGAGAATTCGAATA CAACACCTCTNNNTGCATCAGGT	5035
TGCAGGACCAGAGAATTCGAATA CACCATACGANNNTGCATCAGGT	4556	TGCAGGACCAGAGAATTCGAATA CAGGTTGTACNNNTGCATCAGGT	4796	TGCAGGACCAGAGAATTCGAATA CATATTGAACNNNTGCATCAGGT	5036
TGCAGGACCAGAGAATTCGAATA CACGGACAAANNNTGCATCAGGT	4557	TGCAGGACCAGAGAATTCGAATA CATAAAGCGGNNNTGCATCAGGT	4797	TGCAGGACCAGAGAATTCGAATA CAGATTGGTCNNNTGCATCAGGT	5037
TGCAGGACCAGAGAATTCGAATA CACGCTGTTTNNNTGCATCAGGT	4558	TGCAGGACCAGAGAATTCGAATA CAAATCTTTCNNNTGCATCAGGT	4798	TGCAGGACCAGAGAATTCGAATA CAAAAGAAAGNNNTGCATCAGGT	5038
TGCAGGACCAGAGAATTCGAATA CACTCCCATANNNTGCATCAGGT	4559	TGCAGGACCAGAGAATTCGAATA CACCAAGGAANNNTGCATCAGGT	4799	TGCAGGACCAGAGAATTCGAATA CATAAAAATANNNTGCATCAGGT	5039

FIG. 18H

Pool-19	SEQ ID NO:	Pool-20	SEQ ID NO:	Pool-21	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAGGCTTGCGNNNTGCATCAGGT	4560	TGCAGGACCAGAGAATTCGAATA CAACAAAAGTNNNTGCATCAGGT	4800	TGCAGGACCAGAGAATTCGAATA CATGTCCAGANNNTGCATCAGGT	5040
TGCAGGACCAGAGAATTCGAATA CAAAATTTCGNNNTGCATCAGGT	4561	TGCAGGACCAGAGAATTCGAATA CAGGCCCCGGNNNTGCATCAGGT	4801	TGCAGGACCAGAGAATTCGAATA CATTTGAGGCNNNTGCATCAGGT	5041
TGCAGGACCAGAGAATTCGAATA CATACCTAGGNNNTGCATCAGGT	4562	TGCAGGACCAGAGAATTCGAATA CAAACATGCCNNNTGCATCAGGT	4802	TGCAGGACCAGAGAATTCGAATA CACCATCCTANNNTGCATCAGGT	5042
TGCAGGACCAGAGAATTCGAATA CACACGCACGNNNTGCATCAGGT	4563	TGCAGGACCAGAGAATTCGAATA CATCGGAGTTNNNTGCATCAGGT	4803	TGCAGGACCAGAGAATTCGAATA CACTCCAGAANNNTGCATCAGGT	5043
TGCAGGACCAGAGAATTCGAATA CACATTGCAGNNNTGCATCAGGT	4564	TGCAGGACCAGAGAATTCGAATA CATAGCGGAANNNTGCATCAGGT	4804	TGCAGGACCAGAGAATTCGAATA CACAGATGGANNNTGCATCAGGT	5044
TGCAGGACCAGAGAATTCGAATA CAGCATTAATNNNTGCATCAGGT	4565	TGCAGGACCAGAGAATTCGAATA CAGTCTACTCNNNTGCATCAGGT	4805	TGCAGGACCAGAGAATTCGAATA CATAATCCCCNNNTGCATCAGGT	5045
TGCAGGACCAGAGAATTCGAATA CAAGACGCCCNNNTGCATCAGGT	4566	TGCAGGACCAGAGAATTCGAATA CATTTGACCCNNNTGCATCAGGT	4806	TGCAGGACCAGAGAATTCGAATA CAAGGCGCTCNNNTGCATCAGGT	5046
TGCAGGACCAGAGAATTCGAATA CACACACGATNNNTGCATCAGGT	4567	TGCAGGACCAGAGAATTCGAATA CAAAGGAGAGNNNTGCATCAGGT	4807	TGCAGGACCAGAGAATTCGAATA CAATTGTCAANNNTGCATCAGGT	5047
TGCAGGACCAGAGAATTCGAATA CATGATTGTANNNTGCATCAGGT	4568	TGCAGGACCAGAGAATTCGAATA CATTTCGCCANNNTGCATCAGGT	4808	TGCAGGACCAGAGAATTCGAATA CACGCGTTAANNNTGCATCAGGT	5048

FIG. 19A

Pool-22	SEQ ID NO:	Pool-23	SEQ ID NO:	Pool-24	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATTGATGCGNNNACGTATGCCA	5049	TGCAGGACCAGAGAATTCGAATA CATAACTAACNNNACGTATGCCA	5289	TGCAGGACCAGAGAATTCGAATA CAGTTGCGCGNNNACGTATGCCA	5529
TGCAGGACCAGAGAATTCGAATA CACCCTACGCNNNACGTATGCCA	5050	TGCAGGACCAGAGAATTCGAATA CAAAACTCGCNNNACGTATGCCA	5290	TGCAGGACCAGAGAATTCGAATA CAGGAACATGNNNACGTATGCCA	5530
TGCAGGACCAGAGAATTCGAATA CAGCGGCGAANNNACGTATGCCA	5051	TGCAGGACCAGAGAATTCGAATA CATGAGTTGCNNNACGTATGCCA	5291	TGCAGGACCAGAGAATTCGAATA CACGGTAACTNNNACGTATGCCA	5531
TGCAGGACCAGAGAATTCGAATA CATAGCCGCGNNNACGTATGCCA	5052	TGCAGGACCAGAGAATTCGAATA CAACAACAAANNNACGTATGCCA	5292	TGCAGGACCAGAGAATTCGAATA CAATGTGTGCNNNACGTATGCCA	5532
TGCAGGACCAGAGAATTCGAATA CAGAAGCGATNNNACGTATGCCA	5053	TGCAGGACCAGAGAATTCGAATA CAGCCCTACCNNNACGTATGCCA	5293	TGCAGGACCAGAGAATTCGAATA CACGAGTTGTNNNACGTATGCCA	5533
TGCAGGACCAGAGAATTCGAATA CAGACAGTGANNNACGTATGCCA	5054	TGCAGGACCAGAGAATTCGAATA CAGTTGAGAGNNNACGTATGCCA	5294	TGCAGGACCAGAGAATTCGAATA CATGAACTCGNNNACGTATGCCA	5534
TGCAGGACCAGAGAATTCGAATA CACTTTATCANNNACGTATGCCA	5055	TGCAGGACCAGAGAATTCGAATA CACAGTGACTNNNACGTATGCCA	5295	TGCAGGACCAGAGAATTCGAATA CAACATCGCANNNACGTATGCCA	5535
TGCAGGACCAGAGAATTCGAATA CACAGGAAGTNNNACGTATGCCA	5056	TGCAGGACCAGAGAATTCGAATA CATGAAGACGNNNACGTATGCCA	5296	TGCAGGACCAGAGAATTCGAATA CAGAATTGTTNNNACGTATGCCA	5536
TGCAGGACCAGAGAATTCGAATA CAGTATTGGCNNNACGTATGCCA	5057	TGCAGGACCAGAGAATTCGAATA CACCCTATGTNNNACGTATGCCA	5297	TGCAGGACCAGAGAATTCGAATA CAAAACACTTNNNACGTATGCCA	5537
TGCAGGACCAGAGAATTCGAATA CATCAGCCGGNNNACGTATGCCA	5058	TGCAGGACCAGAGAATTCGAATA CATGGTTTGGNNNACGTATGCCA	5298	TGCAGGACCAGAGAATTCGAATA CATGTTTGCCNNNACGTATGCCA	5538
TGCAGGACCAGAGAATTCGAATA CAAGCAGGATNNNACGTATGCCA	5059	TGCAGGACCAGAGAATTCGAATA CAGCACTCGGNNNACGTATGCCA	5299	TGCAGGACCAGAGAATTCGAATA CACGCGTGCANNNACGTATGCCA	5539
TGCAGGACCAGAGAATTCGAATA CAGTTAGTGCNNNACGTATGCCA	5060	TGCAGGACCAGAGAATTCGAATA CAAAAGAGTTNNNACGTATGCCA	5300	TGCAGGACCAGAGAATTCGAATA CAGTAATGCCNNNACGTATGCCA	5540
TGCAGGACCAGAGAATTCGAATA CAATTGTAGTNNNACGTATGCCA	5061	TGCAGGACCAGAGAATTCGAATA CAGTTCGTGANNNACGTATGCCA	5301	TGCAGGACCAGAGAATTCGAATA CAGTTCAGACNNNACGTATGCCA	5541
TGCAGGACCAGAGAATTCGAATA CAAGCACGTTNNNACGTATGCCA	5062	TGCAGGACCAGAGAATTCGAATA CATCCCCACGNNNACGTATGCCA	5302	TGCAGGACCAGAGAATTCGAATA CATAATCAGTNNNACGTATGCCA	5542
TGCAGGACCAGAGAATTCGAATA CACCCCGGTTNNNACGTATGCCA	5063	TGCAGGACCAGAGAATTCGAATA CAAAATTCTGNNNACGTATGCCA	5303	TGCAGGACCAGAGAATTCGAATA CATTCCCAACNNNACGTATGCCA	5543
TGCAGGACCAGAGAATTCGAATA CAATATCTCTNNNACGTATGCCA	5064	TGCAGGACCAGAGAATTCGAATA CATCCACAGANNNACGTATGCCA	5304	TGCAGGACCAGAGAATTCGAATA CACTAGTAGCNNNACGTATGCCA	5544
TGCAGGACCAGAGAATTCGAATA CAATCTTCATNNNACGTATGCCA	5065	TGCAGGACCAGAGAATTCGAATA CAAGAGTTTTNNNACGTATGCCA	5305	TGCAGGACCAGAGAATTCGAATA CATTAATACGNNNACGTATGCCA	5545
TGCAGGACCAGAGAATTCGAATA CAGGTACTCANNNACGTATGCCA	5066	TGCAGGACCAGAGAATTCGAATA CATGGAGCGGNNNACGTATGCCA	5306	TGCAGGACCAGAGAATTCGAATA CATACAGAGGNNNACGTATGCCA	5546
TGCAGGACCAGAGAATTCGAATA CACCACCTATNNNACGTATGCCA	5067	TGCAGGACCAGAGAATTCGAATA CACTTTAATCNNNACGTATGCCA	5307	TGCAGGACCAGAGAATTCGAATA CACGGCACCANNNACGTATGCCA	5547
TGCAGGACCAGAGAATTCGAATA CAATAATAAANNNACGTATGCCA	5068	TGCAGGACCAGAGAATTCGAATA CAACGTCAGTNNNACGTATGCCA	5308	TGCAGGACCAGAGAATTCGAATA CATCTCCCAANNNACGTATGCCA	5548
TGCAGGACCAGAGAATTCGAATA CAACATAATCNNNACGTATGCCA	5069	TGCAGGACCAGAGAATTCGAATA CATGGAGCTTNNNACGTATGCCA	5309	TGCAGGACCAGAGAATTCGAATA CAGTACTGCANNNACGTATGCCA	5549
TGCAGGACCAGAGAATTCGAATA CACCTTCGTANNNACGTATGCCA	5070	TGCAGGACCAGAGAATTCGAATA CAGCACACCGNNNACGTATGCCA	5310	TGCAGGACCAGAGAATTCGAATA CAGTAGTACCNNNACGTATGCCA	5550
TGCAGGACCAGAGAATTCGAATA CAGGATCTTGNNNACGTATGCCA	5071	TGCAGGACCAGAGAATTCGAATA CATTTGCTGCNNNACGTATGCCA	5311	TGCAGGACCAGAGAATTCGAATA CATAACCGTGNNNACGTATGCCA	5551
TGCAGGACCAGAGAATTCGAATA CAGAGGCGGTNNNACGTATGCCA	5072	TGCAGGACCAGAGAATTCGAATA CACAGCGAAANNNACGTATGCCA	5312	TGCAGGACCAGAGAATTCGAATA CACGGATAGANNNACGTATGCCA	5552
TGCAGGACCAGAGAATTCGAATA CACTCAAAATNNNACGTATGCCA	5073	TGCAGGACCAGAGAATTCGAATA CAACGATTGCNNNACGTATGCCA	5313	TGCAGGACCAGAGAATTCGAATA CAGGAATAGCNNNACGTATGCCA	5553
TGCAGGACCAGAGAATTCGAATA CACAACTGCANNNACGTATGCCA	5074	TGCAGGACCAGAGAATTCGAATA CATAGCGTTGNNNACGTATGCCA	5314	TGCAGGACCAGAGAATTCGAATA CAGGAGTCAANNNACGTATGCCA	5554
TCCACCACCACACAATTCCAATA CACGGTTCCCNNNACGTATGCCA	5075	TCCACCACCACACAATTCCAATA CAACGCTGCGNNNACGTATGCCA	5315	TCCACCACCACACAATTCCAATA CAATTAGCTANNNACGTATGCCA	5555
TGCAGGACCAGAGAATTCGAATA CAGTGGTAGANNNACGTATGCCA	5076	TGCAGGACCAGAGAATTCGAATA CACTTTATTGNNNACGTATGCCA	5316	TGCAGGACCAGAGAATTCGAATA CAAGACATTTNNNACGTATGCCA	5556
TGCAGGACCAGAGAATTCGAATA CATCTGAGTGNNNACGTATGCCA	5077	TGCAGGACCAGAGAATTCGAATA CAGCGAAATGNNNACGTATGCCA	5317	TGCAGGACCAGAGAATTCGAATA CATCTACGCTNNNACGTATGCCA	5557
TGCAGGACCAGAGAATTCGAATA CACAGCCTTTNNNACGTATGCCA	5078	TGCAGGACCAGAGAATTCGAATA CATTTATTGCNNNACGTATGCCA	5318	TGCAGGACCAGAGAATTCGAATA CATGCCTTCANNNACGTATGCCA	5558
TGCAGGACCAGAGAATTCGAATA CAGTGTGTTGNNNACGTATGCCA	5079	TGCAGGACCAGAGAATTCGAATA CATCCAGCGGNNNACGTATGCCA	5319	TGCAGGACCAGAGAATTCGAATA CAAGATCACCNNNACGTATGCCA	5559
TGCAGGACCAGAGAATTCGAATA CAATTGTAACNNNACGTATGCCA	5080	TGCAGGACCAGAGAATTCGAATA CACGCATGCGNNNACGTATGCCA	5320	TGCAGGACCAGAGAATTCGAATA CAATCCTTTANNNACGTATGCCA	5560
TGCAGGACCAGAGAATTCGAATA CAAAGTTCATNNNACGTATGCCA	5081	TGCAGGACCAGAGAATTCGAATA CAATGCTGGTNNNACGTATGCCA	5321	TGCAGGACCAGAGAATTCGAATA CAGTAGTTCGNNNACGTATGCCA	5561

FIG. 19B

Pool-22	SEQ ID NO:	Pool-23	SEQ ID NO:	Pool-24	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAAAGTCGCTNNNACGTATGCCA	5082	TGCAGGACCAGAGAATTCGAATA CAAATGGCCTNNNACGTATGCCA	5322	TGCAGGACCAGAGAATTCGAATA CAGGCCCGGCNNNACGTATGCCA	5562
TGCAGGACCAGAGAATTCGAATA CAATATCAGTNNNACGTATGCCA	5083	TGCAGGACCAGAGAATTCGAATA CAGGTTTAGCNNNACGTATGCCA	5323	TGCAGGACCAGAGAATTCGAATA CAAGGCCAGGNNNACGTATGCCA	5563
TGCAGGACCAGAGAATTCGAATA CATTCTCCGANNNACGTATGCCA	5084	TGCAGGACCAGAGAATTCGAATA CATTCCCAGTNNNACGTATGCCA	5324	TGCAGGACCAGAGAATTCGAATA CATTGTCAGGNNNACGTATGCCA	5564
TGCAGGACCAGAGAATTCGAATA CATCTTGAAANNNACGTATGCCA	5085	TGCAGGACCAGAGAATTCGAATA CAAGCGATGANNNACGTATGCCA	5325	TGCAGGACCAGAGAATTCGAATA CAAAATCTGTNNNACGTATGCCA	5565
TGCAGGACCAGAGAATTCGAATA CATTACCGAGNNNACGTATGCCA	5086	TGCAGGACCAGAGAATTCGAATA CACCGGTCAGNNNACGTATGCCA	5326	TGCAGGACCAGAGAATTCGAATA CAATAAAAATNNNACGTATGCCA	5566
TGCAGGACCAGAGAATTCGAATA CAACTTAGATNNNACGTATGCCA	5087	TGCAGGACCAGAGAATTCGAATA CAAGTATACTNNNACGTATGCCA	5327	TGCAGGACCAGAGAATTCGAATA CATGTCACAGNNNACGTATGCCA	5567
TGCAGGACCAGAGAATTCGAATA CACATCGGTANNNACGTATGCCA	5088	TGCAGGACCAGAGAATTCGAATA CAGACTGAGANNNACGTATGCCA	5328	TGCAGGACCAGAGAATTCGAATA CATCTCATGCNNNACGTATGCCA	5568
TGCAGGACCAGAGAATTCGAATA CACCAGCGCANNNACGTATGCCA	5089	TGCAGGACCAGAGAATTCGAATA CATCACGTTCNNNACGTATGCCA	5329	TGCAGGACCAGAGAATTCGAATA CAGAACGCTTNNNACGTATGCCA	5569
TGCAGGACCAGAGAATTCGAATA CATATCGATANNNACGTATGCCA	5090	TGCAGGACCAGAGAATTCGAATA CACTCACTACNNNACGTATGCCA	5330	TGCAGGACCAGAGAATTCGAATA CATCTCAGCTNNNACGTATGCCA	5570
TGCAGGACCAGAGAATTCGAATA CAAGACTCTGNNNACGTATGCCA	5091	TGCAGGACCAGAGAATTCGAATA CAGAAGAGAGNNNACGTATGCCA	5331	TGCAGGACCAGAGAATTCGAATA CAGATGCGAANNNACGTATGCCA	5571
TGCAGGACCAGAGAATTCGAATA CAAGAGCACANNNACGTATGCCA	5092	TGCAGGACCAGAGAATTCGAATA CACCCTGCACNNNACGTATGCCA	5332	TGCAGGACCAGAGAATTCGAATA CACTCTATCGNNNACGTATGCCA	5572
TGCAGGACCAGAGAATTCGAATA CATACCGTAGNNNACGTATGCCA	5093	TGCAGGACCAGAGAATTCGAATA CAGCAACGAANNNACGTATGCCA	5333	TGCAGGACCAGAGAATTCGAATA CAGACGGTAANNNACGTATGCCA	5573
TGCAGGACCAGAGAATTCGAATA CAGAAGGTGTNNNACGTATGCCA	5094	TGCAGGACCAGAGAATTCGAATA CAGCTACCTTNNNACGTATGCCA	5334	TGCAGGACCAGAGAATTCGAATA CATATATTTTNNNACGTATGCCA	5574
TGCAGGACCAGAGAATTCGAATA CATTGGACCANNNACGTATGCCA	5095	TGCAGGACCAGAGAATTCGAATA CAACACCTTCNNNACGTATGCCA	5335	TGCAGGACCAGAGAATTCGAATA CATGCATTCCNNNACGTATGCCA	5575
TGCAGGACCAGAGAATTCGAATA CAGCAATCACNNNACGTATGCCA	5096	TGCAGGACCAGAGAATTCGAATA CACTGTTAAANNNACGTATGCCA	5336	TGCAGGACCAGAGAATTCGAATA CATATATCTCNNNACGTATGCCA	5576
TGCAGGACCAGAGAATTCGAATA CATTGAGCGTNNNACGTATGCCA	5097	TGCAGGACCAGAGAATTCGAATA CAATCTCGGANNNACGTATGCCA	5337	TGCAGGACCAGAGAATTCGAATA CACCGGCTGANNNACGTATGCCA	5577
TGCAGGACCAGAGAATTCGAATA CACAAGTGTCNNNACGTATGCCA	5098	TGCAGGACCAGAGAATTCGAATA CAATGTTGCGNNNACGTATGCCA	5338	TGCAGGACCAGAGAATTCGAATA CAGAATCAGGNNNACGTATGCCA	5578
TGCAGGACCAGAGAATTCGAATA CAGTCTAATANNNACGTATGCCA	5099	TGCAGGACCAGAGAATTCGAATA CAGCACATGTNNNACGTATGCCA	5339	TGCAGGACCAGAGAATTCGAATA CATCCTAGAGNNNACGTATGCCA	5579
TGCAGGACCAGAGAATTCGAATA CAAAGAAATCNNNACGTATGCCA	5100	TGCAGGACCAGAGAATTCGAATA CAAATCCGGTNNNACGTATGCCA	5340	TGCAGGACCAGAGAATTCGAATA CACCGTGTGGNNNACGTATGCCA	5580
TGCAGGACCAGAGAATTCGAATA CAGCTAGATCNNNACGTATGCCA	5101	TGCAGGACCAGAGAATTCGAATA CACTATTTACNNNACGTATGCCA	5341	TGCAGGACCAGAGAATTCGAATA CATAGTTTCTNNNACGTATGCCA	5581
TGCAGGACCAGAGAATTCGAATA CAGATAAGTANNNACGTATGCCA	5102	TGCAGGACCAGAGAATTCGAATA CACGTGCCAGNNNACGTATGCCA	5342	TGCAGGACCAGAGAATTCGAATA CAGATAACGGNNNACGTATGCCA	5582
TGCAGGACCAGAGAATTCGAATA CAGGTTCAGTNNNACGTATGCCA	5103	TGCAGGACCAGAGAATTCGAATA CACCGGTAGCNNNACGTATGCCA	5343	TGCAGGACCAGAGAATTCGAATA CACTCGTACTNNNACGTATGCCA	5583
TGCAGGACCAGAGAATTCGAATA CAAGCTGACTNNNACGTATGCCA	5104	TGCAGGACCAGAGAATTCGAATA CAACATATGTNNNACGTATGCCA	5344	TGCAGGACCAGAGAATTCGAATA CAGCACTTTCNNNACGTATGCCA	5584
TGCAGGACCAGAGAATTCGAATA CATGCGCCAGNNNACGTATGCCA	5105	TGCAGGACCAGAGAATTCGAATA CATGGTGGCCNNNACGTATGCCA	5345	TGCAGGACCAGAGAATTCGAATA CAGTTCTCGTNNNACGTATGCCA	5585
TGCAGGACCAGAGAATTCGAATA CATGTCAGTGNNNACGTATGCCA	5106	TGCAGGACCAGAGAATTCGAATA CACAACTCAGNNNACGTATGCCA	5346	TGCAGGACCAGAGAATTCGAATA CACTTACGTCNNNACGTATGCCA	5586
TGCAGGACCAGAGAATTCGAATA CAGAATCGTCNNNACGTATGCCA	5107	TGCAGGACCAGAGAATTCGAATA CACCAATTTTNNNACGTATGCCA	5347	TGCAGGACCAGAGAATTCGAATA CACAGAAGACNNNACGTATGCCA	5587
TCCACCACCACACAATTCCAATA CACCCCATGCNNNACGTATGCCA	5108	TCCACCACCACACAATTCCAATA CAAACTGAGGNNNACGTATGCCA	5348	TCCACCACCACACAATTCCAATA CATAAGTCTANNNACGTATGCCA	5588
TGCAGGACCAGAGAATTCGAATA CACATTAGCGNNNCTAGCGTTAC	5109	TGCAGGACCAGAGAATTCGAATA CAACGTAGTCNNNCTAGCGTTAC	5349	TGCAGGACCAGAGAATTCGAATA CACATACTAANNNCTAGCGTTAC	5589
TGCAGGACCAGAGAATTCGAATA CAATCCACCTNNNCTAGCGTTAC	5110	TGCAGGACCAGAGAATTCGAATA CAGCATGGCCNNNCTAGCGTTAC	5350	TGCAGGACCAGAGAATTCGAATA CACCGAATCANNNCTAGCGTTAC	5590
TGCAGGACCAGAGAATTCGAATA CAACATGCGTNNNCTAGCGTTAC	5111	TGCAGGACCAGAGAATTCGAATA CAAGTCAGAGNNNCTAGCGTTAC	5351	TGCAGGACCAGAGAATTCGAATA CACTATTTTGNNNCTAGCGTTAC	5591
TGCAGGACCAGAGAATTCGAATA CAGCTTTACCNNNCTAGCGTTAC	5112	TGCAGGACCAGAGAATTCGAATA CATGAATACTNNNCTAGCGTTAC	5352	TGCAGGACCAGAGAATTCGAATA CACCCGACAGNNNCTAGCGTTAC	5592
TGCAGGACCAGAGAATTCGAATA CAAACCTCCTNNNCTAGCGTTAC	5113	TGCAGGACCAGAGAATTCGAATA CAGTATGAGGNNNCTAGCGTTAC	5353	TGCAGGACCAGAGAATTCGAATA CAACTTCGAGNNNCTAGCGTTAC	5593
TGCAGGACCAGAGAATTCGAATA CACTTTATGTNNNCTAGCGTTAC	5114	TGCAGGACCAGAGAATTCGAATA CAGACTTGTGNNNCTAGCGTTAC	5354	TGCAGGACCAGAGAATTCGAATA CATGATGCTGNNNCTAGCGTTAC	5594

FIG. 19C

Pool-22	SEQ ID NO:	Pool-23	SEQ ID NO:	Pool-24	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACTCGCCTGNNNCTAGCGTTAC	5115	TGCAGGACCAGAGAATTCGAATA CAAATTAAGGNNNCTAGCGTTAC	5355	TGCAGGACCAGAGAATTCGAATA CAGCGCAGGANNNCTAGCGTTAC	5595
TGCAGGACCAGAGAATTCGAATA CAATGATGTTNNNCTAGCGTTAC	5116	TGCAGGACCAGAGAATTCGAATA CACGGTTGTANNNCTAGCGTTAC	5356	TGCAGGACCAGAGAATTCGAATA CATTCACAAANNNCTAGCGTTAC	5596
TGCAGGACCAGAGAATTCGAATA CAGAGTTGGANNNCTAGCGTTAC	5117	TGCAGGACCAGAGAATTCGAATA CACCTGTCCGNNNCTAGCGTTAC	5357	TGCAGGACCAGAGAATTCGAATA CAATGCACTGNNNCTAGCGTTAC	5597
TGCAGGACCAGAGAATTCGAATA CAACAACCACNNNCTAGCGTTAC	5118	TGCAGGACCAGAGAATTCGAATA CAGTGACGCCNNNCTAGCGTTAC	5358	TGCAGGACCAGAGAATTCGAATA CAGTTGCCGGNNNCTAGCGTTAC	5598
TGCAGGACCAGAGAATTCGAATA CATACCGCAANNNCTAGCGTTAC	5119	TGCAGGACCAGAGAATTCGAATA CAGTGTTGCANNNCTAGCGTTAC	5359	TGCAGGACCAGAGAATTCGAATA CAATTTTCCANNNCTAGCGTTAC	5599
TGCAGGACCAGAGAATTCGAATA CAGGTTAAAANNNCTAGCGTTAC	5120	TGCAGGACCAGAGAATTCGAATA CACCCGATTTNNNCTAGCGTTAC	5360	TGCAGGACCAGAGAATTCGAATA CACCAGCAGCNNNCTAGCGTTAC	5600
TGCAGGACCAGAGAATTCGAATA CACGGAAAGTNNNCTAGCGTTAC	5121	TGCAGGACCAGAGAATTCGAATA CATTTCCGTGNNNCTAGCGTTAC	5361	TGCAGGACCAGAGAATTCGAATA CACGGACAGGNNNCTAGCGTTAC	5601
TGCAGGACCAGAGAATTCGAATA CAGTGGTCCGNNNCTAGCGTTAC	5122	TGCAGGACCAGAGAATTCGAATA CAAAGGTCCTNNNCTAGCGTTAC	5362	TGCAGGACCAGAGAATTCGAATA CATCTGCGTTNNNCTAGCGTTAC	5602
TGCAGGACCAGAGAATTCGAATA CAGGTGTCCGNNNCTAGCGTTAC	5123	TGCAGGACCAGAGAATTCGAATA CAGAGCCAAAANNNCTAGCGTTAC	5363	TGCAGGACCAGAGAATTCGAATA CATTTGCTATNNNCTAGCGTTAC	5603
TGCAGGACCAGAGAATTCGAATA CATCGCACTTNNNCTAGCGTTAC	5124	TGCAGGACCAGAGAATTCGAATA CACCCTTCAANNNCTAGCGTTAC	5364	TGCAGGACCAGAGAATTCGAATA CATTTCCTTTNNNCTAGCGTTAC	5604
TGCAGGACCAGAGAATTCGAATA CATTCGGTCTNNNCTAGCGTTAC	5125	TGCAGGACCAGAGAATTCGAATA CAGCGCGGTTNNNCTAGCGTTAC	5365	TGCAGGACCAGAGAATTCGAATA CACGAGACTTNNNCTAGCGTTAC	5605
TGCAGGACCAGAGAATTCGAATA CAACGAGGATNNNCTAGCGTTAC	5126	TGCAGGACCAGAGAATTCGAATA CACTTCTAGCNNNCTAGCGTTAC	5366	TGCAGGACCAGAGAATTCGAATA CAAACTAGAANNNCTAGCGTTAC	5606
TGCAGGACCAGAGAATTCGAATA CAGTAGATGGNNNCTAGCGTTAC	5127	TGCAGGACCAGAGAATTCGAATA CAGTGTAAAANNNCTAGCGTTAC	5367	TGCAGGACCAGAGAATTCGAATA CACCTCGATTNNNCTAGCGTTAC	5607
TGCAGGACCAGAGAATTCGAATA CACCACACTTNNNCTAGCGTTAC	5128	TGCAGGACCAGAGAATTCGAATA CAACTATGCGNNNCTAGCGTTAC	5368	TGCAGGACCAGAGAATTCGAATA CAGTGAAGACNNNCTAGCGTTAC	5608
TGCAGGACCAGAGAATTCGAATA CAGTTTGCGANNNCTAGCGTTAC	5129	TGCAGGACCAGAGAATTCGAATA CACGCCAGACNNNCTAGCGTTAC	5369	TGCAGGACCAGAGAATTCGAATA CAACGTTACGNNNCTAGCGTTAC	5609
TGCAGGACCAGAGAATTCGAATA CAACGGTATCNNNCTAGCGTTAC	5130	TGCAGGACCAGAGAATTCGAATA CAATCAGTGCNNNCTAGCGTTAC	5370	TGCAGGACCAGAGAATTCGAATA CACGTCCTGCNNNCTAGCGTTAC	5610
TGCAGGACCAGAGAATTCGAATA CAATGATAGANNNCTAGCGTTAC	5131	TGCAGGACCAGAGAATTCGAATA CAGTTCTACCNNNCTAGCGTTAC	5371	TGCAGGACCAGAGAATTCGAATA CAACTCCTACNNNCTAGCGTTAC	5611
TGCAGGACCAGAGAATTCGAATA CACAATAACTNNNCTAGCGTTAC	5132	TGCAGGACCAGAGAATTCGAATA CACACCATAGNNNCTAGCGTTAC	5372	TGCAGGACCAGAGAATTCGAATA CAGTTAGGTCNNNCTAGCGTTAC	5612
TGCAGGACCAGAGAATTCGAATA CAGATCCTAGNNNCTAGCGTTAC	5133	TGCAGGACCAGAGAATTCGAATA CACAAAGATANNNCTAGCGTTAC	5373	TGCAGGACCAGAGAATTCGAATA CACTCATGAGNNNCTAGCGTTAC	5613
TGCAGGACCAGAGAATTCGAATA CAATTACCCCNNNCTAGCGTTAC	5134	TGCAGGACCAGAGAATTCGAATA CACAAGGCTTNNNCTAGCGTTAC	5374	TGCAGGACCAGAGAATTCGAATA CATATTTACCNNNCTAGCGTTAC	5614
TGCAGGACCAGAGAATTCGAATA CACTGTGCGGNNNCTAGCGTTAC	5135	TGCAGGACCAGAGAATTCGAATA CAGTCGTTAGNNNCTAGCGTTAC	5375	TGCAGGACCAGAGAATTCGAATA CACCTTCATGNNNCTAGCGTTAC	5615
TGCAGGACCAGAGAATTCGAATA CATATGTGTANNNCTAGCGTTAC	5136	TGCAGGACCAGAGAATTCGAATA CAAACGTTCGNNNCTAGCGTTAC	5376	TGCAGGACCAGAGAATTCGAATA CAGGACTAGANNNCTAGCGTTAC	5616
TGCAGGACCAGAGAATTCGAATA CAGCTCCTTANNNCTAGCGTTAC	5137	TGCAGGACCAGAGAATTCGAATA CAATGGCTGTNNNCTAGCGTTAC	5377	TGCAGGACCAGAGAATTCGAATA CAGTGGCAAANNNCTAGCGTTAC	5617
TGCAGGACCAGAGAATTCGAATA CAAAAAGCGCNNNCTAGCGTTAC	5138	TGCAGGACCAGAGAATTCGAATA CAATTCTATCNNNCTAGCGTTAC	5378	TGCAGGACCAGAGAATTCGAATA CAAATAAACGNNNCTAGCGTTAC	5618
TGCAGGACCAGAGAATTCGAATA CATGGTATATNNNCTAGCGTTAC	5139	TGCAGGACCAGAGAATTCGAATA CAGGTAGCAANNNCTAGCGTTAC	5379	TGCAGGACCAGAGAATTCGAATA CAGTATACCGNNNCTAGCGTTAC	5619
TGCAGGACCAGAGAATTCGAATA CACATCACGANNNCTAGCGTTAC	5140	TGCAGGACCAGAGAATTCGAATA CATGGTGACTNNNCTAGCGTTAC	5380	TGCAGGACCAGAGAATTCGAATA CACCAAATTANNNCTAGCGTTAC	5620
TCCACCACCACACAATTCCAATA CACTCATTCGNNNCTAGCGTTAC	5141	TCCACCACCACACAATTCCAATA CATCCTAATTNNNCTAGCGTTAC	5381	TCCACCACCACACAATTCCAATA CATTCTTTAGNNNCTAGCGTTAC	5621
TGCAGGACCAGAGAATTCGAATA CAGGCGCATCNNNCTAGCGTTAC	5142	TGCAGGACCAGAGAATTCGAATA CAGCCCGGCGNNNCTAGCGTTAC	5382	TGCAGGACCAGAGAATTCGAATA CATGTTCGTCNNNCTAGCGTTAC	5622
TGCAGGACCAGAGAATTCGAATA CAAAAGATTGNNNCTAGCGTTAC	5143	TGCAGGACCAGAGAATTCGAATA CACCCGCAAGNNNCTAGCGTTAC	5383	TGCAGGACCAGAGAATTCGAATA CACCGGCTCTNNNCTAGCGTTAC	5623
TGCAGGACCAGAGAATTCGAATA CATGAAAGATNNNCTAGCGTTAC	5144	TGCAGGACCAGAGAATTCGAATA CATCCCTGGCNNNCTAGCGTTAC	5384	TGCAGGACCAGAGAATTCGAATA CACGAGTGTTNNNCTAGCGTTAC	5624
TGCAGGACCAGAGAATTCGAATA CACAGGCTTANNNCTAGCGTTAC	5145	TGCAGGACCAGAGAATTCGAATA CAGATCCCTTNNNCTAGCGTTAC	5385	TGCAGGACCAGAGAATTCGAATA CAGCGGTATTNNNCTAGCGTTAC	5625
TGCAGGACCAGAGAATTCGAATA CACGAATTCGNNNCTAGCGTTAC	5146	TGCAGGACCAGAGAATTCGAATA CATAGATGAANNNCTAGCGTTAC	5386	TGCAGGACCAGAGAATTCGAATA CAAAGTCTCGNNNCTAGCGTTAC	5626
TGCAGGACCAGAGAATTCGAATA CATAACCACGNNNCTAGCGTTAC	5147	TGCAGGACCAGAGAATTCGAATA CAAGGCAAGTNNNCTAGCGTTAC	5387	TGCAGGACCAGAGAATTCGAATA CAGTAGCAAGNNNCTAGCGTTAC	5627

FIG. 19D

Pool-22	SEQ ID NO:	Pool-23	SEQ ID NO:	Pool-24	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAAGCAGGTANNNCTAGCGTTAC	5148	TGCAGGACCAGAGAATTCGAATA CATAATCTGANNNCTAGCGTTAC	5388	TGCAGGACCAGAGAATTCGAATA CACGGAGAGCNNNCTAGCGTTAC	5628
TGCAGGACCAGAGAATTCGAATA CACACAAGGANNNCTAGCGTTAC	5149	TGCAGGACCAGAGAATTCGAATA CAGGCCAAAAANNNCTAGCGTTAC	5389	TGCAGGACCAGAGAATTCGAATA CAGCTTTTGCNNNCTAGCGTTAC	5629
TGCAGGACCAGAGAATTCGAATA CAACTAGCCANNNCTAGCGTTAC	5150	TGCAGGACCAGAGAATTCGAATA CAAAGCGTCTNNNCTAGCGTTAC	5390	TGCAGGACCAGAGAATTCGAATA CATATGTAGTNNNCTAGCGTTAC	5630
TGCAGGACCAGAGAATTCGAATA CACACGTGGCNNNCTAGCGTTAC	5151	TGCAGGACCAGAGAATTCGAATA CACATGGCCGNNNCTAGCGTTAC	5391	TGCAGGACCAGAGAATTCGAATA CAATCTCTCGNNNCTAGCGTTAC	5631
TGCAGGACCAGAGAATTCGAATA CACCAGTCGGNNNCTAGCGTTAC	5152	TGCAGGACCAGAGAATTCGAATA CAGGAAGATCNNNCTAGCGTTAC	5392	TGCAGGACCAGAGAATTCGAATA CAGTGTTTCCNNNCTAGCGTTAC	5632
TGCAGGACCAGAGAATTCGAATA CACACCCCTGNNNCTAGCGTTAC	5153	TGCAGGACCAGAGAATTCGAATA CATCAGCTAGNNNCTAGCGTTAC	5393	TGCAGGACCAGAGAATTCGAATA CACGTAGTACNNNCTAGCGTTAC	5633
TGCAGGACCAGAGAATTCGAATA CACAATACATNNNCTAGCGTTAC	5154	TGCAGGACCAGAGAATTCGAATA CACTGCTAAGNNNCTAGCGTTAC	5394	TGCAGGACCAGAGAATTCGAATA CAGCGGAAATNNNCTAGCGTTAC	5634
TGCAGGACCAGAGAATTCGAATA CACTGCATAGNNNCTAGCGTTAC	5155	TGCAGGACCAGAGAATTCGAATA CACACTTGGANNNCTAGCGTTAC	5395	TGCAGGACCAGAGAATTCGAATA CATAATTCAGNNNCTAGCGTTAC	5635
TGCAGGACCAGAGAATTCGAATA CACTGAAAAANNNCTAGCGTTAC	5156	TGCAGGACCAGAGAATTCGAATA CACTCGAATGNNNCTAGCGTTAC	5396	TGCAGGACCAGAGAATTCGAATA CACGCGCGGCNNNCTAGCGTTAC	5636
TGCAGGACCAGAGAATTCGAATA CAGTCCATTCNNNCTAGCGTTAC	5157	TGCAGGACCAGAGAATTCGAATA CACGCTTAAGNNNCTAGCGTTAC	5397	TGCAGGACCAGAGAATTCGAATA CACGAAGAGTNNNCTAGCGTTAC	5637
TGCAGGACCAGAGAATTCGAATA CATTAGTGGCNNNCTAGCGTTAC	5158	TGCAGGACCAGAGAATTCGAATA CAATATTGTGNNNCTAGCGTTAC	5398	TGCAGGACCAGAGAATTCGAATA CAAGCGTGTTNNNCTAGCGTTAC	5638
TGCAGGACCAGAGAATTCGAATA CAACTGGCATNNNCTAGCGTTAC	5159	TGCAGGACCAGAGAATTCGAATA CATTTCACGCNNNCTAGCGTTAC	5399	TGCAGGACCAGAGAATTCGAATA CACGAAAGCANNNCTAGCGTTAC	5639
TGCAGGACCAGAGAATTCGAATA CAATGGTTGCNNNCTAGCGTTAC	5160	TGCAGGACCAGAGAATTCGAATA CATTCCATCGNNNCTAGCGTTAC	5400	TGCAGGACCAGAGAATTCGAATA CAGTCTACCTNNNCTAGCGTTAC	5640
TGCAGGACCAGAGAATTCGAATA CATGGCTCCCNNNCTAGCGTTAC	5161	TGCAGGACCAGAGAATTCGAATA CAAATGACCCNNNCTAGCGTTAC	5401	TGCAGGACCAGAGAATTCGAATA CACATGCGGCNNNCTAGCGTTAC	5641
TGCAGGACCAGAGAATTCGAATA CAGATTTTTCNNNCTAGCGTTAC	5162	TGCAGGACCAGAGAATTCGAATA CAATCAGTCGNNNCTAGCGTTAC	5402	TGCAGGACCAGAGAATTCGAATA CATGACCGGCNNNCTAGCGTTAC	5642
TGCAGGACCAGAGAATTCGAATA CAGCCTACAANNNCTAGCGTTAC	5163	TGCAGGACCAGAGAATTCGAATA CACTCTGAAGNNNCTAGCGTTAC	5403	TGCAGGACCAGAGAATTCGAATA CAACTTTAGANNNCTAGCGTTAC	5643
TGCAGGACCAGAGAATTCGAATA CAGGATTCACNNNCTAGCGTTAC	5164	TGCAGGACCAGAGAATTCGAATA CAAAAGTGATNNNCTAGCGTTAC	5404	TGCAGGACCAGAGAATTCGAATA CAAGCTCGCGNNNCTAGCGTTAC	5644
TGCAGGACCAGAGAATTCGAATA CAATTCGCAGNNNCTAGCGTTAC	5165	TGCAGGACCAGAGAATTCGAATA CATCAACCTCNNNCTAGCGTTAC	5405	TGCAGGACCAGAGAATTCGAATA CAAGACATCCNNNCTAGCGTTAC	5645
TGCAGGACCAGAGAATTCGAATA CACGGCTACGNNNCTAGCGTTAC	5166	TGCAGGACCAGAGAATTCGAATA CAGCTAATGCNNNCTAGCGTTAC	5406	TGCAGGACCAGAGAATTCGAATA CACTCAATGGNNNCTAGCGTTAC	5646
TGCAGGACCAGAGAATTCGAATA CAATCCTAGGNNNCTAGCGTTAC	5167	TGCAGGACCAGAGAATTCGAATA CATATTGGCGNNNCTAGCGTTAC	5407	TGCAGGACCAGAGAATTCGAATA CATATTCCGCNNNCTAGCGTTAC	5647
TGCAGGACCAGAGAATTCGAATA CATCGTACCTNNNCTAGCGTTAC	5168	TGCAGGACCAGAGAATTCGAATA CATACTATCTNNNCTAGCGTTAC	5408	TGCAGGACCAGAGAATTCGAATA CATTCACCTGNNNCTAGCGTTAC	5648
TGCAGGACCAGAGAATTCGAATA CACATCTAAANNNGATCGACATG	5169	TGCAGGACCAGAGAATTCGAATA CAGACTCGGCNNNGATCGACATG	5409	TGCAGGACCAGAGAATTCGAATA CACTCTGTACNNNGATCGACATG	5649
TGCAGGACCAGAGAATTCGAATA CAAGTGAACGNNNGATCGACATG	5170	TGCAGGACCAGAGAATTCGAATA CAGCTGTATGNNNGATCGACATG	5410	TGCAGGACCAGAGAATTCGAATA CATTGATTTCNNNGATCGACATG	5650
TGCAGGACCAGAGAATTCGAATA CACTGAACTGNNNGATCGACATG	5171	TGCAGGACCAGAGAATTCGAATA CAAAATTGCTNNNGATCGACATG	5411	TGCAGGACCAGAGAATTCGAATA CAGCACATACNNNGATCGACATG	5651
TGCAGGACCAGAGAATTCGAATA CAGATACGAGNNNGATCGACATG	5172	TGCAGGACCAGAGAATTCGAATA CAACATGTTANNNGATCGACATG	5412	TGCAGGACCAGAGAATTCGAATA CAGCTTGTGANNNGATCGACATG	5652
TGCAGGACCAGAGAATTCGAATA CATTTCCTAANNNGATCGACATG	5173	TGCAGGACCAGAGAATTCGAATA CAAGATGGACNNNGATCGACATG	5413	TGCAGGACCAGAGAATTCGAATA CATACGGTACNNNGATCGACATG	5653
TCCACCACCACACAATTCCAATA CATAGTCTTTNNNGATCGACATG	5174	TCCACCACCACACAATTCCAATA CATGTCTCCANNNGATCGACATG	5414	TCCACCACCACACAATTCCAATA CACACGGTCGNNNGATCGACATG	5654
TGCAGGACCAGAGAATTCGAATA CAAGTTGCCANNNGATCGACATG	5175	TGCAGGACCAGAGAATTCGAATA CATTGGCTAGNNNGATCGACATG	5415	TGCAGGACCAGAGAATTCGAATA CACCAAGGTTNNNGATCGACATG	5655
TGCAGGACCAGAGAATTCGAATA CAAGCGACAANNNGATCGACATG	5176	TGCAGGACCAGAGAATTCGAATA CATAATTTCCNNNGATCGACATG	5416	TGCAGGACCAGAGAATTCGAATA CAGTTCGGCGNNNGATCGACATG	5656
TGCAGGACCAGAGAATTCGAATA CAGGATAAATNNNGATCGACATG	5177	TGCAGGACCAGAGAATTCGAATA CAGTGTTAATNNNGATCGACATG	5417	TGCAGGACCAGAGAATTCGAATA CAACGCAGCCNNNGATCGACATG	5657
TGCAGGACCAGAGAATTCGAATA CATTTGAAACNNNGATCGACATG	5178	TGCAGGACCAGAGAATTCGAATA CATGAGCAAGNNNGATCGACATG	5418	TGCAGGACCAGAGAATTCGAATA CACCCCGAGANNNGATCGACATG	5658
TGCAGGACCAGAGAATTCGAATA CAGAGGATACNNNGATCGACATG	5179	TGCAGGACCAGAGAATTCGAATA CACGCCCCTANNNGATCGACATG	5419	TGCAGGACCAGAGAATTCGAATA CACTCCATGTNNNGATCGACATG	5659
TGCAGGACCAGAGAATTCGAATA CAACTGGATCNNNGATCGACATG	5180	TGCAGGACCAGAGAATTCGAATA CAGTCACAGTNNNGATCGACATG	5420	TGCAGGACCAGAGAATTCGAATA CATTTGCACCNNNGATCGACATG	5660

FIG. 19E

Pool-22	SEQ ID NO:	Pool-23	SEQ ID NO:	Pool-24	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAAAATGGATNNNGATCGACATG	5181	TGCAGGACCAGAGAATTCGAATA CAGTTGGTGTNNNGATCGACATG	5421	TGCAGGACCAGAGAATTCGAATA CAATTACAACNNNGATCGACATG	5661
TGCAGGACCAGAGAATTCGAATA CACGCATGATNNNGATCGACATG	5182	TGCAGGACCAGAGAATTCGAATA CACTTATTACNNNGATCGACATG	5422	TGCAGGACCAGAGAATTCGAATA CATGCCCACCNNNGATCGACATG	5662
TGCAGGACCAGAGAATTCGAATA CATACGAATTNNNGATCGACATG	5183	TGCAGGACCAGAGAATTCGAATA CACTCGCAAANNNGATCGACATG	5423	TGCAGGACCAGAGAATTCGAATA CAGATTGGAGNNNGATCGACATG	5663
TGCAGGACCAGAGAATTCGAATA CAGGAAAGCTNNNGATCGACATG	5184	TGCAGGACCAGAGAATTCGAATA CACTAGGTGTNNNGATCGACATG	5424	TGCAGGACCAGAGAATTCGAATA CATCATACCCNNNGATCGACATG	5664
TGCAGGACCAGAGAATTCGAATA CACCAACAACNNNGATCGACATG	5185	TGCAGGACCAGAGAATTCGAATA CACAACATATNNNGATCGACATG	5425	TGCAGGACCAGAGAATTCGAATA CAGGTGGATANNNGATCGACATG	5665
TGCAGGACCAGAGAATTCGAATA CAACGCGACCNNNGATCGACATG	5186	TGCAGGACCAGAGAATTCGAATA CAACCGATACNNNGATCGACATG	5426	TGCAGGACCAGAGAATTCGAATA CAGACATTCGNNNGATCGACATG	5666
TGCAGGACCAGAGAATTCGAATA CAGGAGTCCCNNNGATCGACATG	5187	TGCAGGACCAGAGAATTCGAATA CACCGACTGGNNNGATCGACATG	5427	TGCAGGACCAGAGAATTCGAATA CAATCTGCGANNNGATCGACATG	5667
TGCAGGACCAGAGAATTCGAATA CACCACGCAGNNNGATCGACATG	5188	TGCAGGACCAGAGAATTCGAATA CACAACGCATNNNGATCGACATG	5428	TGCAGGACCAGAGAATTCGAATA CAGGCACCCANNNGATCGACATG	5668
TGCAGGACCAGAGAATTCGAATA CAACTCGCCCNNNGATCGACATG	5189	TGCAGGACCAGAGAATTCGAATA CATTTTAATTNNNGATCGACATG	5429	TGCAGGACCAGAGAATTCGAATA CAAATGTTTGNNNGATCGACATG	5669
TGCAGGACCAGAGAATTCGAATA CACTGAAGAGNNNGATCGACATG	5190	TGCAGGACCAGAGAATTCGAATA CAAGTGTATTNNNGATCGACATG	5430	TGCAGGACCAGAGAATTCGAATA CAACCTGGTANNNGATCGACATG	5670
TGCAGGACCAGAGAATTCGAATA CAGGAGCACGNNNGATCGACATG	5191	TGCAGGACCAGAGAATTCGAATA CAACTTCAGGNNNGATCGACATG	5431	TGCAGGACCAGAGAATTCGAATA CAACTGAGAGNNNGATCGACATG	5671
TGCAGGACCAGAGAATTCGAATA CAGGAGCGACNNNGATCGACATG	5192	TGCAGGACCAGAGAATTCGAATA CAAAGCCGCCNNNGATCGACATG	5432	TGCAGGACCAGAGAATTCGAATA CAGAATTAAGNNNGATCGACATG	5672
TGCAGGACCAGAGAATTCGAATA CAGGAACCTTNNNGATCGACATG	5193	TGCAGGACCAGAGAATTCGAATA CACCACGGTGNNNGATCGACATG	5433	TGCAGGACCAGAGAATTCGAATA CAATTACGGCNNNGATCGACATG	5673
TGCAGGACCAGAGAATTCGAATA CAGCCCTGTCNNNGATCGACATG	5194	TGCAGGACCAGAGAATTCGAATA CAGGCTCTTTNNNGATCGACATG	5434	TGCAGGACCAGAGAATTCGAATA CACAGTCTAGNNNGATCGACATG	5674
TGCAGGACCAGAGAATTCGAATA CAAGTAATCTNNNGATCGACATG	5195	TGCAGGACCAGAGAATTCGAATA CACTTAGCCTNNNGATCGACATG	5435	TGCAGGACCAGAGAATTCGAATA CAATCCCTTGNNNGATCGACATG	5675
TGCAGGACCAGAGAATTCGAATA CACGCTCGAGNNNGATCGACATG	5196	TGCAGGACCAGAGAATTCGAATA CAATTAGCATNNNGATCGACATG	5436	TGCAGGACCAGAGAATTCGAATA CATGTCCACTNNNGATCGACATG	5676
TGCAGGACCAGAGAATTCGAATA CAGTCATGGTNNNGATCGACATG	5197	TGCAGGACCAGAGAATTCGAATA CAGCAGCTTANNNGATCGACATG	5437	TGCAGGACCAGAGAATTCGAATA CAGGTACGCCNNNGATCGACATG	5677
TGCAGGACCAGAGAATTCGAATA CAGATTCCAGNNNGATCGACATG	5198	TGCAGGACCAGAGAATTCGAATA CAACATACGCNNNGATCGACATG	5438	TGCAGGACCAGAGAATTCGAATA CATGAGCAGANNNGATCGACATG	5678
TGCAGGACCAGAGAATTCGAATA CACTATTACTNNNGATCGACATG	5199	TGCAGGACCAGAGAATTCGAATA CAGTCGAAAGNNNGATCGACATG	5439	TGCAGGACCAGAGAATTCGAATA CAGATCCGTANNNGATCGACATG	5679
TGCAGGACCAGAGAATTCGAATA CAAGGTCTACNNNGATCGACATG	5200	TGCAGGACCAGAGAATTCGAATA CATTCTAGTTNNNGATCGACATG	5440	TGCAGGACCAGAGAATTCGAATA CATCACTAAANNNGATCGACATG	5680
TGCAGGACCAGAGAATTCGAATA CACCTGTAGANNNGATCGACATG	5201	TGCAGGACCAGAGAATTCGAATA CACACGCTCCNNNGATCGACATG	5441	TGCAGGACCAGAGAATTCGAATA CAAATAGATGNNNGATCGACATG	5681
TGCAGGACCAGAGAATTCGAATA CATCCTGTCANNNGATCGACATG	5202	TGCAGGACCAGAGAATTCGAATA CACCGAGGTCNNNGATCGACATG	5442	TGCAGGACCAGAGAATTCGAATA CATCGCGCTCNNNGATCGACATG	5682
TGCAGGACCAGAGAATTCGAATA CACCCTGCGTNNNGATCGACATG	5203	TGCAGGACCAGAGAATTCGAATA CACATTCAGGNNNGATCGACATG	5443	TGCAGGACCAGAGAATTCGAATA CAACCGACGCNNNGATCGACATG	5683
TGCAGGACCAGAGAATTCGAATA CAACAATGAANNNGATCGACATG	5204	TGCAGGACCAGAGAATTCGAATA CATCCATAGGNNNGATCGACATG	5444	TGCAGGACCAGAGAATTCGAATA CACACGGACCNNNGATCGACATG	5684
TGCAGGACCAGAGAATTCGAATA CAGGTGGAGCNNNGATCGACATG	5205	TGCAGGACCAGAGAATTCGAATA CATTACTCATNNNGATCGACATG	5445	TGCAGGACCAGAGAATTCGAATA CAATATCGATNNNGATCGACATG	5685
TGCAGGACCAGAGAATTCGAATA CAGGATAGACNNNGATCGACATG	5206	TGCAGGACCAGAGAATTCGAATA CAATCTGATANNNGATCGACATG	5446	TGCAGGACCAGAGAATTCGAATA CATACCACGANNNGATCGACATG	5686
TCCACCACCACACAATTCCAATA CAGAGTGCCCNNNGATCGACATG	5207	TCCACCACCACACAATTCCAATA CAGTCCACTTNNNGATCGACATG	5447	TCCACCACCACACAATTCCAATA CAAAGAACGCNNNGATCGACATG	5687
TGCAGGACCAGAGAATTCGAATA CAAAACGGTGNNNGATCGACATG	5208	TGCAGGACCAGAGAATTCGAATA CACAGGAACANNNGATCGACATG	5448	TGCAGGACCAGAGAATTCGAATA CAAGTACCTGNNNGATCGACATG	5688
TGCAGGACCAGAGAATTCGAATA CAAATAGCAANNNGATCGACATG	5209	TGCAGGACCAGAGAATTCGAATA CACTAGCTTCNNNGATCGACATG	5449	TGCAGGACCAGAGAATTCGAATA CAGTTTTAGANNNGATCGACATG	5689
TGCAGGACCAGAGAATTCGAATA CATCAATTGANNNGATCGACATG	5210	TGCAGGACCAGAGAATTCGAATA CATTTGGCGANNNGATCGACATG	5450	TGCAGGACCAGAGAATTCGAATA CAGGATTTTANNNGATCGACATG	5690
TGCAGGACCAGAGAATTCGAATA CAAGCAATGGNNNGATCGACATG	5211	TGCAGGACCAGAGAATTCGAATA CACCGGAAGGNNNGATCGACATG	5451	TGCAGGACCAGAGAATTCGAATA CATAGTATACNNNGATCGACATG	5691
TGCAGGACCAGAGAATTCGAATA CAGTAGTGAGNNNGATCGACATG	5212	TGCAGGACCAGAGAATTCGAATA CATCCCAACTNNNGATCGACATG	5452	TGCAGGACCAGAGAATTCGAATA CACGTATGGTNNNGATCGACATG	5692
TGCAGGACCAGAGAATTCGAATA CACACTGCGGNNNGATCGACATG	5213	TGCAGGACCAGAGAATTCGAATA CATTCACGGANNNGATCGACATG	5453	TGCAGGACCAGAGAATTCGAATA CATCCCGGCTNNNGATCGACATG	5693

FIG. 19F

Pool-22	SEQ ID NO:	Pool-23	SEQ ID NO:	Pool-24	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAACCGCTCCNNNGATCGACATG	5214	TGCAGGACCAGAGAATTCGAATA CAATTTTACCNNNGATCGACATG	5454	TGCAGGACCAGAGAATTCGAATA CAGCGCTCTCNNNGATCGACATG	5694
TGCAGGACCAGAGAATTCGAATA CACTAGGTTGNNNGATCGACATG	5215	TGCAGGACCAGAGAATTCGAATA CATGGAGTCTNNNGATCGACATG	5455	TGCAGGACCAGAGAATTCGAATA CACATTCCCANNNGATCGACATG	5695
TGCAGGACCAGAGAATTCGAATA CATAAAATAANNNGATCGACATG	5216	TGCAGGACCAGAGAATTCGAATA CACGACGACCNNNGATCGACATG	5456	TGCAGGACCAGAGAATTCGAATA CATCGCCCCANNNGATCGACATG	5696
TGCAGGACCAGAGAATTCGAATA CAGTCACGTANNNGATCGACATG	5217	TGCAGGACCAGAGAATTCGAATA CATCCCATACNNNGATCGACATG	5457	TGCAGGACCAGAGAATTCGAATA CATGCATTGGNNNGATCGACATG	5697
TGCAGGACCAGAGAATTCGAATA CAGGTTCGATNNNGATCGACATG	5218	TGCAGGACCAGAGAATTCGAATA CAGCCCTTATNNNGATCGACATG	5458	TGCAGGACCAGAGAATTCGAATA CAATCAGATTNNNGATCGACATG	5698
TGCAGGACCAGAGAATTCGAATA CACAATGGAGNNNGATCGACATG	5219	TGCAGGACCAGAGAATTCGAATA CAGTCCCGCTNNNGATCGACATG	5459	TGCAGGACCAGAGAATTCGAATA CACTTTTATGNNNGATCGACATG	5699
TGCAGGACCAGAGAATTCGAATA CACCGAGCGTNNNGATCGACATG	5220	TGCAGGACCAGAGAATTCGAATA CACGGCCCTTNNNGATCGACATG	5460	TGCAGGACCAGAGAATTCGAATA CAAAAGTCGGNNNGATCGACATG	5700
TGCAGGACCAGAGAATTCGAATA CACAAACGAGNNNGATCGACATG	5221	TGCAGGACCAGAGAATTCGAATA CATCAGCTTCNNNGATCGACATG	5461	TGCAGGACCAGAGAATTCGAATA CAACGAGTGANNNGATCGACATG	5701
TGCAGGACCAGAGAATTCGAATA CAGATATGTTNNNGATCGACATG	5222	TGCAGGACCAGAGAATTCGAATA CAGGCTCGGTNNNGATCGACATG	5462	TGCAGGACCAGAGAATTCGAATA CAGAAATTAGNNNGATCGACATG	5702
TGCAGGACCAGAGAATTCGAATA CAGTTCTGTCNNNGATCGACATG	5223	TGCAGGACCAGAGAATTCGAATA CAAAGTTCGCNNNGATCGACATG	5463	TGCAGGACCAGAGAATTCGAATA CAATTATCTCNNNGATCGACATG	5703
TGCAGGACCAGAGAATTCGAATA CATCTTTTCTNNNGATCGACATG	5224	TGCAGGACCAGAGAATTCGAATA CAAACGCCGCNNNGATCGACATG	5464	TGCAGGACCAGAGAATTCGAATA CAGCTCGGCANNNGATCGACATG	5704
TGCAGGACCAGAGAATTCGAATA CAAAAGACATNNNGATCGACATG	5225	TGCAGGACCAGAGAATTCGAATA CATTACTATCNNNGATCGACATG	5465	TGCAGGACCAGAGAATTCGAATA CAGTTAGAGGNNNGATCGACATG	5705
TGCAGGACCAGAGAATTCGAATA CAACCCATGANNNGATCGACATG	5226	TGCAGGACCAGAGAATTCGAATA CATTCAAGATNNNGATCGACATG	5466	TGCAGGACCAGAGAATTCGAATA CAACCAGCTANNNGATCGACATG	5706
TGCAGGACCAGAGAATTCGAATA CATCCTCACANNNGATCGACATG	5227	TGCAGGACCAGAGAATTCGAATA CACTCAGTTCNNNGATCGACATG	5467	TGCAGGACCAGAGAATTCGAATA CAGGAGTGCGNNNGATCGACATG	5707
TGCAGGACCAGAGAATTCGAATA CATTGAGGTCNNNGATCGACATG	5228	TGCAGGACCAGAGAATTCGAATA CAAAGAATTGNNNGATCGACATG	5468	TGCAGGACCAGAGAATTCGAATA CATCGATATANNNGATCGACATG	5708
TGCAGGACCAGAGAATTCGAATA CAGCGTACTANNNTGCATCAGGT	5229	TGCAGGACCAGAGAATTCGAATA CAGACTACCANNNTGCATCAGGT	5469	TGCAGGACCAGAGAATTCGAATA CAGCGCTAGCNNNTGCATCAGGT	5709
TGCAGGACCAGAGAATTCGAATA CAAGGTTAGGNNNTGCATCAGGT	5230	TGCAGGACCAGAGAATTCGAATA CACACGCTAANNNTGCATCAGGT	5470	TGCAGGACCAGAGAATTCGAATA CACTGATTAANNNTGCATCAGGT	5710
TGCAGGACCAGAGAATTCGAATA CACTCCACATNNNTGCATCAGGT	5231	TGCAGGACCAGAGAATTCGAATA CAAGTCATATNNNTGCATCAGGT	5471	TGCAGGACCAGAGAATTCGAATA CACACTTCACNNNTGCATCAGGT	5711
TGCAGGACCAGAGAATTCGAATA CACGATCTAGNNNTGCATCAGGT	5232	TGCAGGACCAGAGAATTCGAATA CATCTAGGACNNNTGCATCAGGT	5472	TGCAGGACCAGAGAATTCGAATA CATAGGCGTTNNNTGCATCAGGT	5712
TGCAGGACCAGAGAATTCGAATA CATCGATAATNNNTGCATCAGGT	5233	TGCAGGACCAGAGAATTCGAATA CAAGAACTTTNNNTGCATCAGGT	5473	TGCAGGACCAGAGAATTCGAATA CAATATGTCANNNTGCATCAGGT	5713
TGCAGGACCAGAGAATTCGAATA CACCACGAGCNNNTGCATCAGGT	5234	TGCAGGACCAGAGAATTCGAATA CAACCACTGANNNTGCATCAGGT	5474	TGCAGGACCAGAGAATTCGAATA CAGTCGATTGNNNTGCATCAGGT	5714
TGCAGGACCAGAGAATTCGAATA CAGTGGAATGNNNTGCATCAGGT	5235	TGCAGGACCAGAGAATTCGAATA CAACACGATCNNNTGCATCAGGT	5475	TGCAGGACCAGAGAATTCGAATA CAATAGAGCGNNNTGCATCAGGT	5715
TGCAGGACCAGAGAATTCGAATA CAAAAAATGCNNNTGCATCAGGT	5236	TGCAGGACCAGAGAATTCGAATA CAGTTACCAGNNNTGCATCAGGT	5476	TGCAGGACCAGAGAATTCGAATA CAGACTAAGGNNNTGCATCAGGT	5716
TGCAGGACCAGAGAATTCGAATA CAGACTAGTCNNNTGCATCAGGT	5237	TGCAGGACCAGAGAATTCGAATA CACGCTACCCNNNTGCATCAGGT	5477	TGCAGGACCAGAGAATTCGAATA CACCTACCTANNNTGCATCAGGT	5717
TGCAGGACCAGAGAATTCGAATA CACGTAGAAGNNNTGCATCAGGT	5238	TGCAGGACCAGAGAATTCGAATA CAAGAGGTACNNNTGCATCAGGT	5478	TGCAGGACCAGAGAATTCGAATA CATAGGAGACNNNTGCATCAGGT	5718
TGCAGGACCAGAGAATTCGAATA CAGTGTGAAGNNNTGCATCAGGT	5239	TGCAGGACCAGAGAATTCGAATA CAAATCTCTTNNNTGCATCAGGT	5479	TGCAGGACCAGAGAATTCGAATA CACCGTCATTNNNTGCATCAGGT	5719
TCCACCACCACACAATTCCAATA CAAAGTACTTNNNTGCATCAGGT	5240	TCCACCACCACACAATTCCAATA CAATATTTAANNNTGCATCAGGT	5480	TCCACCACCACACAATTCCAATA CAGTGTTCAGNNNTGCATCAGGT	5720
TGCAGGACCAGAGAATTCGAATA CACGAACGTTNNNTGCATCAGGT	5241	TGCAGGACCAGAGAATTCGAATA CATATCGAATNNNTGCATCAGGT	5481	TGCAGGACCAGAGAATTCGAATA CAAGCGGTTTNNNTGCATCAGGT	5721
TGCAGGACCAGAGAATTCGAATA CAATTGCTGGNNNTGCATCAGGT	5242	TGCAGGACCAGAGAATTCGAATA CAGCTAAATTNNNTGCATCAGGT	5482	TGCAGGACCAGAGAATTCGAATA CAAACTCTTTNNNTGCATCAGGT	5722
TGCAGGACCAGAGAATTCGAATA CATGTGTGTGNNNTGCATCAGGT	5243	TGCAGGACCAGAGAATTCGAATA CATTTCAGCCNNNTGCATCAGGT	5483	TGCAGGACCAGAGAATTCGAATA CATAACGTATNNNTGCATCAGGT	5723
TGCAGGACCAGAGAATTCGAATA CAACATCTTTNNNTGCATCAGGT	5244	TGCAGGACCAGAGAATTCGAATA CAGTTCACAGNNNTGCATCAGGT	5484	TGCAGGACCAGAGAATTCGAATA CAAAGGACTGNNNTGCATCAGGT	5724
TGCAGGACCAGAGAATTCGAATA CACGATGCTANNNTGCATCAGGT	5245	TGCAGGACCAGAGAATTCGAATA CAGCATTCCTNNNTGCATCAGGT	5485	TGCAGGACCAGAGAATTCGAATA CAAGGAGAAGNNNTGCATCAGGT	5725
TGCAGGACCAGAGAATTCGAATA CATAGTCCAGNNNTGCATCAGGT	5246	TGCAGGACCAGAGAATTCGAATA CATTACACCCNNNTGCATCAGGT	5486	TGCAGGACCAGAGAATTCGAATA CATCGAACGTNNNTGCATCAGGT	5726

FIG. 19G

Pool-22	SEQ ID NO:	Pool-23	SEQ ID NO:	Pool-24	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACAGTAATTNNNTGCATCAGGT	5247	TGCAGGACCAGAGAATTCGAATA CATATTTTATNNNTGCATCAGGT	5487	TGCAGGACCAGAGAATTCGAATA CACGGACATTNNNTGCATCAGGT	5727
TGCAGGACCAGAGAATTCGAATA CAAAGGTGGTNNNTGCATCAGGT	5248	TGCAGGACCAGAGAATTCGAATA CATGTCCGCCNNNTGCATCAGGT	5488	TGCAGGACCAGAGAATTCGAATA CATTCCGCATNNNTGCATCAGGT	5728
TGCAGGACCAGAGAATTCGAATA CACGGTGGTCNNNTGCATCAGGT	5249	TGCAGGACCAGAGAATTCGAATA CAAAACCCGTNNNTGCATCAGGT	5489	TGCAGGACCAGAGAATTCGAATA CACGCGGCTANNNTGCATCAGGT	5729
TGCAGGACCAGAGAATTCGAATA CAGTGGTTGTNNNTGCATCAGGT	5250	TGCAGGACCAGAGAATTCGAATA CAGTACCGATNNNTGCATCAGGT	5490	TGCAGGACCAGAGAATTCGAATA CAGTTTCTGCNNNTGCATCAGGT	5730
TGCAGGACCAGAGAATTCGAATA CATGTATTCTNNNTGCATCAGGT	5251	TGCAGGACCAGAGAATTCGAATA CACGCGTTCCNNNTGCATCAGGT	5491	TGCAGGACCAGAGAATTCGAATA CAAGACAGCANNNTGCATCAGGT	5731
TGCAGGACCAGAGAATTCGAATA CATAAGTCGCNNNTGCATCAGGT	5252	TGCAGGACCAGAGAATTCGAATA CACTCCAATCNNNTGCATCAGGT	5492	TGCAGGACCAGAGAATTCGAATA CAGACCCTCCNNNTGCATCAGGT	5732
TGCAGGACCAGAGAATTCGAATA CATAGGAGCANNNTGCATCAGGT	5253	TGCAGGACCAGAGAATTCGAATA CACCGCAGACNNNTGCATCAGGT	5493	TGCAGGACCAGAGAATTCGAATA CATACTCGCTNNNTGCATCAGGT	5733
TGCAGGACCAGAGAATTCGAATA CACATAAATCNNNTGCATCAGGT	5254	TGCAGGACCAGAGAATTCGAATA CACGCTTAGANNNTGCATCAGGT	5494	TGCAGGACCAGAGAATTCGAATA CATTCGTATTNNNTGCATCAGGT	5734
TGCAGGACCAGAGAATTCGAATA CAAGCTGTACNNNTGCATCAGGT	5255	TGCAGGACCAGAGAATTCGAATA CAGAAAAGCCNNNTGCATCAGGT	5495	TGCAGGACCAGAGAATTCGAATA CATACTTAAGNNNTGCATCAGGT	5735
TGCAGGACCAGAGAATTCGAATA CATTGCGCTTNNNTGCATCAGGT	5256	TGCAGGACCAGAGAATTCGAATA CACTCATCCANNNTGCATCAGGT	5496	TGCAGGACCAGAGAATTCGAATA CAGACTACGTNNNTGCATCAGGT	5736
TGCAGGACCAGAGAATTCGAATA CAAGGCGTGGNNNTGCATCAGGT	5257	TGCAGGACCAGAGAATTCGAATA CAAAGAGTATNNNTGCATCAGGT	5497	TGCAGGACCAGAGAATTCGAATA CAACGAGTCTNNNTGCATCAGGT	5737
TGCAGGACCAGAGAATTCGAATA CAGTCTAGGTNNNTGCATCAGGT	5258	TGCAGGACCAGAGAATTCGAATA CAAATTGTCANNNTGCATCAGGT	5498	TGCAGGACCAGAGAATTCGAATA CAGATCGTTGNNNTGCATCAGGT	5738
TGCAGGACCAGAGAATTCGAATA CATCCGTAAGNNNTGCATCAGGT	5259	TGCAGGACCAGAGAATTCGAATA CAATAATACCNNNTGCATCAGGT	5499	TGCAGGACCAGAGAATTCGAATA CAGATGGACANNNTGCATCAGGT	5739
TGCAGGACCAGAGAATTCGAATA CATATCGGCANNNTGCATCAGGT	5260	TGCAGGACCAGAGAATTCGAATA CAAATTTTGGNNNTGCATCAGGT	5500	TGCAGGACCAGAGAATTCGAATA CATCGTAGTGNNNTGCATCAGGT	5740
TGCAGGACCAGAGAATTCGAATA CAATCATCGGNNNTGCATCAGGT	5261	TGCAGGACCAGAGAATTCGAATA CAGCACAGTTNNNTGCATCAGGT	5501	TGCAGGACCAGAGAATTCGAATA CACCACATCTNNNTGCATCAGGT	5741
TGCAGGACCAGAGAATTCGAATA CAACGTCTGANNNTGCATCAGGT	5262	TGCAGGACCAGAGAATTCGAATA CATTAAACCANNNTGCATCAGGT	5502	TGCAGGACCAGAGAATTCGAATA CAGTGCTACANNNTGCATCAGGT	5742
TGCAGGACCAGAGAATTCGAATA CAACGGTACTNNNTGCATCAGGT	5263	TGCAGGACCAGAGAATTCGAATA CAATGGAGACNNNTGCATCAGGT	5503	TGCAGGACCAGAGAATTCGAATA CATTCTTCAANNNTGCATCAGGT	5743
TGCAGGACCAGAGAATTCGAATA CATGCAAGGANNNTGCATCAGGT	5264	TGCAGGACCAGAGAATTCGAATA CAAAAGACGCNNNTGCATCAGGT	5504	TGCAGGACCAGAGAATTCGAATA CATTACAGTANNNTGCATCAGGT	5744
TGCAGGACCAGAGAATTCGAATA CAAGACTCACNNNTGCATCAGGT	5265	TGCAGGACCAGAGAATTCGAATA CAATCCGAACNNNTGCATCAGGT	5505	TGCAGGACCAGAGAATTCGAATA CAAGACGCGGNNNTGCATCAGGT	5745
TGCAGGACCAGAGAATTCGAATA CACAATCAGCNNNTGCATCAGGT	5266	TGCAGGACCAGAGAATTCGAATA CAGTTAGGAGNNNTGCATCAGGT	5506	TGCAGGACCAGAGAATTCGAATA CAGGAGCTCCNNNTGCATCAGGT	5746
TGCAGGACCAGAGAATTCGAATA CATGGCTGTANNNTGCATCAGGT	5267	TGCAGGACCAGAGAATTCGAATA CATGGCCAGCNNNTGCATCAGGT	5507	TGCAGGACCAGAGAATTCGAATA CAATTAACCANNNTGCATCAGGT	5747
TGCAGGACCAGAGAATTCGAATA CAGTTTACCCNNNTGCATCAGGT	5268	TGCAGGACCAGAGAATTCGAATA CAATGTGCACNNNTGCATCAGGT	5508	TGCAGGACCAGAGAATTCGAATA CAATCGAGCTNNNTGCATCAGGT	5748
TGCAGGACCAGAGAATTCGAATA CACGTCAGTANNNTGCATCAGGT	5269	TGCAGGACCAGAGAATTCGAATA CAGTACAACCNNNTGCATCAGGT	5509	TGCAGGACCAGAGAATTCGAATA CAGGAAACGTNNNTGCATCAGGT	5749
TGCAGGACCAGAGAATTCGAATA CACGACGGAGNNNTGCATCAGGT	5270	TGCAGGACCAGAGAATTCGAATA CAGTGGCGAGNNNTGCATCAGGT	5510	TGCAGGACCAGAGAATTCGAATA CATGAAGAGCNNNTGCATCAGGT	5750
TGCAGGACCAGAGAATTCGAATA CAATATGCGCNNNTGCATCAGGT	5271	TGCAGGACCAGAGAATTCGAATA CAAGCTCTCTNNNTGCATCAGGT	5511	TGCAGGACCAGAGAATTCGAATA CAATCCGGATNNNTGCATCAGGT	5751
TGCAGGACCAGAGAATTCGAATA CAGCTGGCCANNNTGCATCAGGT	5272	TGCAGGACCAGAGAATTCGAATA CAACCTCTTGNNNTGCATCAGGT	5512	TGCAGGACCAGAGAATTCGAATA CAGTTGTCTCNNNTGCATCAGGT	5752
TCCACCACCACACAATTCCAATA CACGCGTCTCNNNTGCATCAGGT	5273	TCCACCACCACACAATTCCAATA CATCAGCGTANNNTGCATCAGGT	5513	TCCACCACCACACAATTCCAATA CATGGATAGGNNNTGCATCAGGT	5753
TGCAGGACCAGAGAATTCGAATA CAATAAGTGANNNTGCATCAGGT	5274	TGCAGGACCAGAGAATTCGAATA CATCAGACGTNNNTGCATCAGGT	5514	TGCAGGACCAGAGAATTCGAATA CAAAACCAGGNNNTGCATCAGGT	5754
TGCAGGACCAGAGAATTCGAATA CAGACAGTCTNNNTGCATCAGGT	5275	TGCAGGACCAGAGAATTCGAATA CATATAGATCNNNTGCATCAGGT	5515	TGCAGGACCAGAGAATTCGAATA CACGGCGACTNNNTGCATCAGGT	5755
TGCAGGACCAGAGAATTCGAATA CAGCAAGGTANNNTGCATCAGGT	5276	TGCAGGACCAGAGAATTCGAATA CAACCCGCCTNNNTGCATCAGGT	5516	TGCAGGACCAGAGAATTCGAATA CATTATCGCCNNNTGCATCAGGT	5756
TGCAGGACCAGAGAATTCGAATA CACACGAACTNNNTGCATCAGGT	5277	TGCAGGACCAGAGAATTCGAATA CAGCAGGATANNNTGCATCAGGT	5517	TGCAGGACCAGAGAATTCGAATA CAAGCCACATNNNTGCATCAGGT	5757
TGCAGGACCAGAGAATTCGAATA CATACACTGGNNNTGCATCAGGT	5278	TGCAGGACCAGAGAATTCGAATA CAAGAATGCGNNNTGCATCAGGT	5518	TGCAGGACCAGAGAATTCGAATA CATGCTCATCNNNTGCATCAGGT	5758
TGCAGGACCAGAGAATTCGAATA CAATTTCGTTNNNTGCATCAGGT	5279	TGCAGGACCAGAGAATTCGAATA CAACAAGTGGNNNTGCATCAGGT	5519	TGCAGGACCAGAGAATTCGAATA CAGCTGGAGGNNNTGCATCAGGT	5759

FIG. 19H

Pool-22	SEQ ID NO:	Pool-23	SEQ ID NO:	Pool-24	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATCTGCGCCNNNTGCATCAGGT	5280	TGCAGGACCAGAGAATTCGAATA CAGTCCGGCANNNTGCATCAGGT	5520	TGCAGGACCAGAGAATTCGAATA CAAAAGATGTNNNTGCATCAGGT	5760
TGCAGGACCAGAGAATTCGAATA CACGAGCTATNNNTGCATCAGGT	5281	TGCAGGACCAGAGAATTCGAATA CAGCCCTGAGNNNTGCATCAGGT	5521	TGCAGGACCAGAGAATTCGAATA CATCAGAAAANNNTGCATCAGGT	5761
TGCAGGACCAGAGAATTCGAATA CAACGCCATANNNTGCATCAGGT	5282	TGCAGGACCAGAGAATTCGAATA CAAACTATGTNNNTGCATCAGGT	5522	TGCAGGACCAGAGAATTCGAATA CAGTCCTGAANNNTGCATCAGGT	5762
TGCAGGACCAGAGAATTCGAATA CATCCTCTGANNNTGCATCAGGT	5283	TGCAGGACCAGAGAATTCGAATA CATCTGATCCNNNTGCATCAGGT	5523	TGCAGGACCAGAGAATTCGAATA CAGCTAGGCCNNNTGCATCAGGT	5763
TGCAGGACCAGAGAATTCGAATA CAAATTCTAGNNNTGCATCAGGT	5284	TGCAGGACCAGAGAATTCGAATA CATAATAGAGNNNTGCATCAGGT	5524	TGCAGGACCAGAGAATTCGAATA CACTCCTGTANNNTGCATCAGGT	5764
TGCAGGACCAGAGAATTCGAATA CACCTCAGCCNNNTGCATCAGGT	5285	TGCAGGACCAGAGAATTCGAATA CAGGCCGTTGNNNTGCATCAGGT	5525	TGCAGGACCAGAGAATTCGAATA CATTGATCAANNNTGCATCAGGT	5765
TGCAGGACCAGAGAATTCGAATA CAACCCCGGANNNTGCATCAGGT	5286	TGCAGGACCAGAGAATTCGAATA CACAACAAGGNNNTGCATCAGGT	5526	TGCAGGACCAGAGAATTCGAATA CACTGTTCGTNNNTGCATCAGGT	5766
TGCAGGACCAGAGAATTCGAATA CAGTGATAGGNNNTGCATCAGGT	5287	TGCAGGACCAGAGAATTCGAATA CACCCTGAAANNNTGCATCAGGT	5527	TGCAGGACCAGAGAATTCGAATA CATCTTATCANNNTGCATCAGGT	5767
TGCAGGACCAGAGAATTCGAATA CATTGAATTGNNNTGCATCAGGT	5288	TGCAGGACCAGAGAATTCGAATA CACTGCTGTTNNNTGCATCAGGT	5528	TGCAGGACCAGAGAATTCGAATA CATACTGGCANNNTGCATCAGGT	5768

FIG. 20A

Pool-25	SEQ ID NO:	Pool-26	SEQ ID NO:	Pool-27	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAC GCGACGTNNNACGTATGCCA	5769	TGCAGGACCAGAGAATTCGAATACAC TCTGCTANNNACGTATGCCA	6009	TGCAGGACCAGAGAATTCGAATACAT GTACGCANNNACGTATGCCA	6249
TGCAGGACCAGAGAATTCGAATACAC CGATCAANNNACGTATGCCA	5770	TGCAGGACCAGAGAATTCGAATACAT TACATGANNNACGTATGCCA	6010	TGCAGGACCAGAGAATTCGAATACAG ATGTGTCNNNACGTATGCCA	6250
TGCAGGACCAGAGAATTCGAATACAG GCAATCTNNNACGTATGCCA	5771	TGCAGGACCAGAGAATTCGAATACAC GAGGATANNNACGTATGCCA	6011	TGCAGGACCAGAGAATTCGAATACAC TAGACTGNNNACGTATGCCA	6251
TGCAGGACCAGAGAATTCGAATACAC TAGGAGANNNACGTATGCCA	5772	TGCAGGACCAGAGAATTCGAATACAC GACATGTNNNACGTATGCCA	6012	TGCAGGACCAGAGAATTCGAATACAG ATCGTGTNNNACGTATGCCA	6252
TGCAGGACCAGAGAATTCGAATACAT TGATAACNNNACGTATGCCA	5773	TGCAGGACCAGAGAATTCGAATACAC CTTGAAGNNNACGTATGCCA	6013	TGCAGGACCAGAGAATTCGAATACAT TATCTCANNNACGTATGCCA	6253
TGCAGGACCAGAGAATTCGAATACAG AGTACTCNNNACGTATGCCA	5774	TGCAGGACCAGAGAATTCGAATACAC AACGATCNNNACGTATGCCA	6014	TGCAGGACCAGAGAATTCGAATACAA ACCCTAGNNNACGTATGCCA	6254
TGCAGGACCAGAGAATTCGAATACAA TGCCGCGNNNACGTATGCCA	5775	TGCAGGACCAGAGAATTCGAATACAG ACTAGAGNNNACGTATGCCA	6015	TGCAGGACCAGAGAATTCGAATACAT ATCATAGNNNACGTATGCCA	6255
TGCAGGACCAGAGAATTCGAATACAA AATAGCANNNACGTATGCCA	5776	TGCAGGACCAGAGAATTCGAATACAC TGCAGTANNNACGTATGCCA	6016	TGCAGGACCAGAGAATTCGAATACAC GTTCGTTNNNACGTATGCCA	6256
TGCAGGACCAGAGAATTCGAATACAA TCAGACCNNNACGTATGCCA	5777	TGCAGGACCAGAGAATTCGAATACAA TGTGACCNNNACGTATGCCA	6017	TGCAGGACCAGAGAATTCGAATACAA TACAAAGNNNACGTATGCCA	6257
TGCAGGACCAGAGAATTCGAATACAG GTGCGTCNNNACGTATGCCA	5778	TGCAGGACCAGAGAATTCGAATACAA CGAATTTNNNACGTATGCCA	6018	TGCAGGACCAGAGAATTCGAATACAG TCCTCATNNNACGTATGCCA	6258
TGCAGGACCAGAGAATTCGAATACAT CTTTCCCNNNACGTATGCCA	5779	TGCAGGACCAGAGAATTCGAATACAA TTGTTTCNNNACGTATGCCA	6019	TGCAGGACCAGAGAATTCGAATACAA GTAGCAGNNNACGTATGCCA	6259
TGCAGGACCAGAGAATTCGAATACAA AATTCCANNNACGTATGCCA	5780	TGCAGGACCAGAGAATTCGAATACAC GCCGTGANNNACGTATGCCA	6020	TGCAGGACCAGAGAATTCGAATACAG AAAACATNNNACGTATGCCA	6260
TGCAGGACCAGAGAATTCGAATACAA ATGTGCCNNNACGTATGCCA	5781	TGCAGGACCAGAGAATTCGAATACAC ACTCAAGNNNACGTATGCCA	6021	TGCAGGACCAGAGAATTCGAATACAT TCGCCTANNNACGTATGCCA	6261
TGCAGGACCAGAGAATTCGAATACAC ACATGACNNNACGTATGCCA	5782	TGCAGGACCAGAGAATTCGAATACAA GCAATCCNNNACGTATGCCA	6022	TGCAGGACCAGAGAATTCGAATACAA GAGTTGGNNNACGTATGCCA	6262
TGCAGGACCAGAGAATTCGAATACAG ACCTGGCNNNACGTATGCCA	5783	TGCAGGACCAGAGAATTCGAATACAT CCATTATNNNACGTATGCCA	6023	TGCAGGACCAGAGAATTCGAATACAC AATATTGNNNACGTATGCCA	6263
TGCAGGACCAGAGAATTCGAATACAC CAAAATTNNNACGTATGCCA	5784	TGCAGGACCAGAGAATTCGAATACAA ATTGCTANNNACGTATGCCA	6024	TGCAGGACCAGAGAATTCGAATACAA AACCTCGNNNACGTATGCCA	6264
TGCAGGACCAGAGAATTCGAATACAA TTGTCCCNNNACGTATGCCA	5785	TGCAGGACCAGAGAATTCGAATACAC GATCCAANNNACGTATGCCA	6025	TGCAGGACCAGAGAATTCGAATACAA GTTAATCNNNACGTATGCCA	6265
TGCAGGACCAGAGAATTCGAATACAC GTCGACGNNNACGTATGCCA	5786	TGCAGGACCAGAGAATTCGAATACAC TCGGTGGNNNACGTATGCCA	6026	TGCAGGACCAGAGAATTCGAATACAG ACTCTAGNNNACGTATGCCA	6266
TGCAGGACCAGAGAATTCGAATACAC CCGCTCANNNACGTATGCCA	5787	TGCAGGACCAGAGAATTCGAATACAG AGATTAANNNACGTATGCCA	6027	TGCAGGACCAGAGAATTCGAATACAA GGAAAAANNNACGTATGCCA	6267
TGCAGGACCAGAGAATTCGAATACAA TGGACTCNNNACGTATGCCA	5788	TGCAGGACCAGAGAATTCGAATACAA TCAGGCTNNNACGTATGCCA	6028	TGCAGGACCAGAGAATTCGAATACAT GACTAGCNNNACGTATGCCA	6268
TGCAGGACCAGAGAATTCGAATACAT TGTAACANNNACGTATGCCA	5789	TGCAGGACCAGAGAATTCGAATACAG CGGCCCGNNNACGTATGCCA	6029	TGCAGGACCAGAGAATTCGAATACAC ATCGTAGNNNACGTATGCCA	6269
TGCAGGACCAGAGAATTCGAATACAG TTTACTTNNNACGTATGCCA	5790	TGCAGGACCAGAGAATTCGAATACAT TTAAATANNNACGTATGCCA	6030	TGCAGGACCAGAGAATTCGAATACAA GGTGTTCNNNACGTATGCCA	6270
TGCAGGACCAGAGAATTCGAATACAT GGATAAANNNACGTATGCCA	5791	TGCAGGACCAGAGAATTCGAATACAC ATGGCGCNNNACGTATGCCA	6031	TGCAGGACCAGAGAATTCGAATACAG CCATTAGNNNACGTATGCCA	6271
TGCAGGACCAGAGAATTCGAATACAA TCCTTCGNNNACGTATGCCA	5792	TGCAGGACCAGAGAATTCGAATACAT CGGTTAGNNNACGTATGCCA	6032	TGCAGGACCAGAGAATTCGAATACAC GTTCTGTNNNACGTATGCCA	6272
TGCAGGACCAGAGAATTCGAATACAC GCATACANNNACGTATGCCA	5793	TGCAGGACCAGAGAATTCGAATACAC GCCTGGANNNACGTATGCCA	6033	TGCAGGACCAGAGAATTCGAATACAT CCGCCTGNNNACGTATGCCA	6273
TGCAGGACCAGAGAATTCGAATACAA CACCGATNNNACGTATGCCA	5794	TGCAGGACCAGAGAATTCGAATACAT TCCTGTGNNNACGTATGCCA	6034	TGCAGGACCAGAGAATTCGAATACAC CTACACTNNNACGTATGCCA	6274
TGCAGGACCAGAGAATTCGAATACAA TTGCTCCNNNACGTATGCCA	5795	TGCAGGACCAGAGAATTCGAATACAG GCGCCTANNNACGTATGCCA	6035	TGCAGGACCAGAGAATTCGAATACAA GAAGATTNNNACGTATGCCA	6275
TGCAGGACCAGAGAATTCGAATACAA TCTTCTANNNACGTATGCCA	5796	TGCAGGACCAGAGAATTCGAATACAC CCGGCGGNNNACGTATGCCA	6036	TGCAGGACCAGAGAATTCGAATACAA GTCCTTCNNNACGTATGCCA	6276
TGCAGGACCAGAGAATTCGAATACAT CGAAATTNNNACGTATGCCA	5797	TGCAGGACCAGAGAATTCGAATACAA TTCGGCANNNACGTATGCCA	6037	TGCAGGACCAGAGAATTCGAATACAG CATTATANNNACGTATGCCA	6277
TGCAGGACCAGAGAATTCGAATACAC AAGTCACNNNACGTATGCCA	5798	TGCAGGACCAGAGAATTCGAATACAC AAATGAANNNACGTATGCCA	6038	TGCAGGACCAGAGAATTCGAATACAG TGGCATTNNNACGTATGCCA	6278
TGCAGGACCAGAGAATTCGAATACAT GACCCGGNNNACGTATGCCA	5799	TGCAGGACCAGAGAATTCGAATACAT AGGATGGNNNACGTATGCCA	6039	TGCAGGACCAGAGAATTCGAATACAA ACGTCACNNNACGTATGCCA	6279
TGCAGGACCAGAGAATTCGAATACAA GCTGCCGNNNACGTATGCCA	5800	TGCAGGACCAGAGAATTCGAATACAT TGGACGTNNNACGTATGCCA	6040	TGCAGGACCAGAGAATTCGAATACAG TTAACTANNNACGTATGCCA	6280

FIG. 20B

Pool-25	SEQ ID NO:	Pool-26	SEQ ID NO:	Pool-27	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAT CACTCGTNNNACGTATGCCA	5801	TGCAGGACCAGAGAATTCGAATACAT CGTGAGTNNNACGTATGCCA	6041	TGCAGGACCAGAGAATTCGAATACAT AAAGATGNNNACGTATGCCA	6281
TGCAGGACCAGAGAATTCGAATACAG TTACCGANNNACGTATGCCA	5802	TGCAGGACCAGAGAATTCGAATACAG GAACTTCNNNACGTATGCCA	6042	TGCAGGACCAGAGAATTCGAATACAA ATTTCCTNNNACGTATGCCA	6282
TGCAGGACCAGAGAATTCGAATACAC TTAGATANNNACGTATGCCA	5803	TGCAGGACCAGAGAATTCGAATACAA TGTGCCANNNACGTATGCCA	6043	TGCAGGACCAGAGAATTCGAATACAC GGCAAAANNNACGTATGCCA	6283
TGCAGGACCAGAGAATTCGAATACAA GGCTAGANNNACGTATGCCA	5804	TGCAGGACCAGAGAATTCGAATACAC CGGTGCANNNACGTATGCCA	6044	TGCAGGACCAGAGAATTCGAATACAT CGCACAANNNACGTATGCCA	6284
TGCAGGACCAGAGAATTCGAATACAT CACAGGTNNNACGTATGCCA	5805	TGCAGGACCAGAGAATTCGAATACAC TATTGCCNNNACGTATGCCA	6045	TGCAGGACCAGAGAATTCGAATACAA GGTCGCCNNNACGTATGCCA	6285
TGCAGGACCAGAGAATTCGAATACAG ATATTTGNNNACGTATGCCA	5806	TGCAGGACCAGAGAATTCGAATACAT TAAGGCCNNNACGTATGCCA	6046	TGCAGGACCAGAGAATTCGAATACAG GATTCGTNNNACGTATGCCA	6286
TGCAGGACCAGAGAATTCGAATACAT TGTGTTTNNNACGTATGCCA	5807	TGCAGGACCAGAGAATTCGAATACAT GTTAAACNNNACGTATGCCA	6047	TGCAGGACCAGAGAATTCGAATACAA GCATCTGNNNACGTATGCCA	6287
TGCAGGACCAGAGAATTCGAATACAG AAAAAAGNNNACGTATGCCA	5808	TGCAGGACCAGAGAATTCGAATACAC TTGGTTCNNNACGTATGCCA	6048	TGCAGGACCAGAGAATTCGAATACAC CCACAAANNNACGTATGCCA	6288
TGCAGGACCAGAGAATTCGAATACAG GCATGTTNNNACGTATGCCA	5809	TGCAGGACCAGAGAATTCGAATACAG GTAATTTNNNACGTATGCCA	6049	TGCAGGACCAGAGAATTCGAATACAA GTTATACNNNACGTATGCCA	6289
TGCAGGACCAGAGAATTCGAATACAG GCTTTTCNNNACGTATGCCA	5810	TGCAGGACCAGAGAATTCGAATACAA TTATCAGNNNACGTATGCCA	6050	TGCAGGACCAGAGAATTCGAATACAT CTATCATNNNACGTATGCCA	6290
TGCAGGACCAGAGAATTCGAATACAA CTAATACNNNACGTATGCCA	5811	TGCAGGACCAGAGAATTCGAATACAT GCGTTCTNNNACGTATGCCA	6051	TGCAGGACCAGAGAATTCGAATACAC GGCTCTCNNNACGTATGCCA	6291
TGCAGGACCAGAGAATTCGAATACAG TAGCCCGNNNACGTATGCCA	5812	TGCAGGACCAGAGAATTCGAATACAT GATCCAGNNNACGTATGCCA	6052	TGCAGGACCAGAGAATTCGAATACAG TGATTATNNNACGTATGCCA	6292
TGCAGGACCAGAGAATTCGAATACAT AACGTCGNNNACGTATGCCA	5813	TGCAGGACCAGAGAATTCGAATACAC AGTTCAGNNNACGTATGCCA	6053	TGCAGGACCAGAGAATTCGAATACAT AGACTCGNNNACGTATGCCA	6293
TGCAGGACCAGAGAATTCGAATACAT TTCAAGANNNACGTATGCCA	5814	TGCAGGACCAGAGAATTCGAATACAT GCGACATNNNACGTATGCCA	6054	TGCAGGACCAGAGAATTCGAATACAA ACGTTTANNNACGTATGCCA	6294
TGCAGGACCAGAGAATTCGAATACAC ACAAGAGNNNACGTATGCCA	5815	TGCAGGACCAGAGAATTCGAATACAA GCAGTAGNNNACGTATGCCA	6055	TGCAGGACCAGAGAATTCGAATACAA AGTAAGTNNNACGTATGCCA	6295
TGCAGGACCAGAGAATTCGAATACAC CCGTTTANNNACGTATGCCA	5816	TGCAGGACCAGAGAATTCGAATACAT TAGTGATNNNACGTATGCCA	6056	TGCAGGACCAGAGAATTCGAATACAA TGTTAACNNNACGTATGCCA	6296
TGCAGGACCAGAGAATTCGAATACAG TTAAGAANNNACGTATGCCA	5817	TGCAGGACCAGAGAATTCGAATACAC ACATTAANNNACGTATGCCA	6057	TGCAGGACCAGAGAATTCGAATACAT AATCACANNNACGTATGCCA	6297
TGCAGGACCAGAGAATTCGAATACAG AACCTACNNNACGTATGCCA	5818	TGCAGGACCAGAGAATTCGAATACAA GGTGCCCNNNACGTATGCCA	6058	TGCAGGACCAGAGAATTCGAATACAC ATGCTTCNNNACGTATGCCA	6298
TGCAGGACCAGAGAATTCGAATACAA GCGACTTNNNACGTATGCCA	5819	TGCAGGACCAGAGAATTCGAATACAA CCTGGCGNNNACGTATGCCA	6059	TGCAGGACCAGAGAATTCGAATACAA GCATTATNNNACGTATGCCA	6299
TGCAGGACCAGAGAATTCGAATACAC GCACTAANNNACGTATGCCA	5820	TGCAGGACCAGAGAATTCGAATACAC GGCGATCNNNACGTATGCCA	6060	TGCAGGACCAGAGAATTCGAATACAA GGCATAGNNNACGTATGCCA	6300
TGCAGGACCAGAGAATTCGAATACAG GTGTTCANNNACGTATGCCA	5821	TGCAGGACCAGAGAATTCGAATACAT AGACCTGNNNACGTATGCCA	6061	TGCAGGACCAGAGAATTCGAATACAC ATACGCANNNACGTATGCCA	6301
TGCAGGACCAGAGAATTCGAATACAC TTTTCAANNNACGTATGCCA	5822	TGCAGGACCAGAGAATTCGAATACAA GACTACCNNNACGTATGCCA	6062	TGCAGGACCAGAGAATTCGAATACAA GACCCGCNNNACGTATGCCA	6302
TGCAGGACCAGAGAATTCGAATACAG ATTCATANNNACGTATGCCA	5823	TGCAGGACCAGAGAATTCGAATACAC TTAGACGNNNACGTATGCCA	6063	TGCAGGACCAGAGAATTCGAATACAT TCCCTAGNNNACGTATGCCA	6303
TGCAGGACCAGAGAATTCGAATACAT TGACGACNNNACGTATGCCA	5824	TGCAGGACCAGAGAATTCGAATACAC GGCGGCCNNNACGTATGCCA	6064	TGCAGGACCAGAGAATTCGAATACAA GTGTGCTNNNACGTATGCCA	6304
TGCAGGACCAGAGAATTCGAATACAC CTTGTACNNNACGTATGCCA	5825	TGCAGGACCAGAGAATTCGAATACAG CCGATATNNNACGTATGCCA	6065	TGCAGGACCAGAGAATTCGAATACAC CTGTACTNNNACGTATGCCA	6305
TGCAGGACCAGAGAATTCGAATACAG GTGCGGANNNACGTATGCCA	5826	TGCAGGACCAGAGAATTCGAATACAC CCGGCCCNNNACGTATGCCA	6066	TGCAGGACCAGAGAATTCGAATACAC ACACCCCNNNACGTATGCCA	6306
TGCAGGACCAGAGAATTCGAATACAT CATGAATNNNACGTATGCCA	5827	TGCAGGACCAGAGAATTCGAATACAC CTCGCTGNNNACGTATGCCA	6067	TGCAGGACCAGAGAATTCGAATACAT TTGGTGGNNNACGTATGCCA	6307
TGCAGGACCAGAGAATTCGAATACAG CGAAAGTNNNACGTATGCCA	5828	TGCAGGACCAGAGAATTCGAATACAC AGCCATANNNACGTATGCCA	6068	TGCAGGACCAGAGAATTCGAATACAG TTAGCCANNNACGTATGCCA	6308
TGCAGGACCAGAGAATTCGAATACAA AAATAATNNNCTAGCGTTAC	5829	TGCAGGACCAGAGAATTCGAATACAA ATGGAGCNNNCTAGCGTTAC	6069	TGCAGGACCAGAGAATTCGAATACAA CGACACTNNNCTAGCGTTAC	6309
TGCAGGACCAGAGAATTCGAATACAT TCGTGTCNNNCTAGCGTTAC	5830	TGCAGGACCAGAGAATTCGAATACAT CACAGACNNNCTAGCGTTAC	6070	TGCAGGACCAGAGAATTCGAATACAG CATGACTNNNCTAGCGTTAC	6310
TGCAGGACCAGAGAATTCGAATACAT CGTCTTGNNNCTAGCGTTAC	5831	TGCAGGACCAGAGAATTCGAATACAT CCGTCCGNNNCTAGCGTTAC	6071	TGCAGGACCAGAGAATTCGAATACAT AGTTGTANNNCTAGCGTTAC	6311
TGCAGGACCAGAGAATTCGAATACAG ACTGTGTNNNCTAGCGTTAC	5832	TGCAGGACCAGAGAATTCGAATACAG AATGGACNNNCTAGCGTTAC	6072	TGCAGGACCAGAGAATTCGAATACAC CTGTTCANNNCTAGCGTTAC	6312
TGCAGGACCAGAGAATTCGAATACAC CATTGGANNNCTAGCGTTAC	5833	TGCAGGACCAGAGAATTCGAATACAG TGCTCAANNNCTAGCGTTAC	6073	TGCAGGACCAGAGAATTCGAATACAC TGAGTCANNNCTAGCGTTAC	6313

FIG. 20C

Pool-25	SEQ ID NO:	Pool-26	SEQ ID NO:	Pool-27	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAC ACAGCGCNNNCTAGCGTTAC	5834	TGCAGGACCAGAGAATTCGAATACAT GTTCGGANNNCTAGCGTTAC	6074	TGCAGGACCAGAGAATTCGAATACAT CATCTTANNNCTAGCGTTAC	6314
TGCAGGACCAGAGAATTCGAATACAA CCCCGTCNNNCTAGCGTTAC	5835	TGCAGGACCAGAGAATTCGAATACAC TGCGTGGNNNCTAGCGTTAC	6075	TGCAGGACCAGAGAATTCGAATACAC ACATTTTNNNCTAGCGTTAC	6315
TGCAGGACCAGAGAATTCGAATACAT CACCTTGNNNCTAGCGTTAC	5836	TGCAGGACCAGAGAATTCGAATACAA CCGTCAANNNCTAGCGTTAC	6076	TGCAGGACCAGAGAATTCGAATACAG CCACATANNNCTAGCGTTAC	6316
TGCAGGACCAGAGAATTCGAATACAA GTACCACNNNCTAGCGTTAC	5837	TGCAGGACCAGAGAATTCGAATACAG GTAACGANNNCTAGCGTTAC	6077	TGCAGGACCAGAGAATTCGAATACAT AAACAGANNNCTAGCGTTAC	6317
TGCAGGACCAGAGAATTCGAATACAA CAAATGANNNCTAGCGTTAC	5838	TGCAGGACCAGAGAATTCGAATACAA TCCGAGTNNNCTAGCGTTAC	6078	TGCAGGACCAGAGAATTCGAATACAG GTACCATNNNCTAGCGTTAC	6318
TGCAGGACCAGAGAATTCGAATACAA TTGTTGANNNCTAGCGTTAC	5839	TGCAGGACCAGAGAATTCGAATACAA CCAACCANNNCTAGCGTTAC	6079	TGCAGGACCAGAGAATTCGAATACAA GAAAAAGNNNCTAGCGTTAC	6319
TGCAGGACCAGAGAATTCGAATACAA CGGAAACNNNCTAGCGTTAC	5840	TGCAGGACCAGAGAATTCGAATACAC AGTATATNNNCTAGCGTTAC	6080	TGCAGGACCAGAGAATTCGAATACAG CTCTCATNNNCTAGCGTTAC	6320
TGCAGGACCAGAGAATTCGAATACAG AGAACGTNNNCTAGCGTTAC	5841	TGCAGGACCAGAGAATTCGAATACAT CCGATAGNNNCTAGCGTTAC	6081	TGCAGGACCAGAGAATTCGAATACAA GGCACAANNNCTAGCGTTAC	6321
TGCAGGACCAGAGAATTCGAATACAT ACCATGGNNNCTAGCGTTAC	5842	TGCAGGACCAGAGAATTCGAATACAT TAGTATGNNNCTAGCGTTAC	6082	TGCAGGACCAGAGAATTCGAATACAG CGATGAANNNCTAGCGTTAC	6322
TGCAGGACCAGAGAATTCGAATACAC AAAACGGNNNCTAGCGTTAC	5843	TGCAGGACCAGAGAATTCGAATACAA CATTCAANNNCTAGCGTTAC	6083	TGCAGGACCAGAGAATTCGAATACAT CACTTATNNNCTAGCGTTAC	6323
TGCAGGACCAGAGAATTCGAATACAT AGTGAGGNNNCTAGCGTTAC	5844	TGCAGGACCAGAGAATTCGAATACAG TACTGACNNNCTAGCGTTAC	6084	TGCAGGACCAGAGAATTCGAATACAT AGGCCGCNNNCTAGCGTTAC	6324
TGCAGGACCAGAGAATTCGAATACAC GTGATACNNNCTAGCGTTAC	5845	TGCAGGACCAGAGAATTCGAATACAC CTCATTGNNNCTAGCGTTAC	6085	TGCAGGACCAGAGAATTCGAATACAA TTTAAATNNNCTAGCGTTAC	6325
TGCAGGACCAGAGAATTCGAATACAG TGCCCCTNNNCTAGCGTTAC	5846	TGCAGGACCAGAGAATTCGAATACAA TGGCACTNNNCTAGCGTTAC	6086	TGCAGGACCAGAGAATTCGAATACAT CTGTTTANNNCTAGCGTTAC	6326
TGCAGGACCAGAGAATTCGAATACAG GACAGTANNNCTAGCGTTAC	5847	TGCAGGACCAGAGAATTCGAATACAC CCCACGTNNNCTAGCGTTAC	6087	TGCAGGACCAGAGAATTCGAATACAA GTTGAAANNNCTAGCGTTAC	6327
TGCAGGACCAGAGAATTCGAATACAC TAGTATANNNCTAGCGTTAC	5848	TGCAGGACCAGAGAATTCGAATACAC AAACCTGNNNCTAGCGTTAC	6088	TGCAGGACCAGAGAATTCGAATACAA TATGACTNNNCTAGCGTTAC	6328
TGCAGGACCAGAGAATTCGAATACAG AACCTTGNNNCTAGCGTTAC	5849	TGCAGGACCAGAGAATTCGAATACAC GGCCAGTNNNCTAGCGTTAC	6089	TGCAGGACCAGAGAATTCGAATACAG AAGACTGNNNCTAGCGTTAC	6329
TGCAGGACCAGAGAATTCGAATACAC TGTTTATNNNCTAGCGTTAC	5850	TGCAGGACCAGAGAATTCGAATACAG ACAACCTNNNCTAGCGTTAC	6090	TGCAGGACCAGAGAATTCGAATACAG TGCGTGCNNNCTAGCGTTAC	6330
TGCAGGACCAGAGAATTCGAATACAA ATAGGATNNNCTAGCGTTAC	5851	TGCAGGACCAGAGAATTCGAATACAT GGCACATNNNCTAGCGTTAC	6091	TGCAGGACCAGAGAATTCGAATACAA TGTCCGANNNCTAGCGTTAC	6331
TGCAGGACCAGAGAATTCGAATACAC GTCAAGTNNNCTAGCGTTAC	5852	TGCAGGACCAGAGAATTCGAATACAC CAAGTACNNNCTAGCGTTAC	6092	TGCAGGACCAGAGAATTCGAATACAT GTTATAGNNNCTAGCGTTAC	6332
TGCAGGACCAGAGAATTCGAATACAG CTGTTTCNNNCTAGCGTTAC	5853	TGCAGGACCAGAGAATTCGAATACAC ACGACCGNNNCTAGCGTTAC	6093	TGCAGGACCAGAGAATTCGAATACAT GTCGTAGNNNCTAGCGTTAC	6333
TGCAGGACCAGAGAATTCGAATACAA CCGTGCGNNNCTAGCGTTAC	5854	TGCAGGACCAGAGAATTCGAATACAC CGTGATANNNCTAGCGTTAC	6094	TGCAGGACCAGAGAATTCGAATACAG ACGCTTANNNCTAGCGTTAC	6334
TGCAGGACCAGAGAATTCGAATACAC AGCTGCGNNNCTAGCGTTAC	5855	TGCAGGACCAGAGAATTCGAATACAC ATTGCCTNNNCTAGCGTTAC	6095	TGCAGGACCAGAGAATTCGAATACAG AATTACTNNNCTAGCGTTAC	6335
TGCAGGACCAGAGAATTCGAATACAT CCTTACGNNNCTAGCGTTAC	5856	TGCAGGACCAGAGAATTCGAATACAT GTTGTTTNNNCTAGCGTTAC	6096	TGCAGGACCAGAGAATTCGAATACAT CGACCCCNNNCTAGCGTTAC	6336
TGCAGGACCAGAGAATTCGAATACAA ACGAAGCNNNCTAGCGTTAC	5857	TGCAGGACCAGAGAATTCGAATACAT GTTTTTGNNNCTAGCGTTAC	6097	TGCAGGACCAGAGAATTCGAATACAG CCTCCACNNNCTAGCGTTAC	6337
TGCAGGACCAGAGAATTCGAATACAG AAGTTTTNNNCTAGCGTTAC	5858	TGCAGGACCAGAGAATTCGAATACAG CTCCTCGNNNCTAGCGTTAC	6098	TGCAGGACCAGAGAATTCGAATACAC TGTATAANNNCTAGCGTTAC	6338
TGCAGGACCAGAGAATTCGAATACAG CCGTTAANNNCTAGCGTTAC	5859	TGCAGGACCAGAGAATTCGAATACAC CACCTGCNNNCTAGCGTTAC	6099	TGCAGGACCAGAGAATTCGAATACAT TCGAGTGNNNCTAGCGTTAC	6339
TGCAGGACCAGAGAATTCGAATACAT GTGCCAANNNCTAGCGTTAC	5860	TGCAGGACCAGAGAATTCGAATACAG AGCGGTGNNNCTAGCGTTAC	6100	TGCAGGACCAGAGAATTCGAATACAT AAGTGCCNNNCTAGCGTTAC	6340
TGCAGGACCAGAGAATTCGAATACAG CAAAACGNNNCTAGCGTTAC	5861	TGCAGGACCAGAGAATTCGAATACAA ACAACGGNNNCTAGCGTTAC	6101	TGCAGGACCAGAGAATTCGAATACAC AGATAAANNNCTAGCGTTAC	6341
TGCAGGACCAGAGAATTCGAATACAC GTAAGAGNNNCTAGCGTTAC	5862	TGCAGGACCAGAGAATTCGAATACAA TTGCTTTNNNCTAGCGTTAC	6102	TGCAGGACCAGAGAATTCGAATACAC GAATCACNNNCTAGCGTTAC	6342
TGCAGGACCAGAGAATTCGAATACAT GACGTCANNNCTAGCGTTAC	5863	TGCAGGACCAGAGAATTCGAATACAC CAGAGAANNNCTAGCGTTAC	6103	TGCAGGACCAGAGAATTCGAATACAG AGCTTACNNNCTAGCGTTAC	6343
TGCAGGACCAGAGAATTCGAATACAC TCCCTAANNNCTAGCGTTAC	5864	TGCAGGACCAGAGAATTCGAATACAG ATACCTGNNNCTAGCGTTAC	6104	TGCAGGACCAGAGAATTCGAATACAT CATCTGCNNNCTAGCGTTAC	6344
TGCAGGACCAGAGAATTCGAATACAT ATTCAGANNNCTAGCGTTAC	5865	TGCAGGACCAGAGAATTCGAATACAA CTTATTCNNNCTAGCGTTAC	6105	TGCAGGACCAGAGAATTCGAATACAC CACGTGGNNNCTAGCGTTAC	6345
TGCAGGACCAGAGAATTCGAATACAC TAGCAACNNNCTAGCGTTAC	5866	TGCAGGACCAGAGAATTCGAATACAA GTTGTTANNNCTAGCGTTAC	6106	TGCAGGACCAGAGAATTCGAATACAC GTGTATGNNNCTAGCGTTAC	6346

FIG. 20D

Pool-25	SEQ ID NO:	Pool-26	SEQ ID NO:	Pool-27	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAG AATGCCTNNNCTAGCGTTAC	5867	TGCAGGACCAGAGAATTCGAATACAA TGACTGCNNNCTAGCGTTAC	6107	TGCAGGACCAGAGAATTCGAATACAC TCTCCGGNNNCTAGCGTTAC	6347
TGCAGGACCAGAGAATTCGAATACAG ACTTCTCNNNCTAGCGTTAC	5868	TGCAGGACCAGAGAATTCGAATACAA GCAAACGNNNCTAGCGTTAC	6108	TGCAGGACCAGAGAATTCGAATACAC AAGAGTGNNNCTAGCGTTAC	6348
TGCAGGACCAGAGAATTCGAATACAT AATTAGCNNNCTAGCGTTAC	5869	TGCAGGACCAGAGAATTCGAATACAA GACTATTNNNCTAGCGTTAC	6109	TGCAGGACCAGAGAATTCGAATACAT AGCTCTCNNNCTAGCGTTAC	6349
TGCAGGACCAGAGAATTCGAATACAC GTGTGGCNNNCTAGCGTTAC	5870	TGCAGGACCAGAGAATTCGAATACAC TGAAACCNNNCTAGCGTTAC	6110	TGCAGGACCAGAGAATTCGAATACAG TGGCAGGNNNCTAGCGTTAC	6350
TGCAGGACCAGAGAATTCGAATACAG ACTCGATNNNCTAGCGTTAC	5871	TGCAGGACCAGAGAATTCGAATACAA GGAAAGGNNNCTAGCGTTAC	6111	TGCAGGACCAGAGAATTCGAATACAT GCATCGANNNCTAGCGTTAC	6351
TGCAGGACCAGAGAATTCGAATACAG CGATCGCNNNCTAGCGTTAC	5872	TGCAGGACCAGAGAATTCGAATACAC CCTAGTTNNNCTAGCGTTAC	6112	TGCAGGACCAGAGAATTCGAATACAC GGTCCGANNNCTAGCGTTAC	6352
TGCAGGACCAGAGAATTCGAATACAA CTCTACCNNNCTAGCGTTAC	5873	TGCAGGACCAGAGAATTCGAATACAC AAACCACNNNCTAGCGTTAC	6113	TGCAGGACCAGAGAATTCGAATACAA AGCCACTNNNCTAGCGTTAC	6353
TGCAGGACCAGAGAATTCGAATACAG GAAGGCCNNNCTAGCGTTAC	5874	TGCAGGACCAGAGAATTCGAATACAT TGTAGTANNNCTAGCGTTAC	6114	TGCAGGACCAGAGAATTCGAATACAG ATCTTTTNNNCTAGCGTTAC	6354
TGCAGGACCAGAGAATTCGAATACAC ATATTAGNNNCTAGCGTTAC	5875	TGCAGGACCAGAGAATTCGAATACAG TACAGCTNNNCTAGCGTTAC	6115	TGCAGGACCAGAGAATTCGAATACAG GCTCTAANNNCTAGCGTTAC	6355
TGCAGGACCAGAGAATTCGAATACAC GGTGACCNNNCTAGCGTTAC	5876	TGCAGGACCAGAGAATTCGAATACAA GTGTACCNNNCTAGCGTTAC	6116	TGCAGGACCAGAGAATTCGAATACAT CTATGTTNNNCTAGCGTTAC	6356
TGCAGGACCAGAGAATTCGAATACAG TGCATGTNNNCTAGCGTTAC	5877	TGCAGGACCAGAGAATTCGAATACAT TTTATGCNNNCTAGCGTTAC	6117	TGCAGGACCAGAGAATTCGAATACAA CCGCGTGNNNCTAGCGTTAC	6357
TGCAGGACCAGAGAATTCGAATACAT AAGTGTTNNNCTAGCGTTAC	5878	TGCAGGACCAGAGAATTCGAATACAA ATCCGTGNNNCTAGCGTTAC	6118	TGCAGGACCAGAGAATTCGAATACAG TACTCCTNNNCTAGCGTTAC	6358
TGCAGGACCAGAGAATTCGAATACAA CCTTATTNNNCTAGCGTTAC	5879	TGCAGGACCAGAGAATTCGAATACAC GATCTGANNNCTAGCGTTAC	6119	TGCAGGACCAGAGAATTCGAATACAG GAGCCCTNNNCTAGCGTTAC	6359
TGCAGGACCAGAGAATTCGAATACAA CTCCACTNNNCTAGCGTTAC	5880	TGCAGGACCAGAGAATTCGAATACAG ATAGATANNNCTAGCGTTAC	6120	TGCAGGACCAGAGAATTCGAATACAT ATCGAGCNNNCTAGCGTTAC	6360
TGCAGGACCAGAGAATTCGAATACAC CAAATATNNNCTAGCGTTAC	5881	TGCAGGACCAGAGAATTCGAATACAG AGTCCTANNNCTAGCGTTAC	6121	TGCAGGACCAGAGAATTCGAATACAC CGTTGAANNNCTAGCGTTAC	6361
TGCAGGACCAGAGAATTCGAATACAC AAGATGGNNNCTAGCGTTAC	5882	TGCAGGACCAGAGAATTCGAATACAC ATGTGGTNNNCTAGCGTTAC	6122	TGCAGGACCAGAGAATTCGAATACAC GAAGAACNNNCTAGCGTTAC	6362
TGCAGGACCAGAGAATTCGAATACAC CCAAGGCNNNCTAGCGTTAC	5883	TGCAGGACCAGAGAATTCGAATACAG ATCGCGCNNNCTAGCGTTAC	6123	TGCAGGACCAGAGAATTCGAATACAA GTGATCCNNNCTAGCGTTAC	6363
TGCAGGACCAGAGAATTCGAATACAT AAGCGGANNNCTAGCGTTAC	5884	TGCAGGACCAGAGAATTCGAATACAA CCACATGNNNCTAGCGTTAC	6124	TGCAGGACCAGAGAATTCGAATACAG GTCAACTNNNCTAGCGTTAC	6364
TGCAGGACCAGAGAATTCGAATACAG AGGCCCTNNNCTAGCGTTAC	5885	TGCAGGACCAGAGAATTCGAATACAT GCCGATANNNCTAGCGTTAC	6125	TGCAGGACCAGAGAATTCGAATACAT GACGTGTNNNCTAGCGTTAC	6365
TGCAGGACCAGAGAATTCGAATACAC TTCCTAGNNNCTAGCGTTAC	5886	TGCAGGACCAGAGAATTCGAATACAC AAAGCCTNNNCTAGCGTTAC	6126	TGCAGGACCAGAGAATTCGAATACAT TACAACANNNCTAGCGTTAC	6366
TGCAGGACCAGAGAATTCGAATACAC GCAGAAANNNCTAGCGTTAC	5887	TGCAGGACCAGAGAATTCGAATACAA CTGACGTNNNCTAGCGTTAC	6127	TGCAGGACCAGAGAATTCGAATACAA AATGTTCNNNCTAGCGTTAC	6367
TGCAGGACCAGAGAATTCGAATACAT GTGCGTANNNCTAGCGTTAC	5888	TGCAGGACCAGAGAATTCGAATACAA AGCTCGTNNNCTAGCGTTAC	6128	TGCAGGACCAGAGAATTCGAATACAT TATAACGNNNCTAGCGTTAC	6368
TGCAGGACCAGAGAATTCGAATACAC GATGGAANNNGATCGACATG	5889	TGCAGGACCAGAGAATTCGAATACAG GATCGAANNNGATCGACATG	6129	TGCAGGACCAGAGAATTCGAATACAT CCGGATANNNGATCGACATG	6369
TGCAGGACCAGAGAATTCGAATACAC CAATTAANNNGATCGACATG	5890	TGCAGGACCAGAGAATTCGAATACAT CGCAACANNNGATCGACATG	6130	TGCAGGACCAGAGAATTCGAATACAA GCCCTTTNNNGATCGACATG	6370
TGCAGGACCAGAGAATTCGAATACAC ATAGGCTNNNGATCGACATG	5891	TGCAGGACCAGAGAATTCGAATACAC CGACTAANNNGATCGACATG	6131	TGCAGGACCAGAGAATTCGAATACAG TACACTGNNNGATCGACATG	6371
TGCAGGACCAGAGAATTCGAATACAA AAAAATTNNNGATCGACATG	5892	TGCAGGACCAGAGAATTCGAATACAG ACCGTTANNNGATCGACATG	6132	TGCAGGACCAGAGAATTCGAATACAC GTGTAGTNNNGATCGACATG	6372
TGCAGGACCAGAGAATTCGAATACAA ATACACTNNNGATCGACATG	5893	TGCAGGACCAGAGAATTCGAATACAA TGCCCTTNNNGATCGACATG	6133	TGCAGGACCAGAGAATTCGAATACAG GAAAGTCNNNGATCGACATG	6373
TGCAGGACCAGAGAATTCGAATACAA ATCGAAANNNGATCGACATG	5894	TGCAGGACCAGAGAATTCGAATACAT CGAAACCNNNGATCGACATG	6134	TGCAGGACCAGAGAATTCGAATACAT TCTGCGTNNNGATCGACATG	6374
TGCAGGACCAGAGAATTCGAATACAT CTATTACNNNGATCGACATG	5895	TGCAGGACCAGAGAATTCGAATACAG ACCTTCTNNNGATCGACATG	6135	TGCAGGACCAGAGAATTCGAATACAT ACTCGGANNNGATCGACATG	6375
TGCAGGACCAGAGAATTCGAATACAA CCCGATANNNGATCGACATG	5896	TGCAGGACCAGAGAATTCGAATACAC TACCCTANNNGATCGACATG	6136	TGCAGGACCAGAGAATTCGAATACAC GTCCAAANNNGATCGACATG	6376
TGCAGGACCAGAGAATTCGAATACAG AAACGCANNNGATCGACATG	5897	TGCAGGACCAGAGAATTCGAATACAA TGCCTTCNNNGATCGACATG	6137	TGCAGGACCAGAGAATTCGAATACAT TGAACCGNNNGATCGACATG	6377
TGCAGGACCAGAGAATTCGAATACAG TGATCGTNNNGATCGACATG	5898	TGCAGGACCAGAGAATTCGAATACAG CGACTATNNNGATCGACATG	6138	TGCAGGACCAGAGAATTCGAATACAG GCCGCTANNNGATCGACATG	6378
TGCAGGACCAGAGAATTCGAATACAC GCAGCCANNNGATCGACATG	5899	TGCAGGACCAGAGAATTCGAATACAG GCATTCANNNGATCGACATG	6139	TGCAGGACCAGAGAATTCGAATACAG ATACGTCNNNGATCGACATG	6379

FIG. 20E

Pool-25	SEQ ID NO:	Pool-26	SEQ ID NO:	Pool-27	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAT GACCATGNNNGATCGACATG	5900	TGCAGGACCAGAGAATTCGAATACAG CTAGAAGNNNGATCGACATG	6140	TGCAGGACCAGAGAATTCGAATACAA TTCAACANNNGATCGACATG	6380
TGCAGGACCAGAGAATTCGAATACAG GTCCACGNNNGATCGACATG	5901	TGCAGGACCAGAGAATTCGAATACAT TTATAAANNNGATCGACATG	6141	TGCAGGACCAGAGAATTCGAATACAG TGTGCATNNNGATCGACATG	6381
TGCAGGACCAGAGAATTCGAATACAA AGCATAANNNGATCGACATG	5902	TGCAGGACCAGAGAATTCGAATACAT CCCTACANNNGATCGACATG	6142	TGCAGGACCAGAGAATTCGAATACAG CCATAGTNNNGATCGACATG	6382
TGCAGGACCAGAGAATTCGAATACAG ACAGGCGNNNGATCGACATG	5903	TGCAGGACCAGAGAATTCGAATACAA CGTCTAGNNNGATCGACATG	6143	TGCAGGACCAGAGAATTCGAATACAC TCATCTGNNNGATCGACATG	6383
TGCAGGACCAGAGAATTCGAATACAA CGGTAGANNNGATCGACATG	5904	TGCAGGACCAGAGAATTCGAATACAG AGCTTTGNNNGATCGACATG	6144	TGCAGGACCAGAGAATTCGAATACAA ACCGACTNNNGATCGACATG	6384
TGCAGGACCAGAGAATTCGAATACAT CATTACTNNNGATCGACATG	5905	TGCAGGACCAGAGAATTCGAATACAA GAGCGGCNNNGATCGACATG	6145	TGCAGGACCAGAGAATTCGAATACAC ATCGCCCNNNGATCGACATG	6385
TGCAGGACCAGAGAATTCGAATACAC GAAAATANNNGATCGACATG	5906	TGCAGGACCAGAGAATTCGAATACAC ATATACANNNGATCGACATG	6146	TGCAGGACCAGAGAATTCGAATACAT AGGATCCNNNGATCGACATG	6386
TGCAGGACCAGAGAATTCGAATACAT GGAAGGTNNNGATCGACATG	5907	TGCAGGACCAGAGAATTCGAATACAA AGGCTAGNNNGATCGACATG	6147	TGCAGGACCAGAGAATTCGAATACAA TGGCGTTNNNGATCGACATG	6387
TGCAGGACCAGAGAATTCGAATACAC TGTTTTANNNGATCGACATG	5908	TGCAGGACCAGAGAATTCGAATACAT ATCGACGNNNGATCGACATG	6148	TGCAGGACCAGAGAATTCGAATACAC TAAATTGNNNGATCGACATG	6388
TGCAGGACCAGAGAATTCGAATACAC GGATTTGNNNGATCGACATG	5909	TGCAGGACCAGAGAATTCGAATACAA GACGTCTNNNGATCGACATG	6149	TGCAGGACCAGAGAATTCGAATACAA CTACATANNNGATCGACATG	6389
TGCAGGACCAGAGAATTCGAATACAC GTGGTGCNNNGATCGACATG	5910	TGCAGGACCAGAGAATTCGAATACAT GTTACCCNNNGATCGACATG	6150	TGCAGGACCAGAGAATTCGAATACAC ATCCTCANNNGATCGACATG	6390
TGCAGGACCAGAGAATTCGAATACAA TGCCTCTNNNGATCGACATG	5911	TGCAGGACCAGAGAATTCGAATACAG CCTGCAGNNNGATCGACATG	6151	TGCAGGACCAGAGAATTCGAATACAG ATGTGAGNNNGATCGACATG	6391
TGCAGGACCAGAGAATTCGAATACAA GAGAAGGNNNGATCGACATG	5912	TGCAGGACCAGAGAATTCGAATACAC GTAACGTNNNGATCGACATG	6152	TGCAGGACCAGAGAATTCGAATACAA GGCCAAANNNGATCGACATG	6392
TGCAGGACCAGAGAATTCGAATACAT CATGGTGNNNGATCGACATG	5913	TGCAGGACCAGAGAATTCGAATACAA TCTTATCNNNGATCGACATG	6153	TGCAGGACCAGAGAATTCGAATACAC CAAGCTANNNGATCGACATG	6393
TGCAGGACCAGAGAATTCGAATACAC TGGAGCCNNNGATCGACATG	5914	TGCAGGACCAGAGAATTCGAATACAA CGTTTGGNNNGATCGACATG	6154	TGCAGGACCAGAGAATTCGAATACAA GGAGATCNNNGATCGACATG	6394
TGCAGGACCAGAGAATTCGAATACAC TGTTAGGNNNGATCGACATG	5915	TGCAGGACCAGAGAATTCGAATACAG ATTAAAGNNNGATCGACATG	6155	TGCAGGACCAGAGAATTCGAATACAC CTCCGACNNNGATCGACATG	6395
TGCAGGACCAGAGAATTCGAATACAC TGGTTCTNNNGATCGACATG	5916	TGCAGGACCAGAGAATTCGAATACAT TGCCAGANNNGATCGACATG	6156	TGCAGGACCAGAGAATTCGAATACAC GCTGTGGNNNGATCGACATG	6396
TGCAGGACCAGAGAATTCGAATACAC AAAGTCCNNNGATCGACATG	5917	TGCAGGACCAGAGAATTCGAATACAC GGCATATNNNGATCGACATG	6157	TGCAGGACCAGAGAATTCGAATACAT ACCGCCCNNNGATCGACATG	6397
TGCAGGACCAGAGAATTCGAATACAC GTAGCCGNNNGATCGACATG	5918	TGCAGGACCAGAGAATTCGAATACAG GTCAGCCNNNGATCGACATG	6158	TGCAGGACCAGAGAATTCGAATACAC GTCGCCTNNNGATCGACATG	6398
TGCAGGACCAGAGAATTCGAATACAA GGCTGAANNNGATCGACATG	5919	TGCAGGACCAGAGAATTCGAATACAC TACCACTNNNGATCGACATG	6159	TGCAGGACCAGAGAATTCGAATACAC CTCACCGNNNGATCGACATG	6399
TGCAGGACCAGAGAATTCGAATACAC TAATCTTNNNGATCGACATG	5920	TGCAGGACCAGAGAATTCGAATACAC GCACGGTNNNGATCGACATG	6160	TGCAGGACCAGAGAATTCGAATACAG CCTGGACNNNGATCGACATG	6400
TGCAGGACCAGAGAATTCGAATACAG ACTTAATNNNGATCGACATG	5921	TGCAGGACCAGAGAATTCGAATACAT GCTTCGTNNNGATCGACATG	6161	TGCAGGACCAGAGAATTCGAATACAA CTTGGACNNNGATCGACATG	6401
TGCAGGACCAGAGAATTCGAATACAA TCACAATNNNGATCGACATG	5922	TGCAGGACCAGAGAATTCGAATACAA GCACTGTNNNGATCGACATG	6162	TGCAGGACCAGAGAATTCGAATACAT GTTGCCTNNNGATCGACATG	6402
TGCAGGACCAGAGAATTCGAATACAG AGCCTGCNNNGATCGACATG	5923	TGCAGGACCAGAGAATTCGAATACAC TTACAAANNNGATCGACATG	6163	TGCAGGACCAGAGAATTCGAATACAC GGCACGTNNNGATCGACATG	6403
TGCAGGACCAGAGAATTCGAATACAC TCTAGGANNNGATCGACATG	5924	TGCAGGACCAGAGAATTCGAATACAC GATGGCCNNNGATCGACATG	6164	TGCAGGACCAGAGAATTCGAATACAA GGTGTGANNNGATCGACATG	6404
TGCAGGACCAGAGAATTCGAATACAG GTGAGATNNNGATCGACATG	5925	TGCAGGACCAGAGAATTCGAATACAC ACCGGCANNNGATCGACATG	6165	TGCAGGACCAGAGAATTCGAATACAA ACGACGANNNGATCGACATG	6405
TGCAGGACCAGAGAATTCGAATACAA GGTTGCTNNNGATCGACATG	5926	TGCAGGACCAGAGAATTCGAATACAG CCATAACNNNGATCGACATG	6166	TGCAGGACCAGAGAATTCGAATACAC ATCACTCNNNGATCGACATG	6406
TGCAGGACCAGAGAATTCGAATACAG AGGTGCGNNNGATCGACATG	5927	TGCAGGACCAGAGAATTCGAATACAT GAAGTCCNNNGATCGACATG	6167	TGCAGGACCAGAGAATTCGAATACAT AATGCTANNNGATCGACATG	6407
TGCAGGACCAGAGAATTCGAATACAA CTCAGACNNNGATCGACATG	5928	TGCAGGACCAGAGAATTCGAATACAG CAACACTNNNGATCGACATG	6168	TGCAGGACCAGAGAATTCGAATACAC GCCTTGCNNNGATCGACATG	6408
TGCAGGACCAGAGAATTCGAATACAC AATGTATNNNGATCGACATG	5929	TGCAGGACCAGAGAATTCGAATACAA CGCTTCTNNNGATCGACATG	6169	TGCAGGACCAGAGAATTCGAATACAT GATCAGCNNNGATCGACATG	6409
TGCAGGACCAGAGAATTCGAATACAA ACCATTANNNGATCGACATG	5930	TGCAGGACCAGAGAATTCGAATACAT ACCGGCGNNNGATCGACATG	6170	TGCAGGACCAGAGAATTCGAATACAC TTCGGAANNNGATCGACATG	6410
TGCAGGACCAGAGAATTCGAATACAT GGCGCTGNNNGATCGACATG	5931	TGCAGGACCAGAGAATTCGAATACAT GCTAATANNNGATCGACATG	6171	TGCAGGACCAGAGAATTCGAATACAC GCAAATCNNNGATCGACATG	6411
TGCAGGACCAGAGAATTCGAATACAC GCCCTGTNNNGATCGACATG	5932	TGCAGGACCAGAGAATTCGAATACAT AAGGAGCNNNGATCGACATG	6172	TGCAGGACCAGAGAATTCGAATACAA GAGAACCNNNGATCGACATG	6412

FIG. 20F

Pool-25	SEQ ID NO:	Pool-26	SEQ ID NO:	Pool-27	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAT AGCCGTANNNGATCGACATG	5933	TGCAGGACCAGAGAATTCGAATACAT AGTCCGANNNGATCGACATG	6173	TGCAGGACCAGAGAATTCGAATACAT CGACGATNNNGATCGACATG	6413
TGCAGGACCAGAGAATTCGAATACAG GATAGTGNNNGATCGACATG	5934	TGCAGGACCAGAGAATTCGAATACAC TATCCTGNNNGATCGACATG	6174	TGCAGGACCAGAGAATTCGAATACAC AGCAAGANNNGATCGACATG	6414
TGCAGGACCAGAGAATTCGAATACAT AAGGCAGNNNGATCGACATG	5935	TGCAGGACCAGAGAATTCGAATACAT TTGGTCCNNNGATCGACATG	6175	TGCAGGACCAGAGAATTCGAATACAC AAAGTAANNNGATCGACATG	6415
TGCAGGACCAGAGAATTCGAATACAA GGTCCTANNNGATCGACATG	5936	TGCAGGACCAGAGAATTCGAATACAG CCTTTCANNNGATCGACATG	6176	TGCAGGACCAGAGAATTCGAATACAG AAATCAANNNGATCGACATG	6416
TGCAGGACCAGAGAATTCGAATACAA ACTGGAGNNNGATCGACATG	5937	TGCAGGACCAGAGAATTCGAATACAG TGTTCGANNNGATCGACATG	6177	TGCAGGACCAGAGAATTCGAATACAC TCCTGATNNNGATCGACATG	6417
TGCAGGACCAGAGAATTCGAATACAT TGTTGTTNNNGATCGACATG	5938	TGCAGGACCAGAGAATTCGAATACAA CTGTCAGNNNGATCGACATG	6178	TGCAGGACCAGAGAATTCGAATACAA CTATAGTNNNGATCGACATG	6418
TGCAGGACCAGAGAATTCGAATACAG CGAAGCGNNNGATCGACATG	5939	TGCAGGACCAGAGAATTCGAATACAA TCTGACGNNNGATCGACATG	6179	TGCAGGACCAGAGAATTCGAATACAG GTAGTTCNNNGATCGACATG	6419
TGCAGGACCAGAGAATTCGAATACAA GATCCGTNNNGATCGACATG	5940	TGCAGGACCAGAGAATTCGAATACAT ACCTCGTNNNGATCGACATG	6180	TGCAGGACCAGAGAATTCGAATACAC GGAACTTNNNGATCGACATG	6420
TGCAGGACCAGAGAATTCGAATACAA TACCGTGNNNGATCGACATG	5941	TGCAGGACCAGAGAATTCGAATACAT GCATACGNNNGATCGACATG	6181	TGCAGGACCAGAGAATTCGAATACAG GATCTGTNNNGATCGACATG	6421
TGCAGGACCAGAGAATTCGAATACAA ATCATGTNNNGATCGACATG	5942	TGCAGGACCAGAGAATTCGAATACAC AGGTAAGNNNGATCGACATG	6182	TGCAGGACCAGAGAATTCGAATACAA TTCCGCTNNNGATCGACATG	6422
TGCAGGACCAGAGAATTCGAATACAT GTTTTGTNNNGATCGACATG	5943	TGCAGGACCAGAGAATTCGAATACAG GACCAAANNNGATCGACATG	6183	TGCAGGACCAGAGAATTCGAATACAT TTCTACANNNGATCGACATG	6423
TGCAGGACCAGAGAATTCGAATACAG GATACAGNNNGATCGACATG	5944	TGCAGGACCAGAGAATTCGAATACAG GTCGCCANNNGATCGACATG	6184	TGCAGGACCAGAGAATTCGAATACAT CCCAGCCNNNGATCGACATG	6424
TGCAGGACCAGAGAATTCGAATACAG TTCGTAGNNNGATCGACATG	5945	TGCAGGACCAGAGAATTCGAATACAA TGGAAGCNNNGATCGACATG	6185	TGCAGGACCAGAGAATTCGAATACAC TTACCACNNNGATCGACATG	6425
TGCAGGACCAGAGAATTCGAATACAG GAGATCANNNGATCGACATG	5946	TGCAGGACCAGAGAATTCGAATACAC ATACGACNNNGATCGACATG	6186	TGCAGGACCAGAGAATTCGAATACAA CCTTCTGNNNGATCGACATG	6426
TGCAGGACCAGAGAATTCGAATACAC TTTGTTANNNGATCGACATG	5947	TGCAGGACCAGAGAATTCGAATACAT TCAGCGANNNGATCGACATG	6187	TGCAGGACCAGAGAATTCGAATACAC GTGGTCGNNNGATCGACATG	6427
TGCAGGACCAGAGAATTCGAATACAG TGAACCTNNNGATCGACATG	5948	TGCAGGACCAGAGAATTCGAATACAC TGCGGTGNNNGATCGACATG	6188	TGCAGGACCAGAGAATTCGAATACAC CAAACTGNNNGATCGACATG	6428
TGCAGGACCAGAGAATTCGAATACAC CTACAGANNNTGCATCAGGT	5949	TGCAGGACCAGAGAATTCGAATACAC AGTACTGNNNTGCATCAGGT	6189	TGCAGGACCAGAGAATTCGAATACAC TCACGCCNNNTGCATCAGGT	6429
TGCAGGACCAGAGAATTCGAATACAG CATCGATNNNTGCATCAGGT	5950	TGCAGGACCAGAGAATTCGAATACAG ATCGAAGNNNTGCATCAGGT	6190	TGCAGGACCAGAGAATTCGAATACAG ACGAGCGNNNTGCATCAGGT	6430
TGCAGGACCAGAGAATTCGAATACAT ACTGCTCNNNTGCATCAGGT	5951	TGCAGGACCAGAGAATTCGAATACAT CAAACGCNNNTGCATCAGGT	6191	TGCAGGACCAGAGAATTCGAATACAA GAATGGCNNNTGCATCAGGT	6431
TGCAGGACCAGAGAATTCGAATACAC CTGTTGTNNNTGCATCAGGT	5952	TGCAGGACCAGAGAATTCGAATACAT TTCAATCNNNTGCATCAGGT	6192	TGCAGGACCAGAGAATTCGAATACAC CAGTCCCNNNTGCATCAGGT	6432
TGCAGGACCAGAGAATTCGAATACAG AGTCGAANNNTGCATCAGGT	5953	TGCAGGACCAGAGAATTCGAATACAG AGATGGTNNNTGCATCAGGT	6193	TGCAGGACCAGAGAATTCGAATACAA AAGTATGNNNTGCATCAGGT	6433
TGCAGGACCAGAGAATTCGAATACAT TGACCAGNNNTGCATCAGGT	5954	TGCAGGACCAGAGAATTCGAATACAA GGCTCATNNNTGCATCAGGT	6194	TGCAGGACCAGAGAATTCGAATACAC GTACGTANNNTGCATCAGGT	6434
TGCAGGACCAGAGAATTCGAATACAA TGGTTATNNNTGCATCAGGT	5955	TGCAGGACCAGAGAATTCGAATACAT GGCCGCANNNTGCATCAGGT	6195	TGCAGGACCAGAGAATTCGAATACAC AGCGCCANNNTGCATCAGGT	6435
TGCAGGACCAGAGAATTCGAATACAG CGCTCAGNNNTGCATCAGGT	5956	TGCAGGACCAGAGAATTCGAATACAT AACTGCGNNNTGCATCAGGT	6196	TGCAGGACCAGAGAATTCGAATACAG CTCTCCGNNNTGCATCAGGT	6436
TGCAGGACCAGAGAATTCGAATACAT GGACCCGNNNTGCATCAGGT	5957	TGCAGGACCAGAGAATTCGAATACAA TCCTTGCNNNTGCATCAGGT	6197	TGCAGGACCAGAGAATTCGAATACAG GCCGTACNNNTGCATCAGGT	6437
TGCAGGACCAGAGAATTCGAATACAT TACCACCNNNTGCATCAGGT	5958	TGCAGGACCAGAGAATTCGAATACAA CTTAATGNNNTGCATCAGGT	6198	TGCAGGACCAGAGAATTCGAATACAG AGAGTGTNNNTGCATCAGGT	6438
TGCAGGACCAGAGAATTCGAATACAG TATAACTNNNTGCATCAGGT	5959	TGCAGGACCAGAGAATTCGAATACAC ACCTGCCNNNTGCATCAGGT	6199	TGCAGGACCAGAGAATTCGAATACAA TGGAGTGNNNTGCATCAGGT	6439
TGCAGGACCAGAGAATTCGAATACAG CCCGTGANNNTGCATCAGGT	5960	TGCAGGACCAGAGAATTCGAATACAT ATGCTTTNNNTGCATCAGGT	6200	TGCAGGACCAGAGAATTCGAATACAT CGGCCGANNNTGCATCAGGT	6440
TGCAGGACCAGAGAATTCGAATACAC TGATGACNNNTGCATCAGGT	5961	TGCAGGACCAGAGAATTCGAATACAA GGTGCAANNNTGCATCAGGT	6201	TGCAGGACCAGAGAATTCGAATACAA TCGATTANNNTGCATCAGGT	6441
TGCAGGACCAGAGAATTCGAATACAC ATGGCATNNNTGCATCAGGT	5962	TGCAGGACCAGAGAATTCGAATACAC GGCTAATNNNTGCATCAGGT	6202	TGCAGGACCAGAGAATTCGAATACAC CCAACAANNNTGCATCAGGT	6442
TGCAGGACCAGAGAATTCGAATACAA TGATATCNNNTGCATCAGGT	5963	TGCAGGACCAGAGAATTCGAATACAT AGCAAAANNNTGCATCAGGT	6203	TGCAGGACCAGAGAATTCGAATACAT GTAGATTNNNTGCATCAGGT	6443
TGCAGGACCAGAGAATTCGAATACAT GTAAAAGNNNTGCATCAGGT	5964	TGCAGGACCAGAGAATTCGAATACAA GCAAGCANNNTGCATCAGGT	6204	TGCAGGACCAGAGAATTCGAATACAA CCGGAGGNNNTGCATCAGGT	6444
TGCAGGACCAGAGAATTCGAATACAC CTTGCCGNNNTGCATCAGGT	5965	TGCAGGACCAGAGAATTCGAATACAA TAGTACTNNNTGCATCAGGT	6205	TGCAGGACCAGAGAATTCGAATACAC ACCTGAANNNTGCATCAGGT	6445

FIG. 20G

Pool-25	SEQ ID NO:	Pool-26	SEQ ID NO:	Pool-27	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAG AGGCACGNNNTGCATCAGGT	5966	TGCAGGACCAGAGAATTCGAATACAC CCATGTTNNNTGCATCAGGT	6206	TGCAGGACCAGAGAATTCGAATACAA CATGTGCNNNTGCATCAGGT	6446
TGCAGGACCAGAGAATTCGAATACAC CTGAGCGNNNTGCATCAGGT	5967	TGCAGGACCAGAGAATTCGAATACAG AGCAATGNNNTGCATCAGGT	6207	TGCAGGACCAGAGAATTCGAATACAC AGGATCTNNNTGCATCAGGT	6447
TGCAGGACCAGAGAATTCGAATACAG GTTGCTANNNTGCATCAGGT	5968	TGCAGGACCAGAGAATTCGAATACAA ATACCTANNNTGCATCAGGT	6208	TGCAGGACCAGAGAATTCGAATACAC GTTTGTCNNNTGCATCAGGT	6448
TGCAGGACCAGAGAATTCGAATACAG TCAAAGGNNNTGCATCAGGT	5969	TGCAGGACCAGAGAATTCGAATACAA ATATTGCNNNTGCATCAGGT	6209	TGCAGGACCAGAGAATTCGAATACAA AATCAAGNNNTGCATCAGGT	6449
TGCAGGACCAGAGAATTCGAATACAA CGTATGCNNNTGCATCAGGT	5970	TGCAGGACCAGAGAATTCGAATACAA ATCCATANNNTGCATCAGGT	6210	TGCAGGACCAGAGAATTCGAATACAT CAACATANNNTGCATCAGGT	6450
TGCAGGACCAGAGAATTCGAATACAC GAGCGGANNNTGCATCAGGT	5971	TGCAGGACCAGAGAATTCGAATACAT CCATTTANNNTGCATCAGGT	6211	TGCAGGACCAGAGAATTCGAATACAA TGAAGGCNNNTGCATCAGGT	6451
TGCAGGACCAGAGAATTCGAATACAT TTTGCCGNNNTGCATCAGGT	5972	TGCAGGACCAGAGAATTCGAATACAG AGGTTCTNNNTGCATCAGGT	6212	TGCAGGACCAGAGAATTCGAATACAC AAGTGGANNNTGCATCAGGT	6452
TGCAGGACCAGAGAATTCGAATACAA AGTCTGCNNNTGCATCAGGT	5973	TGCAGGACCAGAGAATTCGAATACAG TGATACCNNNTGCATCAGGT	6213	TGCAGGACCAGAGAATTCGAATACAA GCAAAATNNNTGCATCAGGT	6453
TGCAGGACCAGAGAATTCGAATACAC TTCCTTCNNNTGCATCAGGT	5974	TGCAGGACCAGAGAATTCGAATACAA CCTTGCTNNNTGCATCAGGT	6214	TGCAGGACCAGAGAATTCGAATACAA CAGATCCNNNTGCATCAGGT	6454
TGCAGGACCAGAGAATTCGAATACAA TGTGAAANNNTGCATCAGGT	5975	TGCAGGACCAGAGAATTCGAATACAT ATCAAGTNNNTGCATCAGGT	6215	TGCAGGACCAGAGAATTCGAATACAT ACGCCTTNNNTGCATCAGGT	6455
TGCAGGACCAGAGAATTCGAATACAG CCGTGGTNNNTGCATCAGGT	5976	TGCAGGACCAGAGAATTCGAATACAA CTTAGGCNNNTGCATCAGGT	6216	TGCAGGACCAGAGAATTCGAATACAA GCGCTATNNNTGCATCAGGT	6456
TGCAGGACCAGAGAATTCGAATACAC AGAGGCGNNNTGCATCAGGT	5977	TGCAGGACCAGAGAATTCGAATACAA CTGTTCCNNNTGCATCAGGT	6217	TGCAGGACCAGAGAATTCGAATACAA GTGATGGNNNTGCATCAGGT	6457
TGCAGGACCAGAGAATTCGAATACAT TTGATCTNNNTGCATCAGGT	5978	TGCAGGACCAGAGAATTCGAATACAG GATCCATNNNTGCATCAGGT	6218	TGCAGGACCAGAGAATTCGAATACAC GGATGAANNNTGCATCAGGT	6458
TGCAGGACCAGAGAATTCGAATACAG CGTCGACNNNTGCATCAGGT	5979	TGCAGGACCAGAGAATTCGAATACAC CACTCCGNNNTGCATCAGGT	6219	TGCAGGACCAGAGAATTCGAATACAG ACATAGGNNNTGCATCAGGT	6459
TGCAGGACCAGAGAATTCGAATACAG GATATAANNNTGCATCAGGT	5980	TGCAGGACCAGAGAATTCGAATACAG CAAGAGTNNNTGCATCAGGT	6220	TGCAGGACCAGAGAATTCGAATACAA TTGCGTGNNNTGCATCAGGT	6460
TGCAGGACCAGAGAATTCGAATACAA AATTTTANNNTGCATCAGGT	5981	TGCAGGACCAGAGAATTCGAATACAA CCGTCTTNNNTGCATCAGGT	6221	TGCAGGACCAGAGAATTCGAATACAC TACAGTGNNNTGCATCAGGT	6461
TGCAGGACCAGAGAATTCGAATACAA GCCCGTGNNNTGCATCAGGT	5982	TGCAGGACCAGAGAATTCGAATACAG GCTTAGTNNNTGCATCAGGT	6222	TGCAGGACCAGAGAATTCGAATACAC CGTCCACNNNTGCATCAGGT	6462
TGCAGGACCAGAGAATTCGAATACAC AATAAAGNNNTGCATCAGGT	5983	TGCAGGACCAGAGAATTCGAATACAC CTAAGCANNNTGCATCAGGT	6223	TGCAGGACCAGAGAATTCGAATACAA AGCCCATNNNTGCATCAGGT	6463
TGCAGGACCAGAGAATTCGAATACAG CGACATTNNNTGCATCAGGT	5984	TGCAGGACCAGAGAATTCGAATACAG CGCGAAGNNNTGCATCAGGT	6224	TGCAGGACCAGAGAATTCGAATACAC GAGGCCTNNNTGCATCAGGT	6464
TGCAGGACCAGAGAATTCGAATACAC AGAGAGTNNNTGCATCAGGT	5985	TGCAGGACCAGAGAATTCGAATACAC ATTCTTANNNTGCATCAGGT	6225	TGCAGGACCAGAGAATTCGAATACAA CCTATCCNNNTGCATCAGGT	6465
TGCAGGACCAGAGAATTCGAATACAC TTCACACNNNTGCATCAGGT	5986	TGCAGGACCAGAGAATTCGAATACAA CTACGGTNNNTGCATCAGGT	6226	TGCAGGACCAGAGAATTCGAATACAA GGCGAGCNNNTGCATCAGGT	6466
TGCAGGACCAGAGAATTCGAATACAT TAAGCTANNNTGCATCAGGT	5987	TGCAGGACCAGAGAATTCGAATACAC CGGAGCTNNNTGCATCAGGT	6227	TGCAGGACCAGAGAATTCGAATACAG AGAACTGNNNTGCATCAGGT	6467
TGCAGGACCAGAGAATTCGAATACAG TGACCGCNNNTGCATCAGGT	5988	TGCAGGACCAGAGAATTCGAATACAG TACTTAANNNTGCATCAGGT	6228	TGCAGGACCAGAGAATTCGAATACAT GGTGTTGNNNTGCATCAGGT	6468
TGCAGGACCAGAGAATTCGAATACAC CGATATGNNNTGCATCAGGT	5989	TGCAGGACCAGAGAATTCGAATACAT GCCGCTCNNNTGCATCAGGT	6229	TGCAGGACCAGAGAATTCGAATACAC TAAATCANNNTGCATCAGGT	6469
TGCAGGACCAGAGAATTCGAATACAT AGCATTANNNTGCATCAGGT	5990	TGCAGGACCAGAGAATTCGAATACAG CGACTTANNNTGCATCAGGT	6230	TGCAGGACCAGAGAATTCGAATACAA TTTCCGCNNNTGCATCAGGT	6470
TGCAGGACCAGAGAATTCGAATACAC TAGGCCGNNNTGCATCAGGT	5991	TGCAGGACCAGAGAATTCGAATACAA TGGCAAGNNNTGCATCAGGT	6231	TGCAGGACCAGAGAATTCGAATACAC CTCCATANNNTGCATCAGGT	6471
TGCAGGACCAGAGAATTCGAATACAT TAGTAACNNNTGCATCAGGT	5992	TGCAGGACCAGAGAATTCGAATACAC GGAGGTGNNNTGCATCAGGT	6232	TGCAGGACCAGAGAATTCGAATACAT TACTACTNNNTGCATCAGGT	6472
TGCAGGACCAGAGAATTCGAATACAT ATCACGGNNNTGCATCAGGT	5993	TGCAGGACCAGAGAATTCGAATACAA CATTAACNNNTGCATCAGGT	6233	TGCAGGACCAGAGAATTCGAATACAT CGTTTATNNNTGCATCAGGT	6473
TGCAGGACCAGAGAATTCGAATACAC GATTCTCNNNTGCATCAGGT	5994	TGCAGGACCAGAGAATTCGAATACAT AGGAAATNNNTGCATCAGGT	6234	TGCAGGACCAGAGAATTCGAATACAA TTCAATGNNNTGCATCAGGT	6474
TGCAGGACCAGAGAATTCGAATACAG AGGAAGANNNTGCATCAGGT	5995	TGCAGGACCAGAGAATTCGAATACAC CTAAGTGNNNTGCATCAGGT	6235	TGCAGGACCAGAGAATTCGAATACAA ACCACACNNNTGCATCAGGT	6475
TGCAGGACCAGAGAATTCGAATACAT GTCTGCTNNNTGCATCAGGT	5996	TGCAGGACCAGAGAATTCGAATACAT AGACGCTNNNTGCATCAGGT	6236	TGCAGGACCAGAGAATTCGAATACAT ACCCGCCNNNTGCATCAGGT	6476
TGCAGGACCAGAGAATTCGAATACAA ATACTCANNNTGCATCAGGT	5997	TGCAGGACCAGAGAATTCGAATACAG TGAAGCANNNTGCATCAGGT	6237	TGCAGGACCAGAGAATTCGAATACAC CATGGCGNNNTGCATCAGGT	6477
TGCAGGACCAGAGAATTCGAATACAT AGTTCCCNNNTGCATCAGGT	5998	TGCAGGACCAGAGAATTCGAATACAG GACGCAGNNNTGCATCAGGT	6238	TGCAGGACCAGAGAATTCGAATACAC CTGAGTANNNTGCATCAGGT	6478

FIG. 20H

Pool-25	SEQ ID NO:	Pool-26	SEQ ID NO:	Pool-27	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATACAA ATTCGTANNNTGCATCAGGT	5999	TGCAGGACCAGAGAATTCGAATACAT TTTACGTNNNTGCATCAGGT	6239	TGCAGGACCAGAGAATTCGAATACAG GATGTCTNNNTGCATCAGGT	6479
TGCAGGACCAGAGAATTCGAATACAG CTGATTGNNNTGCATCAGGT	6000	TGCAGGACCAGAGAATTCGAATACAG ATGATTTNNNTGCATCAGGT	6240	TGCAGGACCAGAGAATTCGAATACAA AGACCCTNNNTGCATCAGGT	6480
TGCAGGACCAGAGAATTCGAATACAT ACCCGAANNNTGCATCAGGT	6001	TGCAGGACCAGAGAATTCGAATACAA CGGAATGNNNTGCATCAGGT	6241	TGCAGGACCAGAGAATTCGAATACAG TACTTGGNNNTGCATCAGGT	6481
TGCAGGACCAGAGAATTCGAATACAA GGCCATTNNNTGCATCAGGT	6002	TGCAGGACCAGAGAATTCGAATACAA ATGGCAGNNNTGCATCAGGT	6242	TGCAGGACCAGAGAATTCGAATACAT CCCTCTTNNNTGCATCAGGT	6482
TGCAGGACCAGAGAATTCGAATACAG CTCCCCANNNTGCATCAGGT	6003	TGCAGGACCAGAGAATTCGAATACAC GACTGATNNNTGCATCAGGT	6243	TGCAGGACCAGAGAATTCGAATACAT ACTTACTNNNTGCATCAGGT	6483
TGCAGGACCAGAGAATTCGAATACAT GAACGCTNNNTGCATCAGGT	6004	TGCAGGACCAGAGAATTCGAATACAA AAGATACNNNTGCATCAGGT	6244	TGCAGGACCAGAGAATTCGAATACAG GTTTTCCNNNTGCATCAGGT	6484
TGCAGGACCAGAGAATTCGAATACAC GAGGCAGNNNTGCATCAGGT	6005	TGCAGGACCAGAGAATTCGAATACAA CGGCATTNNNTGCATCAGGT	6245	TGCAGGACCAGAGAATTCGAATACAG GATCACTNNNTGCATCAGGT	6485
TGCAGGACCAGAGAATTCGAATACAG GTGCTATNNNTGCATCAGGT	6006	TGCAGGACCAGAGAATTCGAATACAC CACGCTCNNNTGCATCAGGT	6246	TGCAGGACCAGAGAATTCGAATACAT TGATGGCNNNTGCATCAGGT	6486
TGCAGGACCAGAGAATTCGAATACAA ATTGCCGNNNTGCATCAGGT	6007	TGCAGGACCAGAGAATTCGAATACAA ACCACTGNNNTGCATCAGGT	6247	TGCAGGACCAGAGAATTCGAATACAC CACATTCNNNTGCATCAGGT	6487
TGCAGGACCAGAGAATTCGAATACAG GCCGACTNNNTGCATCAGGT	6008	TGCAGGACCAGAGAATTCGAATACAG TCGAGTTNNNTGCATCAGGT	6248	TGCAGGACCAGAGAATTCGAATACAC AAAAAGTNNNTGCATCAGGT	6488

FIG. 21A

Pool-28	SEQ ID NO:	Pool-29	SEQ ID NO:	Pool-30	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACAGTATTANNNACGTATGCCA	6489	TGCAGGACCAGAGAATTCGAATA CAGCTGACCGNNNACGTATGCCA	6729	TGCAGGACCAGAGAATTCGAATA CATATTCGTTNNNACGTATGCCA	6969
TGCAGGACCAGAGAATTCGAATA CAGTACTAATNNNACGTATGCCA	6490	TGCAGGACCAGAGAATTCGAATA CACCAGCATANNNACGTATGCCA	6730	TGCAGGACCAGAGAATTCGAATA CACCATTAAANNNACGTATGCCA	6970
TGCAGGACCAGAGAATTCGAATA CATTTATGCTNNNACGTATGCCA	6491	TGCAGGACCAGAGAATTCGAATA CACGAAGGATNNNACGTATGCCA	6731	TGCAGGACCAGAGAATTCGAATA CAGTTGGCGCNNNACGTATGCCA	6971
TGCAGGACCAGAGAATTCGAATA CAGTCATCCTNNNACGTATGCCA	6492	TGCAGGACCAGAGAATTCGAATA CACGACGAGGNNNACGTATGCCA	6732	TGCAGGACCAGAGAATTCGAATA CACTGGCGTGNNNACGTATGCCA	6972
TGCAGGACCAGAGAATTCGAATA CACGAATAAANNNACGTATGCCA	6493	TGCAGGACCAGAGAATTCGAATA CATATAACCANNNACGTATGCCA	6733	TGCAGGACCAGAGAATTCGAATA CAAATACCCGNNNACGTATGCCA	6973
TGCAGGACCAGAGAATTCGAATA CAGACGTATCNNNACGTATGCCA	6494	TGCAGGACCAGAGAATTCGAATA CAGTGGTTTGNNNACGTATGCCA	6734	TGCAGGACCAGAGAATTCGAATA CACACAAACCNNNACGTATGCCA	6974
TGCAGGACCAGAGAATTCGAATA CAAATTCACANNNACGTATGCCA	6495	TGCAGGACCAGAGAATTCGAATA CAGTTGCGATNNNACGTATGCCA	6735	TGCAGGACCAGAGAATTCGAATA CAATTAATATNNNACGTATGCCA	6975
TGCAGGACCAGAGAATTCGAATA CAAATCCGCANNNACGTATGCCA	6496	TGCAGGACCAGAGAATTCGAATA CAATACCCTCNNNACGTATGCCA	6736	TGCAGGACCAGAGAATTCGAATA CAGATTAGCCNNNACGTATGCCA	6976
TGCAGGACCAGAGAATTCGAATA CAACCTATTTNNNACGTATGCCA	6497	TGCAGGACCAGAGAATTCGAATA CACTCGAAGTNNNACGTATGCCA	6737	TGCAGGACCAGAGAATTCGAATA CAGACAAAATNNNACGTATGCCA	6977
TGCAGGACCAGAGAATTCGAATA CAGCTTACTCNNNACGTATGCCA	6498	TGCAGGACCAGAGAATTCGAATA CACAGGCCGTNNNACGTATGCCA	6738	TGCAGGACCAGAGAATTCGAATA CAAATATTTANNNACGTATGCCA	6978
TGCAGGACCAGAGAATTCGAATA CATTGGATGCNNNACGTATGCCA	6499	TGCAGGACCAGAGAATTCGAATA CAATAGTCATNNNACGTATGCCA	6739	TGCAGGACCAGAGAATTCGAATA CAAAAAGTCANNNACGTATGCCA	6979
TGCAGGACCAGAGAATTCGAATA CAGCGGACGANNNACGTATGCCA	6500	TGCAGGACCAGAGAATTCGAATA CACTCCGTCGNNNACGTATGCCA	6740	TGCAGGACCAGAGAATTCGAATA CAGTCTATAANNNACGTATGCCA	6980
TGCAGGACCAGAGAATTCGAATA CAACAAGTTTNNNACGTATGCCA	6501	TGCAGGACCAGAGAATTCGAATA CAGTGCCGTGNNNACGTATGCCA	6741	TGCAGGACCAGAGAATTCGAATA CAAAAAACGTNNNACGTATGCCA	6981
TGCAGGACCAGAGAATTCGAATA CATATCTCATNNNACGTATGCCA	6502	TGCAGGACCAGAGAATTCGAATA CAAGTAAAGTNNNACGTATGCCA	6742	TGCAGGACCAGAGAATTCGAATA CATTGCTCTGNNNACGTATGCCA	6982
TGCAGGACCAGAGAATTCGAATA CAGGTTTGGTNNNACGTATGCCA	6503	TGCAGGACCAGAGAATTCGAATA CATATTGCAANNNACGTATGCCA	6743	TGCAGGACCAGAGAATTCGAATA CAATGATGAANNNACGTATGCCA	6983
TGCAGGACCAGAGAATTCGAATA CATAATTCCTNNNACGTATGCCA	6504	TGCAGGACCAGAGAATTCGAATA CAACCCAGCGNNNACGTATGCCA	6744	TGCAGGACCAGAGAATTCGAATA CATCCCTGTANNNACGTATGCCA	6984
TGCAGGACCAGAGAATTCGAATA CAACGTCGTANNNACGTATGCCA	6505	TGCAGGACCAGAGAATTCGAATA CATGTCAAATNNNACGTATGCCA	6745	TGCAGGACCAGAGAATTCGAATA CAACATCCGANNNACGTATGCCA	6985
TGCAGGACCAGAGAATTCGAATA CAGAAGCTAGNNNACGTATGCCA	6506	TGCAGGACCAGAGAATTCGAATA CAGTGAAACGNNNACGTATGCCA	6746	TGCAGGACCAGAGAATTCGAATA CATTAGATCANNNACGTATGCCA	6986
TGCAGGACCAGAGAATTCGAATA CAACGAATCCNNNACGTATGCCA	6507	TGCAGGACCAGAGAATTCGAATA CAAGCGGATANNNACGTATGCCA	6747	TGCAGGACCAGAGAATTCGAATA CACGCCTACCNNNACGTATGCCA	6987
TGCAGGACCAGAGAATTCGAATA CATCTTAATCNNNACGTATGCCA	6508	TGCAGGACCAGAGAATTCGAATA CAACGCAGTTNNNACGTATGCCA	6748	TGCAGGACCAGAGAATTCGAATA CACTCTAACCNNNACGTATGCCA	6988
TGCAGGACCAGAGAATTCGAATA CAGCTTTTCGNNNACGTATGCCA	6509	TGCAGGACCAGAGAATTCGAATA CATAAGGATANNNACGTATGCCA	6749	TGCAGGACCAGAGAATTCGAATA CACGTCATCTNNNACGTATGCCA	6989
TGCAGGACCAGAGAATTCGAATA CATGCTGAGTNNNACGTATGCCA	6510	TGCAGGACCAGAGAATTCGAATA CATAGTGGAGNNNACGTATGCCA	6750	TGCAGGACCAGAGAATTCGAATA CACACCTATCNNNACGTATGCCA	6990
TGCAGGACCAGAGAATTCGAATA CACGTTGCAANNNACGTATGCCA	6511	TGCAGGACCAGAGAATTCGAATA CATGTGGAAGNNNACGTATGCCA	6751	TGCAGGACCAGAGAATTCGAATA CATCGCTATCNNNACGTATGCCA	6991
TGCAGGACCAGAGAATTCGAATA CACAGTACGTNNNACGTATGCCA	6512	TGCAGGACCAGAGAATTCGAATA CACCCACGTCNNNACGTATGCCA	6752	TGCAGGACCAGAGAATTCGAATA CAGAAGGCCGNNNACGTATGCCA	6992
TGCAGGACCAGAGAATTCGAATA CATGGATTTANNNACGTATGCCA	6513	TGCAGGACCAGAGAATTCGAATA CAGTAACGGANNNACGTATGCCA	6753	TGCAGGACCAGAGAATTCGAATA CAGTTTTCGCNNNACGTATGCCA	6993
TGCAGGACCAGAGAATTCGAATA CAGTGTAGAGNNNACGTATGCCA	6514	TGCAGGACCAGAGAATTCGAATA CATTCTACATNNNACGTATGCCA	6754	TGCAGGACCAGAGAATTCGAATA CAAGTGGCCCNNNACGTATGCCA	6994
TCCACCACCACACAATTCCAATA CACTTTAGAANNNACGTATGCCA	6515	TCCACCACCACACAATTCCAATA CATCAATGATNNNACGTATGCCA	6755	TCCACCACCACACAATTCCAATA CAAGCCATACNNNACGTATGCCA	6995
TGCAGGACCAGAGAATTCGAATA CAATATAGTCNNNACGTATGCCA	6516	TGCAGGACCAGAGAATTCGAATA CATCGCGAATNNNACGTATGCCA	6756	TGCAGGACCAGAGAATTCGAATA CAATTCCGAGNNNACGTATGCCA	6996
TGCAGGACCAGAGAATTCGAATA CAGTAGAGCANNNACGTATGCCA	6517	TGCAGGACCAGAGAATTCGAATA CATAATGACTNNNACGTATGCCA	6757	TGCAGGACCAGAGAATTCGAATA CACAACCGATNNNACGTATGCCA	6997
TGCAGGACCAGAGAATTCGAATA CATAAATACCNNNACGTATGCCA	6518	TGCAGGACCAGAGAATTCGAATA CACAGGTTTGNNNACGTATGCCA	6758	TGCAGGACCAGAGAATTCGAATA CAAAGTATGANNNACGTATGCCA	6998
TGCAGGACCAGAGAATTCGAATA CACAGGACAANNNACGTATGCCA	6519	TGCAGGACCAGAGAATTCGAATA CATTCGGCTTNNNACGTATGCCA	6759	TGCAGGACCAGAGAATTCGAATA CAATCTGCCTNNNACGTATGCCA	6999
TGCAGGACCAGAGAATTCGAATA CAATATCACANNNACGTATGCCA	6520	TGCAGGACCAGAGAATTCGAATA CACCTTATTANNNACGTATGCCA	6760	TGCAGGACCAGAGAATTCGAATA CACTCATTTANNNACGTATGCCA	7000
TGCAGGACCAGAGAATTCGAATA CATGAATCATNNNACGTATGCCA	6521	TGCAGGACCAGAGAATTCGAATA CATAGCATGCNNNACGTATGCCA	6761	TGCAGGACCAGAGAATTCGAATA CATAAATCACNNNACGTATGCCA	7001

FIG. 21B

Pool-28	SEQ ID NO:	Pool-29	SEQ ID NO:	Pool-30	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACTACGTAGNNNACGTATGCCA	6522	TGCAGGACCAGAGAATTCGAATA CAAAAACGCGNNNACGTATGCCA	6762	TGCAGGACCAGAGAATTCGAATA CACCGAGACCNNNACGTATGCCA	7002
TGCAGGACCAGAGAATTCGAATA CAGTACATCGNNNACGTATGCCA	6523	TGCAGGACCAGAGAATTCGAATA CATAGCTGACNNNACGTATGCCA	6763	TGCAGGACCAGAGAATTCGAATA CATCGCCCACNNNACGTATGCCA	7003
TGCAGGACCAGAGAATTCGAATA CACGCAGTGCNNNACGTATGCCA	6524	TGCAGGACCAGAGAATTCGAATA CACTACCCCGNNNACGTATGCCA	6764	TGCAGGACCAGAGAATTCGAATA CAACGACTTGNNNACGTATGCCA	7004
TGCAGGACCAGAGAATTCGAATA CAAACAAAGTNNNACGTATGCCA	6525	TGCAGGACCAGAGAATTCGAATA CAAGCTGTCANNNACGTATGCCA	6765	TGCAGGACCAGAGAATTCGAATA CAGTTTAGCGNNNACGTATGCCA	7005
TGCAGGACCAGAGAATTCGAATA CAAAACTTCANNNACGTATGCCA	6526	TGCAGGACCAGAGAATTCGAATA CACCCTCAGCNNNACGTATGCCA	6766	TGCAGGACCAGAGAATTCGAATA CAGTTTCAAANNNACGTATGCCA	7006
TGCAGGACCAGAGAATTCGAATA CAAGGAGCCGNNNACGTATGCCA	6527	TGCAGGACCAGAGAATTCGAATA CACACGTTCTNNNACGTATGCCA	6767	TGCAGGACCAGAGAATTCGAATA CAGAATGCGANNNACGTATGCCA	7007
TGCAGGACCAGAGAATTCGAATA CACGTGACATNNNACGTATGCCA	6528	TGCAGGACCAGAGAATTCGAATA CAACGGAACANNNACGTATGCCA	6768	TGCAGGACCAGAGAATTCGAATA CAACCCGTAANNNACGTATGCCA	7008
TGCAGGACCAGAGAATTCGAATA CAATACATCANNNACGTATGCCA	6529	TGCAGGACCAGAGAATTCGAATA CAGATCATTANNNACGTATGCCA	6769	TGCAGGACCAGAGAATTCGAATA CAGTCACCAANNNACGTATGCCA	7009
TGCAGGACCAGAGAATTCGAATA CAAATAACCTNNNACGTATGCCA	6530	TGCAGGACCAGAGAATTCGAATA CACTAGAACCNNNACGTATGCCA	6770	TGCAGGACCAGAGAATTCGAATA CATTGGACTGNNNACGTATGCCA	7010
TGCAGGACCAGAGAATTCGAATA CACCAGCTTTNNNACGTATGCCA	6531	TGCAGGACCAGAGAATTCGAATA CATTTAGGTANNNACGTATGCCA	6771	TGCAGGACCAGAGAATTCGAATA CAAAGCTTGCNNNACGTATGCCA	7011
TGCAGGACCAGAGAATTCGAATA CATCCGTTTGNNNACGTATGCCA	6532	TGCAGGACCAGAGAATTCGAATA CATGATATTGNNNACGTATGCCA	6772	TGCAGGACCAGAGAATTCGAATA CATTATTTATNNNACGTATGCCA	7012
TGCAGGACCAGAGAATTCGAATA CACAGTCGGCNNNACGTATGCCA	6533	TGCAGGACCAGAGAATTCGAATA CAGCGAAAACNNNACGTATGCCA	6773	TGCAGGACCAGAGAATTCGAATA CATACAATGTNNNACGTATGCCA	7013
TGCAGGACCAGAGAATTCGAATA CATGATCGGTNNNACGTATGCCA	6534	TGCAGGACCAGAGAATTCGAATA CAACTAACGCNNNACGTATGCCA	6774	TGCAGGACCAGAGAATTCGAATA CAAAAGTGGCNNNACGTATGCCA	7014
TGCAGGACCAGAGAATTCGAATA CAACACACACNNNACGTATGCCA	6535	TGCAGGACCAGAGAATTCGAATA CATACTTGCCNNNACGTATGCCA	6775	TGCAGGACCAGAGAATTCGAATA CAGCTGCTCCNNNACGTATGCCA	7015
TGCAGGACCAGAGAATTCGAATA CATCACGCAANNNACGTATGCCA	6536	TGCAGGACCAGAGAATTCGAATA CACGTGCTAANNNACGTATGCCA	6776	TGCAGGACCAGAGAATTCGAATA CAGCTGATACNNNACGTATGCCA	7016
TGCAGGACCAGAGAATTCGAATA CATCGTACTCNNNACGTATGCCA	6537	TGCAGGACCAGAGAATTCGAATA CAAAACAGTANNNACGTATGCCA	6777	TGCAGGACCAGAGAATTCGAATA CACTTTGATTNNNACGTATGCCA	7017
TGCAGGACCAGAGAATTCGAATA CATTCAGACGNNNACGTATGCCA	6538	TGCAGGACCAGAGAATTCGAATA CAGCATCATGNNNACGTATGCCA	6778	TGCAGGACCAGAGAATTCGAATA CACTTGTGAGNNNACGTATGCCA	7018
TGCAGGACCAGAGAATTCGAATA CAGCGCACGTNNNACGTATGCCA	6539	TGCAGGACCAGAGAATTCGAATA CAACCTCGAANNNACGTATGCCA	6779	TGCAGGACCAGAGAATTCGAATA CAACTTCCGTNNNACGTATGCCA	7019
TGCAGGACCAGAGAATTCGAATA CACCAGACATNNNACGTATGCCA	6540	TGCAGGACCAGAGAATTCGAATA CAACAGCTACNNNACGTATGCCA	6780	TGCAGGACCAGAGAATTCGAATA CACAAGATCCNNNACGTATGCCA	7020
TGCAGGACCAGAGAATTCGAATA CATATTGATGNNNACGTATGCCA	6541	TGCAGGACCAGAGAATTCGAATA CACGTCAACANNNACGTATGCCA	6781	TGCAGGACCAGAGAATTCGAATA CAGTCGCCTCNNNACGTATGCCA	7021
TGCAGGACCAGAGAATTCGAATA CACGAGATAGNNNACGTATGCCA	6542	TGCAGGACCAGAGAATTCGAATA CACCGGCCCCNNNACGTATGCCA	6782	TGCAGGACCAGAGAATTCGAATA CAGTGGTGAANNNACGTATGCCA	7022
TGCAGGACCAGAGAATTCGAATA CAATACGAAANNNACGTATGCCA	6543	TGCAGGACCAGAGAATTCGAATA CATCGCGTGGNNNACGTATGCCA	6783	TGCAGGACCAGAGAATTCGAATA CAAGTAAGTANNNACGTATGCCA	7023
TGCAGGACCAGAGAATTCGAATA CAGATGAGACNNNACGTATGCCA	6544	TGCAGGACCAGAGAATTCGAATA CAAAGACTGGNNNACGTATGCCA	6784	TGCAGGACCAGAGAATTCGAATA CAATTTATTTNNNACGTATGCCA	7024
TGCAGGACCAGAGAATTCGAATA CATACAATCANNNACGTATGCCA	6545	TGCAGGACCAGAGAATTCGAATA CAGCAATGAGNNNACGTATGCCA	6785	TGCAGGACCAGAGAATTCGAATA CAGGAATCGANNNACGTATGCCA	7025
TGCAGGACCAGAGAATTCGAATA CATTTAATAANNNACGTATGCCA	6546	TGCAGGACCAGAGAATTCGAATA CAAGGAGCTANNNACGTATGCCA	6786	TGCAGGACCAGAGAATTCGAATA CACGTGCTTTNNNACGTATGCCA	7026
TGCAGGACCAGAGAATTCGAATA CAGCGCGTCANNNACGTATGCCA	6547	TGCAGGACCAGAGAATTCGAATA CACCTGAGATNNNACGTATGCCA	6787	TGCAGGACCAGAGAATTCGAATA CAGTTAAACTNNNACGTATGCCA	7027
TCCACCACCACACAATTCCAATA CACGATGATCNNNACGTATGCCA	6548	TCCACCACCACACAATTCCAATA CAACGGAGGCNNNACGTATGCCA	6788	TCCACCACCACACAATTCCAATA CAATCTTAAGNNNACGTATGCCA	7028
TGCAGGACCAGAGAATTCGAATA CACCGAAGCCNNNCTAGCGTTAC	6549	TGCAGGACCAGAGAATTCGAATA CAGATCGGCCNNNCTAGCGTTAC	6789	TGCAGGACCAGAGAATTCGAATA CAAACTCAGCNNNCTAGCGTTAC	7029
TGCAGGACCAGAGAATTCGAATA CACCAAACACNNNCTAGCGTTAC	6550	TGCAGGACCAGAGAATTCGAATA CATGCTGCAANNNCTAGCGTTAC	6790	TGCAGGACCAGAGAATTCGAATA CAACGAAAGCNNNCTAGCGTTAC	7030
TGCAGGACCAGAGAATTCGAATA CAGGTCTTCTNNNCTAGCGTTAC	6551	TGCAGGACCAGAGAATTCGAATA CATCGGAATCNNNCTAGCGTTAC	6791	TGCAGGACCAGAGAATTCGAATA CAGCGTAATCNNNCTAGCGTTAC	7031
TGCAGGACCAGAGAATTCGAATA CACCTCGGTCNNNCTAGCGTTAC	6552	TGCAGGACCAGAGAATTCGAATA CAGACGGCTCNNNCTAGCGTTAC	6792	TGCAGGACCAGAGAATTCGAATA CAAGGTGGTANNNCTAGCGTTAC	7032
TGCAGGACCAGAGAATTCGAATA CACCGCTGGANNNCTAGCGTTAC	6553	TGCAGGACCAGAGAATTCGAATA CAAGTTGGAGNNNCTAGCGTTAC	6793	TGCAGGACCAGAGAATTCGAATA CACTTGAGTGNNNCTAGCGTTAC	7033
TGCAGGACCAGAGAATTCGAATA CAACCACCTTNNNCTAGCGTTAC	6554	TGCAGGACCAGAGAATTCGAATA CAAGTACGTCNNNCTAGCGTTAC	6794	TGCAGGACCAGAGAATTCGAATA CACTCGCCGTNNNCTAGCGTTAC	7034

FIG. 21C

Pool-28	SEQ ID NO:	Pool-29	SEQ ID NO:	Pool-30	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATCTAAGTANNNCTAGCGTTAC	6555	TGCAGGACCAGAGAATTCGAATA CACGATTAATNNNCTAGCGTTAC	6795	TGCAGGACCAGAGAATTCGAATA CAGGCCTAATNNNCTAGCGTTAC	7035
TGCAGGACCAGAGAATTCGAATA CAATTATAATNNNCTAGCGTTAC	6556	TGCAGGACCAGAGAATTCGAATA CATTACGCCTNNNCTAGCGTTAC	6796	TGCAGGACCAGAGAATTCGAATA CAACCCCCTGNNNCTAGCGTTAC	7036
TGCAGGACCAGAGAATTCGAATA CATGGACCGCNNNCTAGCGTTAC	6557	TGCAGGACCAGAGAATTCGAATA CAAGGAGTTGNNNCTAGCGTTAC	6797	TGCAGGACCAGAGAATTCGAATA CACCCTATCANNNCTAGCGTTAC	7037
TGCAGGACCAGAGAATTCGAATA CACTTCATTANNNCTAGCGTTAC	6558	TGCAGGACCAGAGAATTCGAATA CAGTACACCANNNCTAGCGTTAC	6798	TGCAGGACCAGAGAATTCGAATA CATAGAACAANNNCTAGCGTTAC	7038
TGCAGGACCAGAGAATTCGAATA CAACGCACTANNNCTAGCGTTAC	6559	TGCAGGACCAGAGAATTCGAATA CAGGAAAATTNNNCTAGCGTTAC	6799	TGCAGGACCAGAGAATTCGAATA CACCGGAGGANNNCTAGCGTTAC	7039
TGCAGGACCAGAGAATTCGAATA CATCATGGCANNNCTAGCGTTAC	6560	TGCAGGACCAGAGAATTCGAATA CACGGTTCTTNNNCTAGCGTTAC	6800	TGCAGGACCAGAGAATTCGAATA CAATGAACAANNNCTAGCGTTAC	7040
TGCAGGACCAGAGAATTCGAATA CAGGCTTAACNNNCTAGCGTTAC	6561	TGCAGGACCAGAGAATTCGAATA CAGGTCGACCNNNCTAGCGTTAC	6801	TGCAGGACCAGAGAATTCGAATA CATTCGAAGCNNNCTAGCGTTAC	7041
TGCAGGACCAGAGAATTCGAATA CAATGGTATTNNNCTAGCGTTAC	6562	TGCAGGACCAGAGAATTCGAATA CATTCGCTCANNNCTAGCGTTAC	6802	TGCAGGACCAGAGAATTCGAATA CAAACAACAANNNCTAGCGTTAC	7042
TGCAGGACCAGAGAATTCGAATA CAGTATGCTGNNNCTAGCGTTAC	6563	TGCAGGACCAGAGAATTCGAATA CACGCAGCGTNNNCTAGCGTTAC	6803	TGCAGGACCAGAGAATTCGAATA CATCCTTTGGNNNCTAGCGTTAC	7043
TGCAGGACCAGAGAATTCGAATA CAATCGTGGTNNNCTAGCGTTAC	6564	TGCAGGACCAGAGAATTCGAATA CAGCTGTGCGNNNCTAGCGTTAC	6804	TGCAGGACCAGAGAATTCGAATA CAAAACGAATNNNCTAGCGTTAC	7044
TGCAGGACCAGAGAATTCGAATA CAGCTTAGGTNNNCTAGCGTTAC	6565	TGCAGGACCAGAGAATTCGAATA CACACCAGTANNNCTAGCGTTAC	6805	TGCAGGACCAGAGAATTCGAATA CATCCAGTGANNNCTAGCGTTAC	7045
TGCAGGACCAGAGAATTCGAATA CATCTGTATTNNNCTAGCGTTAC	6566	TGCAGGACCAGAGAATTCGAATA CAATCATTGANNNCTAGCGTTAC	6806	TGCAGGACCAGAGAATTCGAATA CACTTCAAAANNNCTAGCGTTAC	7046
TGCAGGACCAGAGAATTCGAATA CAGGATAGCANNNCTAGCGTTAC	6567	TGCAGGACCAGAGAATTCGAATA CATAATCATGNNNCTAGCGTTAC	6807	TGCAGGACCAGAGAATTCGAATA CATATCTAGANNNCTAGCGTTAC	7047
TGCAGGACCAGAGAATTCGAATA CATTCACTCGNNNCTAGCGTTAC	6568	TGCAGGACCAGAGAATTCGAATA CAGTTGACCANNNCTAGCGTTAC	6808	TGCAGGACCAGAGAATTCGAATA CAAACGGCTTNNNCTAGCGTTAC	7048
TGCAGGACCAGAGAATTCGAATA CATTCGGACANNNCTAGCGTTAC	6569	TGCAGGACCAGAGAATTCGAATA CAACTCATGGNNNCTAGCGTTAC	6809	TGCAGGACCAGAGAATTCGAATA CAACTTTTCANNNCTAGCGTTAC	7049
TGCAGGACCAGAGAATTCGAATA CACGGTCGGTNNNCTAGCGTTAC	6570	TGCAGGACCAGAGAATTCGAATA CACCCAGTTTNNNCTAGCGTTAC	6810	TGCAGGACCAGAGAATTCGAATA CAAGTGCTTGNNNCTAGCGTTAC	7050
TGCAGGACCAGAGAATTCGAATA CAAGATCGCTNNNCTAGCGTTAC	6571	TGCAGGACCAGAGAATTCGAATA CATCAAGGAGNNNCTAGCGTTAC	6811	TGCAGGACCAGAGAATTCGAATA CAATGGTCCANNNCTAGCGTTAC	7051
TGCAGGACCAGAGAATTCGAATA CAGCATTCGANNNCTAGCGTTAC	6572	TGCAGGACCAGAGAATTCGAATA CAAACGCTTGNNNCTAGCGTTAC	6812	TGCAGGACCAGAGAATTCGAATA CAGCCCCCTANNNCTAGCGTTAC	7052
TGCAGGACCAGAGAATTCGAATA CACGCTGATANNNCTAGCGTTAC	6573	TGCAGGACCAGAGAATTCGAATA CACTTATATCNNNCTAGCGTTAC	6813	TGCAGGACCAGAGAATTCGAATA CAGTTGCTCTNNNCTAGCGTTAC	7053
TGCAGGACCAGAGAATTCGAATA CACGGTTAACNNNCTAGCGTTAC	6574	TGCAGGACCAGAGAATTCGAATA CAAGTGTCCANNNCTAGCGTTAC	6814	TGCAGGACCAGAGAATTCGAATA CAGCATATATNNNCTAGCGTTAC	7054
TGCAGGACCAGAGAATTCGAATA CAAATGTCATNNNCTAGCGTTAC	6575	TGCAGGACCAGAGAATTCGAATA CAAGCGACGGNNNCTAGCGTTAC	6815	TGCAGGACCAGAGAATTCGAATA CAGGTCTTGANNNCTAGCGTTAC	7055
TGCAGGACCAGAGAATTCGAATA CAGCAAGACANNNCTAGCGTTAC	6576	TGCAGGACCAGAGAATTCGAATA CACTGTCCCGNNNCTAGCGTTAC	6816	TGCAGGACCAGAGAATTCGAATA CAACTATTTCNNNCTAGCGTTAC	7056
TGCAGGACCAGAGAATTCGAATA CACCAGCCTCNNNCTAGCGTTAC	6577	TGCAGGACCAGAGAATTCGAATA CAACTCACCTNNNCTAGCGTTAC	6817	TGCAGGACCAGAGAATTCGAATA CACTTAAAACNNNCTAGCGTTAC	7057
TGCAGGACCAGAGAATTCGAATA CACTTGTTCGNNNCTAGCGTTAC	6578	TGCAGGACCAGAGAATTCGAATA CAAATTTCGANNNCTAGCGTTAC	6818	TGCAGGACCAGAGAATTCGAATA CATCGCAGCGNNNCTAGCGTTAC	7058
TGCAGGACCAGAGAATTCGAATA CATATCGGTGNNNCTAGCGTTAC	6579	TGCAGGACCAGAGAATTCGAATA CAGTAATATCNNNCTAGCGTTAC	6819	TGCAGGACCAGAGAATTCGAATA CAGATTCGACNNNCTAGCGTTAC	7059
TGCAGGACCAGAGAATTCGAATA CACTGGCATANNNCTAGCGTTAC	6580	TGCAGGACCAGAGAATTCGAATA CACAAGAAATNNNCTAGCGTTAC	6820	TGCAGGACCAGAGAATTCGAATA CATGGCCGTGNNNCTAGCGTTAC	7060
TCCACCACCACACAATTCCAATA CATGCAGGCCNNNCTAGCGTTAC	6581	TCCACCACCACACAATTCCAATA CAATTCCCCANNNCTAGCGTTAC	6821	TCCACCACCACACAATTCCAATA CAAAGGCATGNNNCTAGCGTTAC	7061
TGCAGGACCAGAGAATTCGAATA CATTCCTCCTNNNCTAGCGTTAC	6582	TGCAGGACCAGAGAATTCGAATA CACTCTTAGCNNNCTAGCGTTAC	6822	TGCAGGACCAGAGAATTCGAATA CAATGATCTANNNCTAGCGTTAC	7062
TGCAGGACCAGAGAATTCGAATA CATAACGGAGNNNCTAGCGTTAC	6583	TGCAGGACCAGAGAATTCGAATA CATACCAGCANNNCTAGCGTTAC	6823	TGCAGGACCAGAGAATTCGAATA CATCGGCAATNNNCTAGCGTTAC	7063
TGCAGGACCAGAGAATTCGAATA CAGAGTGGATNNNCTAGCGTTAC	6584	TGCAGGACCAGAGAATTCGAATA CACACGCCTCNNNCTAGCGTTAC	6824	TGCAGGACCAGAGAATTCGAATA CAATCCGCTTNNNCTAGCGTTAC	7064
TGCAGGACCAGAGAATTCGAATA CATCGTAAATNNNCTAGCGTTAC	6585	TGCAGGACCAGAGAATTCGAATA CAAATCGAGGNNNCTAGCGTTAC	6825	TGCAGGACCAGAGAATTCGAATA CAGAAGTGGTNNNCTAGCGTTAC	7065
TGCAGGACCAGAGAATTCGAATA CACAACGACTNNNCTAGCGTTAC	6586	TGCAGGACCAGAGAATTCGAATA CACATACAATNNNCTAGCGTTAC	6826	TGCAGGACCAGAGAATTCGAATA CAGGAACAGTNNNCTAGCGTTAC	7066
TGCAGGACCAGAGAATTCGAATA CAGCACCCCTNNNCTAGCGTTAC	6587	TGCAGGACCAGAGAATTCGAATA CATTATGTTCNNNCTAGCGTTAC	6827	TGCAGGACCAGAGAATTCGAATA CACTAAACATNNNCTAGCGTTAC	7067

FIG. 21D

Pool-28	SEQ ID NO:	Pool-29	SEQ ID NO:	Pool-30	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CAGATAATTCNNNCTAGCGTTAC	6588	TGCAGGACCAGAGAATTCGAATA CAGTCTGTCTNNNCTAGCGTTAC	6828	TGCAGGACCAGAGAATTCGAATA CAAAGGAGTCNNNCTAGCGTTAC	7068
TGCAGGACCAGAGAATTCGAATA CAAACTCAATNNNCTAGCGTTAC	6589	TGCAGGACCAGAGAATTCGAATA CAGTCTGAACNNNCTAGCGTTAC	6829	TGCAGGACCAGAGAATTCGAATA CATCCATGTCNNNCTAGCGTTAC	7069
TGCAGGACCAGAGAATTCGAATA CATCAAAACTNNNCTAGCGTTAC	6590	TGCAGGACCAGAGAATTCGAATA CAAGGTGCGGNNNCTAGCGTTAC	6830	TGCAGGACCAGAGAATTCGAATA CAGTACGAGANNNCTAGCGTTAC	7070
TGCAGGACCAGAGAATTCGAATA CAATTATTCCNNNCTAGCGTTAC	6591	TGCAGGACCAGAGAATTCGAATA CACAGAAACGNNNCTAGCGTTAC	6831	TGCAGGACCAGAGAATTCGAATA CAGGCCAGCTNNNCTAGCGTTAC	7071
TGCAGGACCAGAGAATTCGAATA CACTTCTTGGNNNCTAGCGTTAC	6592	TGCAGGACCAGAGAATTCGAATA CATCTGTTGCNNNCTAGCGTTAC	6832	TGCAGGACCAGAGAATTCGAATA CAGTCCGATANNNCTAGCGTTAC	7072
TGCAGGACCAGAGAATTCGAATA CATAAGTAAGNNNCTAGCGTTAC	6593	TGCAGGACCAGAGAATTCGAATA CACGATGGTTNNNCTAGCGTTAC	6833	TGCAGGACCAGAGAATTCGAATA CATGTTACAANNNCTAGCGTTAC	7073
TGCAGGACCAGAGAATTCGAATA CACTAACCCTNNNCTAGCGTTAC	6594	TGCAGGACCAGAGAATTCGAATA CAATAATATTNNNCTAGCGTTAC	6834	TGCAGGACCAGAGAATTCGAATA CACATTCCACNNNCTAGCGTTAC	7074
TGCAGGACCAGAGAATTCGAATA CAATAGCGTCNNNCTAGCGTTAC	6595	TGCAGGACCAGAGAATTCGAATA CAATCGACGTNNNCTAGCGTTAC	6835	TGCAGGACCAGAGAATTCGAATA CATGTTGAATNNNCTAGCGTTAC	7075
TGCAGGACCAGAGAATTCGAATA CAAAGGTAATNNNCTAGCGTTAC	6596	TGCAGGACCAGAGAATTCGAATA CAGAGGAAAGNNNCTAGCGTTAC	6836	TGCAGGACCAGAGAATTCGAATA CAAGAAACGCNNNCTAGCGTTAC	7076
TGCAGGACCAGAGAATTCGAATA CATCACGTAGNNNCTAGCGTTAC	6597	TGCAGGACCAGAGAATTCGAATA CAATTACACANNNCTAGCGTTAC	6837	TGCAGGACCAGAGAATTCGAATA CATCCGACCCNNNCTAGCGTTAC	7077
TGCAGGACCAGAGAATTCGAATA CAAACCATATNNNCTAGCGTTAC	6598	TGCAGGACCAGAGAATTCGAATA CAGGACCTGCNNNCTAGCGTTAC	6838	TGCAGGACCAGAGAATTCGAATA CACACTAGTGNNNCTAGCGTTAC	7078
TGCAGGACCAGAGAATTCGAATA CAGACGAGTANNNCTAGCGTTAC	6599	TGCAGGACCAGAGAATTCGAATA CAACGTAGAGNNNCTAGCGTTAC	6839	TGCAGGACCAGAGAATTCGAATA CAACCGGCGTNNNCTAGCGTTAC	7079
TGCAGGACCAGAGAATTCGAATA CAATAAATTTNNNCTAGCGTTAC	6600	TGCAGGACCAGAGAATTCGAATA CACACGGCGTNNNCTAGCGTTAC	6840	TGCAGGACCAGAGAATTCGAATA CACTTGCTACNNNCTAGCGTTAC	7080
TGCAGGACCAGAGAATTCGAATA CAGAGCTAAGNNNCTAGCGTTAC	6601	TGCAGGACCAGAGAATTCGAATA CAATTACGTANNNCTAGCGTTAC	6841	TGCAGGACCAGAGAATTCGAATA CATTGCAGTGNNNCTAGCGTTAC	7081
TGCAGGACCAGAGAATTCGAATA CAGCGGATCCNNNCTAGCGTTAC	6602	TGCAGGACCAGAGAATTCGAATA CATATGTTGANNNCTAGCGTTAC	6842	TGCAGGACCAGAGAATTCGAATA CAAATGAAGTNNNCTAGCGTTAC	7082
TGCAGGACCAGAGAATTCGAATA CATTCATAGANNNCTAGCGTTAC	6603	TGCAGGACCAGAGAATTCGAATA CACAGACTCANNNCTAGCGTTAC	6843	TGCAGGACCAGAGAATTCGAATA CACTCGCCCANNNCTAGCGTTAC	7083
TGCAGGACCAGAGAATTCGAATA CATTAAGCATNNNCTAGCGTTAC	6604	TGCAGGACCAGAGAATTCGAATA CACGGATGCCNNNCTAGCGTTAC	6844	TGCAGGACCAGAGAATTCGAATA CAGTGGACCCNNNCTAGCGTTAC	7084
TGCAGGACCAGAGAATTCGAATA CATCGAGCGCNNNCTAGCGTTAC	6605	TGCAGGACCAGAGAATTCGAATA CATACATCTTNNNCTAGCGTTAC	6845	TGCAGGACCAGAGAATTCGAATA CAACGACTCANNNCTAGCGTTAC	7085
TGCAGGACCAGAGAATTCGAATA CATCGCACCCNNNCTAGCGTTAC	6606	TGCAGGACCAGAGAATTCGAATA CACTTCGTGTNNNCTAGCGTTAC	6846	TGCAGGACCAGAGAATTCGAATA CAACAACTTANNNCTAGCGTTAC	7086
TGCAGGACCAGAGAATTCGAATA CACTTGGACANNNCTAGCGTTAC	6607	TGCAGGACCAGAGAATTCGAATA CAGAACGCGGNNNCTAGCGTTAC	6847	TGCAGGACCAGAGAATTCGAATA CATCTGGTAGNNNCTAGCGTTAC	7087
TGCAGGACCAGAGAATTCGAATA CATTCCAGTCNNNCTAGCGTTAC	6608	TGCAGGACCAGAGAATTCGAATA CATCGGATTGNNNCTAGCGTTAC	6848	TGCAGGACCAGAGAATTCGAATA CACTATGGCANNNCTAGCGTTAC	7088
TGCAGGACCAGAGAATTCGAATA CAGTTTTTACNNNGATCGACATG	6609	TGCAGGACCAGAGAATTCGAATA CAAGACAAATNNNGATCGACATG	6849	TGCAGGACCAGAGAATTCGAATA CAACCCGCGANNNGATCGACATG	7089
TGCAGGACCAGAGAATTCGAATA CAAACTTAGTNNNGATCGACATG	6610	TGCAGGACCAGAGAATTCGAATA CACGAAGTAGNNNGATCGACATG	6850	TGCAGGACCAGAGAATTCGAATA CACGCGGTACNNNGATCGACATG	7090
TGCAGGACCAGAGAATTCGAATA CACGCGCGCGNNNGATCGACATG	6611	TGCAGGACCAGAGAATTCGAATA CAAAAGAGCCNNNGATCGACATG	6851	TGCAGGACCAGAGAATTCGAATA CACACATCAGNNNGATCGACATG	7091
TGCAGGACCAGAGAATTCGAATA CAAACTGTTANNNGATCGACATG	6612	TGCAGGACCAGAGAATTCGAATA CATGAGTGGANNNGATCGACATG	6852	TGCAGGACCAGAGAATTCGAATA CATAGACACCNNNGATCGACATG	7092
TGCAGGACCAGAGAATTCGAATA CAGTAAGTTTNNNGATCGACATG	6613	TGCAGGACCAGAGAATTCGAATA CACGCTCCCANNNGATCGACATG	6853	TGCAGGACCAGAGAATTCGAATA CAATGTAAAGNNNGATCGACATG	7093
TCCACCACCACACAATTCCAATA CACTTAGCAGNNNGATCGACATG	6614	TCCACCACCACACAATTCCAATA CAACACTTCCNNNGATCGACATG	6854	TCCACCACCACACAATTCCAATA CAATCCTCTGNNNGATCGACATG	7094
TGCAGGACCAGAGAATTCGAATA CAACTTTCCGNNNGATCGACATG	6615	TGCAGGACCAGAGAATTCGAATA CAGCAGTCATNNNGATCGACATG	6855	TGCAGGACCAGAGAATTCGAATA CAGTCGTCCCNNNGATCGACATG	7095
TGCAGGACCAGAGAATTCGAATA CACTCCTCTTNNNGATCGACATG	6616	TGCAGGACCAGAGAATTCGAATA CACCATATGGNNNGATCGACATG	6856	TGCAGGACCAGAGAATTCGAATA CAACTTGCAGNNNGATCGACATG	7096
TGCAGGACCAGAGAATTCGAATA CAAGATAATGNNNGATCGACATG	6617	TGCAGGACCAGAGAATTCGAATA CAATGCGCCGNNNGATCGACATG	6857	TGCAGGACCAGAGAATTCGAATA CAGAGCGCTCNNNGATCGACATG	7097
TGCAGGACCAGAGAATTCGAATA CACAGCCCTCNNNGATCGACATG	6618	TGCAGGACCAGAGAATTCGAATA CAGTTGAACCNNNGATCGACATG	6858	TGCAGGACCAGAGAATTCGAATA CATCGCCAGGNNNGATCGACATG	7098
TGCAGGACCAGAGAATTCGAATA CACGTAATTANNNGATCGACATG	6619	TGCAGGACCAGAGAATTCGAATA CAAAGGTTGGNNNGATCGACATG	6859	TGCAGGACCAGAGAATTCGAATA CACGATGCCGNNNGATCGACATG	7099
TGCAGGACCAGAGAATTCGAATA CAGTTCGTTCNNNGATCGACATG	6620	TGCAGGACCAGAGAATTCGAATA CAGCACGCTGNNNGATCGACATG	6860	TGCAGGACCAGAGAATTCGAATA CAACCCCCACNNNGATCGACATG	7100

FIG. 21E

Pool-28	SEQ ID NO:	Pool-29	SEQ ID NO:	Pool-30	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATTCCGTCANNNGATCGACATG	6621	TGCAGGACCAGAGAATTCGAATA CAGCTCATAGNNNGATCGACATG	6861	TGCAGGACCAGAGAATTCGAATA CATCATTTCANNNGATCGACATG	7101
TGCAGGACCAGAGAATTCGAATA CAACGACGTTNNNGATCGACATG	6622	TGCAGGACCAGAGAATTCGAATA CAACAGTCTGNNNGATCGACATG	6862	TGCAGGACCAGAGAATTCGAATA CATGCCGGTGNNNGATCGACATG	7102
TGCAGGACCAGAGAATTCGAATA CAAAGTAGCGNNNGATCGACATG	6623	TGCAGGACCAGAGAATTCGAATA CATTTAAGTGNNNGATCGACATG	6863	TGCAGGACCAGAGAATTCGAATA CACGCAAGAANNNGATCGACATG	7103
TGCAGGACCAGAGAATTCGAATA CAAGTGAAGCNNNGATCGACATG	6624	TGCAGGACCAGAGAATTCGAATA CAGATTAATCNNNGATCGACATG	6864	TGCAGGACCAGAGAATTCGAATA CATAGACCACNNNGATCGACATG	7104
TGCAGGACCAGAGAATTCGAATA CATTCTCATANNNGATCGACATG	6625	TGCAGGACCAGAGAATTCGAATA CAGAGAAAGGNNNGATCGACATG	6865	TGCAGGACCAGAGAATTCGAATA CAACCGAAGANNNGATCGACATG	7105
TGCAGGACCAGAGAATTCGAATA CAAGTAGAGCNNNGATCGACATG	6626	TGCAGGACCAGAGAATTCGAATA CAACATTCGGNNNGATCGACATG	6866	TGCAGGACCAGAGAATTCGAATA CATCTTGTTANNNGATCGACATG	7106
TGCAGGACCAGAGAATTCGAATA CATCCCGATTNNNGATCGACATG	6627	TGCAGGACCAGAGAATTCGAATA CATTGCGTCTNNNGATCGACATG	6867	TGCAGGACCAGAGAATTCGAATA CACAGACTGTNNNGATCGACATG	7107
TGCAGGACCAGAGAATTCGAATA CACAAGGTCTNNNGATCGACATG	6628	TGCAGGACCAGAGAATTCGAATA CAGCTCACAANNNGATCGACATG	6868	TGCAGGACCAGAGAATTCGAATA CAGATCTGCANNNGATCGACATG	7108
TGCAGGACCAGAGAATTCGAATA CAGAGTATGGNNNGATCGACATG	6629	TGCAGGACCAGAGAATTCGAATA CACGTTAACGNNNGATCGACATG	6869	TGCAGGACCAGAGAATTCGAATA CATCGAAGGANNNGATCGACATG	7109
TGCAGGACCAGAGAATTCGAATA CACCGCAGTGNNNGATCGACATG	6630	TGCAGGACCAGAGAATTCGAATA CAGTACGTTGNNNGATCGACATG	6870	TGCAGGACCAGAGAATTCGAATA CACGGAGCAGNNNGATCGACATG	7110
TGCAGGACCAGAGAATTCGAATA CAGAAGCTCTNNNGATCGACATG	6631	TGCAGGACCAGAGAATTCGAATA CATGCTCAGANNNGATCGACATG	6871	TGCAGGACCAGAGAATTCGAATA CACACCGGACNNNGATCGACATG	7111
TGCAGGACCAGAGAATTCGAATA CAGTGCAAGANNNGATCGACATG	6632	TGCAGGACCAGAGAATTCGAATA CATACCAAATNNNGATCGACATG	6872	TGCAGGACCAGAGAATTCGAATA CAATAACGTTNNNGATCGACATG	7112
TGCAGGACCAGAGAATTCGAATA CAAACGGTAGNNNGATCGACATG	6633	TGCAGGACCAGAGAATTCGAATA CACCATGATGNNNGATCGACATG	6873	TGCAGGACCAGAGAATTCGAATA CATGTCTGGANNNGATCGACATG	7113
TGCAGGACCAGAGAATTCGAATA CACTTCGACTNNNGATCGACATG	6634	TGCAGGACCAGAGAATTCGAATA CATATATGCANNNGATCGACATG	6874	TGCAGGACCAGAGAATTCGAATA CATATGGACCNNNGATCGACATG	7114
TGCAGGACCAGAGAATTCGAATA CACCGACGACNNNGATCGACATG	6635	TGCAGGACCAGAGAATTCGAATA CACCGCTTATNNNGATCGACATG	6875	TGCAGGACCAGAGAATTCGAATA CACAACTTGGNNNGATCGACATG	7115
TGCAGGACCAGAGAATTCGAATA CACTACACTCNNNGATCGACATG	6636	TGCAGGACCAGAGAATTCGAATA CAGGCGTCACNNNGATCGACATG	6876	TGCAGGACCAGAGAATTCGAATA CACAATCGACNNNGATCGACATG	7116
TGCAGGACCAGAGAATTCGAATA CAAGCTAAGGNNNGATCGACATG	6637	TGCAGGACCAGAGAATTCGAATA CAGGCATAAGNNNGATCGACATG	6877	TGCAGGACCAGAGAATTCGAATA CAGCAAGGCGNNNGATCGACATG	7117
TGCAGGACCAGAGAATTCGAATA CAGAGTATCCNNNGATCGACATG	6638	TGCAGGACCAGAGAATTCGAATA CAGAATTTGTNNNGATCGACATG	6878	TGCAGGACCAGAGAATTCGAATA CAGCCAACGCNNNGATCGACATG	7118
TGCAGGACCAGAGAATTCGAATA CATCCTACCANNNGATCGACATG	6639	TGCAGGACCAGAGAATTCGAATA CATCTTGACCNNNGATCGACATG	6879	TGCAGGACCAGAGAATTCGAATA CATCGTTAAANNNGATCGACATG	7119
TGCAGGACCAGAGAATTCGAATA CATTTTTCTCNNNGATCGACATG	6640	TGCAGGACCAGAGAATTCGAATA CAACACCTAGNNNGATCGACATG	6880	TGCAGGACCAGAGAATTCGAATA CACTAGCGTANNNGATCGACATG	7120
TGCAGGACCAGAGAATTCGAATA CACGGATAAGNNNGATCGACATG	6641	TGCAGGACCAGAGAATTCGAATA CAATCTCACCNNNGATCGACATG	6881	TGCAGGACCAGAGAATTCGAATA CACTGAGTTGNNNGATCGACATG	7121
TGCAGGACCAGAGAATTCGAATA CACAAATCGCNNNGATCGACATG	6642	TGCAGGACCAGAGAATTCGAATA CATTGAGATTNNNGATCGACATG	6882	TGCAGGACCAGAGAATTCGAATA CATGGCGCGTNNNGATCGACATG	7122
TGCAGGACCAGAGAATTCGAATA CAGTGTCGGCNNNGATCGACATG	6643	TGCAGGACCAGAGAATTCGAATA CATCAACCAGNNNGATCGACATG	6883	TGCAGGACCAGAGAATTCGAATA CAGTGACTTGNNNGATCGACATG	7123
TGCAGGACCAGAGAATTCGAATA CAAAGCTATTNNNGATCGACATG	6644	TGCAGGACCAGAGAATTCGAATA CATTTGACGGNNNGATCGACATG	6884	TGCAGGACCAGAGAATTCGAATA CACTGCGAATNNNGATCGACATG	7124
TGCAGGACCAGAGAATTCGAATA CAACCGGACCNNNGATCGACATG	6645	TGCAGGACCAGAGAATTCGAATA CAGTTCATTTNNNGATCGACATG	6885	TGCAGGACCAGAGAATTCGAATA CACATGACACNNNGATCGACATG	7125
TGCAGGACCAGAGAATTCGAATA CATTAAATGCNNNGATCGACATG	6646	TGCAGGACCAGAGAATTCGAATA CAGAGTGGTANNNGATCGACATG	6886	TGCAGGACCAGAGAATTCGAATA CAGCGATTTGNNNGATCGACATG	7126
TCCACCACCACACAATTCCAATA CACTGCAAGTNNNGATCGACATG	6647	TCCACCACCACACAATTCCAATA CAAGTTGCTGNNNGATCGACATG	6887	TCCACCACCACACAATTCCAATA CAACTAGGAGNNNGATCGACATG	7127
TGCAGGACCAGAGAATTCGAATA CACCCTTAACNNNGATCGACATG	6648	TGCAGGACCAGAGAATTCGAATA CAGATTTTAGNNNGATCGACATG	6888	TGCAGGACCAGAGAATTCGAATA CAGCGCAGCTNNNGATCGACATG	7128
TGCAGGACCAGAGAATTCGAATA CAAGTGAGACNNNGATCGACATG	6649	TGCAGGACCAGAGAATTCGAATA CACTAACAATNNNGATCGACATG	6889	TGCAGGACCAGAGAATTCGAATA CACACAGCCGNNNGATCGACATG	7129
TGCAGGACCAGAGAATTCGAATA CATATTAGACNNNGATCGACATG	6650	TGCAGGACCAGAGAATTCGAATA CAAGCTGATCNNNGATCGACATG	6890	TGCAGGACCAGAGAATTCGAATA CAGCCTTGTTNNNGATCGACATG	7130
TGCAGGACCAGAGAATTCGAATA CAGTTGGCTANNNGATCGACATG	6651	TGCAGGACCAGAGAATTCGAATA CACGACGGCTNNNGATCGACATG	6891	TGCAGGACCAGAGAATTCGAATA CAAATATCGTNNNGATCGACATG	7131
TGCAGGACCAGAGAATTCGAATA CATCGCTAAGNNNGATCGACATG	6652	TGCAGGACCAGAGAATTCGAATA CACGGCGTACNNNGATCGACATG	6892	TGCAGGACCAGAGAATTCGAATA CACCGAAAGANNNGATCGACATG	7132
TGCAGGACCAGAGAATTCGAATA CAAGCCCCTCNNNGATCGACATG	6653	TGCAGGACCAGAGAATTCGAATA CATTGCAGGTNNNGATCGACATG	6893	TGCAGGACCAGAGAATTCGAATA CACAAAGGTGNNNGATCGACATG	7133

FIG. 21F

Pool-28	SEQ ID NO:	Pool-29	SEQ ID NO:	Pool-30	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATTACGAATNNNGATCGACATG	6654	TGCAGGACCAGAGAATTCGAATA CATGAGCTGTNNNGATCGACATG	6894	TGCAGGACCAGAGAATTCGAATA CAAAATCCATNNNGATCGACATG	7134
TGCAGGACCAGAGAATTCGAATA CAGGCCACCANNNGATCGACATG	6655	TGCAGGACCAGAGAATTCGAATA CAAGTCTCAGNNNGATCGACATG	6895	TGCAGGACCAGAGAATTCGAATA CAAACAATCTNNNGATCGACATG	7135
TGCAGGACCAGAGAATTCGAATA CATCCTTATANNNGATCGACATG	6656	TGCAGGACCAGAGAATTCGAATA CAATTCCTTANNNGATCGACATG	6896	TGCAGGACCAGAGAATTCGAATA CACATTGGCANNNGATCGACATG	7136
TGCAGGACCAGAGAATTCGAATA CATCAGTCTCNNNGATCGACATG	6657	TGCAGGACCAGAGAATTCGAATA CAGAGAGAGANNNGATCGACATG	6897	TGCAGGACCAGAGAATTCGAATA CACTACAACGNNNGATCGACATG	7137
TGCAGGACCAGAGAATTCGAATA CACGACTTCTNNNGATCGACATG	6658	TGCAGGACCAGAGAATTCGAATA CAGCAGAGCGNNNGATCGACATG	6898	TGCAGGACCAGAGAATTCGAATA CAATCGAGAGNNNGATCGACATG	7138
TGCAGGACCAGAGAATTCGAATA CAAGGTAACGNNNGATCGACATG	6659	TGCAGGACCAGAGAATTCGAATA CAGGCACTATNNNGATCGACATG	6899	TGCAGGACCAGAGAATTCGAATA CACGCGTCCTNNNGATCGACATG	7139
TGCAGGACCAGAGAATTCGAATA CAAGACACTCNNNGATCGACATG	6660	TGCAGGACCAGAGAATTCGAATA CAGACCTCAANNNGATCGACATG	6900	TGCAGGACCAGAGAATTCGAATA CATTACGTTTNNNGATCGACATG	7140
TGCAGGACCAGAGAATTCGAATA CAGGCTTCGGNNNGATCGACATG	6661	TGCAGGACCAGAGAATTCGAATA CAAATAACTCNNNGATCGACATG	6901	TGCAGGACCAGAGAATTCGAATA CAGTAGTCGTNNNGATCGACATG	7141
TGCAGGACCAGAGAATTCGAATA CACAATTCGGNNNGATCGACATG	6662	TGCAGGACCAGAGAATTCGAATA CATCATATTCNNNGATCGACATG	6902	TGCAGGACCAGAGAATTCGAATA CATGCCTCGCNNNGATCGACATG	7142
TGCAGGACCAGAGAATTCGAATA CAGGCTCTGGNNNGATCGACATG	6663	TGCAGGACCAGAGAATTCGAATA CAGATAGAATNNNGATCGACATG	6903	TGCAGGACCAGAGAATTCGAATA CAATACATTGNNNGATCGACATG	7143
TGCAGGACCAGAGAATTCGAATA CATCTCTGACNNNGATCGACATG	6664	TGCAGGACCAGAGAATTCGAATA CACCTGGACGNNNGATCGACATG	6904	TGCAGGACCAGAGAATTCGAATA CATATAAAAANNNGATCGACATG	7144
TGCAGGACCAGAGAATTCGAATA CAGAGTAGGTNNNGATCGACATG	6665	TGCAGGACCAGAGAATTCGAATA CATAACCCAGNNNGATCGACATG	6905	TGCAGGACCAGAGAATTCGAATA CATACCTGCTNNNGATCGACATG	7145
TGCAGGACCAGAGAATTCGAATA CAATTTTTTANNNGATCGACATG	6666	TGCAGGACCAGAGAATTCGAATA CAGCAGCCGTNNNGATCGACATG	6906	TGCAGGACCAGAGAATTCGAATA CATGAGAACGNNNGATCGACATG	7146
TGCAGGACCAGAGAATTCGAATA CAATTTCTACNNNGATCGACATG	6667	TGCAGGACCAGAGAATTCGAATA CACAGACCGCNNNGATCGACATG	6907	TGCAGGACCAGAGAATTCGAATA CAGGAACTGANNNGATCGACATG	7147
TGCAGGACCAGAGAATTCGAATA CAAACGCTGTNNNGATCGACATG	6668	TGCAGGACCAGAGAATTCGAATA CATTAAGAAGNNNGATCGACATG	6908	TGCAGGACCAGAGAATTCGAATA CAAGAGCGCGNNNGATCGACATG	7148
TGCAGGACCAGAGAATTCGAATA CAATCGACTGNNNTGCATCAGGT	6669	TGCAGGACCAGAGAATTCGAATA CATTCATAAGNNNTGCATCAGGT	6909	TGCAGGACCAGAGAATTCGAATA CAACGCCACGNNNTGCATCAGGT	7149
TGCAGGACCAGAGAATTCGAATA CATAACGATTNNNTGCATCAGGT	6670	TGCAGGACCAGAGAATTCGAATA CACCACAGGCNNNTGCATCAGGT	6910	TGCAGGACCAGAGAATTCGAATA CATCCCCTAANNNTGCATCAGGT	7150
TGCAGGACCAGAGAATTCGAATA CAGCCCAGCANNNTGCATCAGGT	6671	TGCAGGACCAGAGAATTCGAATA CAGTCAGGCCNNNTGCATCAGGT	6911	TGCAGGACCAGAGAATTCGAATA CATCGGCATANNNTGCATCAGGT	7151
TGCAGGACCAGAGAATTCGAATA CAACAAACGGNNNTGCATCAGGT	6672	TGCAGGACCAGAGAATTCGAATA CAGTCGGCACNNNTGCATCAGGT	6912	TGCAGGACCAGAGAATTCGAATA CACGCCTCCANNNTGCATCAGGT	7152
TGCAGGACCAGAGAATTCGAATA CAAGAGTGCANNNTGCATCAGGT	6673	TGCAGGACCAGAGAATTCGAATA CATAGTCTGGNNNTGCATCAGGT	6913	TGCAGGACCAGAGAATTCGAATA CAAGGTGGCGNNNTGCATCAGGT	7153
TGCAGGACCAGAGAATTCGAATA CACGGATCGCNNNTGCATCAGGT	6674	TGCAGGACCAGAGAATTCGAATA CACATTATTCNNNTGCATCAGGT	6914	TGCAGGACCAGAGAATTCGAATA CAAAGGTTCCNNNTGCATCAGGT	7154
TGCAGGACCAGAGAATTCGAATA CAGGAATCCTNNNTGCATCAGGT	6675	TGCAGGACCAGAGAATTCGAATA CAGAAGACCANNNTGCATCAGGT	6915	TGCAGGACCAGAGAATTCGAATA CACGGAAGGCNNNTGCATCAGGT	7155
TGCAGGACCAGAGAATTCGAATA CAACCTAAATNNNTGCATCAGGT	6676	TGCAGGACCAGAGAATTCGAATA CAAATTCTCTNNNTGCATCAGGT	6916	TGCAGGACCAGAGAATTCGAATA CAAGGCATTCNNNTGCATCAGGT	7156
TGCAGGACCAGAGAATTCGAATA CACGTATCGANNNTGCATCAGGT	6677	TGCAGGACCAGAGAATTCGAATA CAGCCATCGGNNNTGCATCAGGT	6917	TGCAGGACCAGAGAATTCGAATA CACACCAGCGNNNTGCATCAGGT	7157
TGCAGGACCAGAGAATTCGAATA CATCAGATATNNNTGCATCAGGT	6678	TGCAGGACCAGAGAATTCGAATA CATATAATTANNNTGCATCAGGT	6918	TGCAGGACCAGAGAATTCGAATA CATATGCGTGNNNTGCATCAGGT	7158
TGCAGGACCAGAGAATTCGAATA CAGCGACCGTNNNTGCATCAGGT	6679	TGCAGGACCAGAGAATTCGAATA CAACGAACAGNNNTGCATCAGGT	6919	TGCAGGACCAGAGAATTCGAATA CAGCATAGCTNNNTGCATCAGGT	7159
TCCACCACCACACAATTCCAATA CATCAGACTGNNNTGCATCAGGT	6680	TCCACCACCACACAATTCCAATA CAAGGCCCGTNNNTGCATCAGGT	6920	TCCACCACCACACAATTCCAATA CATCACTAGGNNNTGCATCAGGT	7160
TGCAGGACCAGAGAATTCGAATA CAATGCACGTNNNTGCATCAGGT	6681	TGCAGGACCAGAGAATTCGAATA CACAAAGAGCNNNTGCATCAGGT	6921	TGCAGGACCAGAGAATTCGAATA CAGCCGAGCTNNNTGCATCAGGT	7161
TGCAGGACCAGAGAATTCGAATA CATCTACTGCNNNTGCATCAGGT	6682	TGCAGGACCAGAGAATTCGAATA CATTCAGGACNNNTGCATCAGGT	6922	TGCAGGACCAGAGAATTCGAATA CAACTGCCAANNNTGCATCAGGT	7162
TGCAGGACCAGAGAATTCGAATA CACTCGTTGTNNNTGCATCAGGT	6683	TGCAGGACCAGAGAATTCGAATA CAAGCACGCCNNNTGCATCAGGT	6923	TGCAGGACCAGAGAATTCGAATA CACCGACAATNNNTGCATCAGGT	7163
TGCAGGACCAGAGAATTCGAATA CACTGTGTAGNNNTGCATCAGGT	6684	TGCAGGACCAGAGAATTCGAATA CAGACACATCNNNTGCATCAGGT	6924	TGCAGGACCAGAGAATTCGAATA CACAGGCCCANNNTGCATCAGGT	7164
TGCAGGACCAGAGAATTCGAATA CAGCTTGCTTNNNTGCATCAGGT	6685	TGCAGGACCAGAGAATTCGAATA CACGATACACNNNTGCATCAGGT	6925	TGCAGGACCAGAGAATTCGAATA CACAACCCCCNNNTGCATCAGGT	7165
TGCAGGACCAGAGAATTCGAATA CACTTTTCTTNNNTGCATCAGGT	6686	TGCAGGACCAGAGAATTCGAATA CAATACGCGTNNNTGCATCAGGT	6926	TGCAGGACCAGAGAATTCGAATA CAAAGACGACNNNTGCATCAGGT	7166

FIG. 21G

Pool-28	SEQ ID NO:	Pool-29	SEQ ID NO:	Pool-30	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CATCAACTCCNNNTGCATCAGGT	6687	TGCAGGACCAGAGAATTCGAATA CATACACGCANNNTGCATCAGGT	6927	TGCAGGACCAGAGAATTCGAATA CATACAAGAANNNTGCATCAGGT	7167
TGCAGGACCAGAGAATTCGAATA CAATCCAGCANNNTGCATCAGGT	6688	TGCAGGACCAGAGAATTCGAATA CACTCTCTCTNNNTGCATCAGGT	6928	TGCAGGACCAGAGAATTCGAATA CAATAGGCCTNNNTGCATCAGGT	7168
TGCAGGACCAGAGAATTCGAATA CAAACCGCTANNNTGCATCAGGT	6689	TGCAGGACCAGAGAATTCGAATA CACAATGAGGNNNTGCATCAGGT	6929	TGCAGGACCAGAGAATTCGAATA CATTGGATATNNNTGCATCAGGT	7169
TGCAGGACCAGAGAATTCGAATA CACGCCTGTCNNNTGCATCAGGT	6690	TGCAGGACCAGAGAATTCGAATA CACACAGTGTNNNTGCATCAGGT	6930	TGCAGGACCAGAGAATTCGAATA CACTATCGCTNNNTGCATCAGGT	7170
TGCAGGACCAGAGAATTCGAATA CATAAGGCCTNNNTGCATCAGGT	6691	TGCAGGACCAGAGAATTCGAATA CAAACATACTNNNTGCATCAGGT	6931	TGCAGGACCAGAGAATTCGAATA CACTCTTGACNNNTGCATCAGGT	7171
TGCAGGACCAGAGAATTCGAATA CATGTCATGGNNNTGCATCAGGT	6692	TGCAGGACCAGAGAATTCGAATA CACGGCATCGNNNTGCATCAGGT	6932	TGCAGGACCAGAGAATTCGAATA CAAATTAGGANNNTGCATCAGGT	7172
TGCAGGACCAGAGAATTCGAATA CATAGCAGTCNNNTGCATCAGGT	6693	TGCAGGACCAGAGAATTCGAATA CAAGTAGATANNNTGCATCAGGT	6933	TGCAGGACCAGAGAATTCGAATA CACGTTGCTTNNNTGCATCAGGT	7173
TGCAGGACCAGAGAATTCGAATA CAGCGCTGACNNNTGCATCAGGT	6694	TGCAGGACCAGAGAATTCGAATA CAGCGATCCGNNNTGCATCAGGT	6934	TGCAGGACCAGAGAATTCGAATA CATTTCCCCTNNNTGCATCAGGT	7174
TGCAGGACCAGAGAATTCGAATA CATATATCCTNNNTGCATCAGGT	6695	TGCAGGACCAGAGAATTCGAATA CAATTAAATTNNNTGCATCAGGT	6935	TGCAGGACCAGAGAATTCGAATA CAACTACCTCNNNTGCATCAGGT	7175
TGCAGGACCAGAGAATTCGAATA CACACGAAAGNNNTGCATCAGGT	6696	TGCAGGACCAGAGAATTCGAATA CAAGATTCATNNNTGCATCAGGT	6936	TGCAGGACCAGAGAATTCGAATA CAACTCTGCTNNNTGCATCAGGT	7176
TGCAGGACCAGAGAATTCGAATA CAATAAGTCTNNNTGCATCAGGT	6697	TGCAGGACCAGAGAATTCGAATA CATCACCTGTNNNTGCATCAGGT	6937	TGCAGGACCAGAGAATTCGAATA CACTACCTCANNNTGCATCAGGT	7177
TGCAGGACCAGAGAATTCGAATA CAGCTGTCCCNNNTGCATCAGGT	6698	TGCAGGACCAGAGAATTCGAATA CACAAATACTNNNTGCATCAGGT	6938	TGCAGGACCAGAGAATTCGAATA CAACTGCTAGNNNTGCATCAGGT	7178
TGCAGGACCAGAGAATTCGAATA CAATGACCTGNNNTGCATCAGGT	6699	TGCAGGACCAGAGAATTCGAATA CATTTAGCAANNNTGCATCAGGT	6939	TGCAGGACCAGAGAATTCGAATA CACGCGCAGTNNNTGCATCAGGT	7179
TGCAGGACCAGAGAATTCGAATA CAATACCCCTNNNTGCATCAGGT	6700	TGCAGGACCAGAGAATTCGAATA CATCCTAGTCNNNTGCATCAGGT	6940	TGCAGGACCAGAGAATTCGAATA CAGGCTTTCTNNNTGCATCAGGT	7180
TGCAGGACCAGAGAATTCGAATA CATGAGGTAGNNNTGCATCAGGT	6701	TGCAGGACCAGAGAATTCGAATA CATAAAGAGTNNNTGCATCAGGT	6941	TGCAGGACCAGAGAATTCGAATA CACTGGACTANNNTGCATCAGGT	7181
TGCAGGACCAGAGAATTCGAATA CACGAATCTGNNNTGCATCAGGT	6702	TGCAGGACCAGAGAATTCGAATA CACATGCACANNNTGCATCAGGT	6942	TGCAGGACCAGAGAATTCGAATA CAACATCAGCNNNTGCATCAGGT	7182
TGCAGGACCAGAGAATTCGAATA CAGCCGACGTNNNTGCATCAGGT	6703	TGCAGGACCAGAGAATTCGAATA CATTTCAACTNNNTGCATCAGGT	6943	TGCAGGACCAGAGAATTCGAATA CATCAGTTCCNNNTGCATCAGGT	7183
TGCAGGACCAGAGAATTCGAATA CATTCAAACANNNTGCATCAGGT	6704	TGCAGGACCAGAGAATTCGAATA CACTGATGTGNNNTGCATCAGGT	6944	TGCAGGACCAGAGAATTCGAATA CATCACGATGNNNTGCATCAGGT	7184
TGCAGGACCAGAGAATTCGAATA CAAGGCTTACNNNTGCATCAGGT	6705	TGCAGGACCAGAGAATTCGAATA CACCCGTTCGNNNTGCATCAGGT	6945	TGCAGGACCAGAGAATTCGAATA CAGTATGCACNNNTGCATCAGGT	7185
TGCAGGACCAGAGAATTCGAATA CAAAAACGGCNNNTGCATCAGGT	6706	TGCAGGACCAGAGAATTCGAATA CACATAAGAANNNTGCATCAGGT	6946	TGCAGGACCAGAGAATTCGAATA CATCAGGCGCNNNTGCATCAGGT	7186
TGCAGGACCAGAGAATTCGAATA CAGATAGGACNNNTGCATCAGGT	6707	TGCAGGACCAGAGAATTCGAATA CAGATTACGCNNNTGCATCAGGT	6947	TGCAGGACCAGAGAATTCGAATA CAGTTTTCCGNNNTGCATCAGGT	7187
TGCAGGACCAGAGAATTCGAATA CAATGGCGAANNNTGCATCAGGT	6708	TGCAGGACCAGAGAATTCGAATA CACTGACGATNNNTGCATCAGGT	6948	TGCAGGACCAGAGAATTCGAATA CAGGTCGGAGNNNTGCATCAGGT	7188
TGCAGGACCAGAGAATTCGAATA CAACCAAGAGNNNTGCATCAGGT	6709	TGCAGGACCAGAGAATTCGAATA CAACTTTCTANNNTGCATCAGGT	6949	TGCAGGACCAGAGAATTCGAATA CAATAAGGCGNNNTGCATCAGGT	7189
TGCAGGACCAGAGAATTCGAATA CACAAACGCTNNNTGCATCAGGT	6710	TGCAGGACCAGAGAATTCGAATA CACACATAGCNNNTGCATCAGGT	6950	TGCAGGACCAGAGAATTCGAATA CAAGCCGACCNNNTGCATCAGGT	7190
TGCAGGACCAGAGAATTCGAATA CACGCTTTCANNNTGCATCAGGT	6711	TGCAGGACCAGAGAATTCGAATA CATTAGTCAANNNTGCATCAGGT	6951	TGCAGGACCAGAGAATTCGAATA CACATGTCAGNNNTGCATCAGGT	7191
TGCAGGACCAGAGAATTCGAATA CATCCAGGCGNNNTGCATCAGGT	6712	TGCAGGACCAGAGAATTCGAATA CATGGTCGCGNNNTGCATCAGGT	6952	TGCAGGACCAGAGAATTCGAATA CATTTTAGCTNNNTGCATCAGGT	7192
TCCACCACCACACAATTCCAATA CATTGAAATCNNNTGCATCAGGT	6713	TCCACCACCACACAATTCCAATA CATTCTGACCNNNTGCATCAGGT	6953	TCCACCACCACACAATTCCAATA CATCGAGTTGNNNTGCATCAGGT	7193
TGCAGGACCAGAGAATTCGAATA CACCTGCTGCNNNTGCATCAGGT	6714	TGCAGGACCAGAGAATTCGAATA CATAAAAACCTNNNTGCATCAGGT	6954	TGCAGGACCAGAGAATTCGAATA CAGCCACCTCNNNTGCATCAGGT	7194
TGCAGGACCAGAGAATTCGAATA CACGAATGAGNNNTGCATCAGGT	6715	TGCAGGACCAGAGAATTCGAATA CAACTATAACNNNTGCATCAGGT	6955	TGCAGGACCAGAGAATTCGAATA CATGTTGTGGNNNTGCATCAGGT	7195
TGCAGGACCAGAGAATTCGAATA CATGTGTTAANNNTGCATCAGGT	6716	TGCAGGACCAGAGAATTCGAATA CATATGATGTNNNTGCATCAGGT	6956	TGCAGGACCAGAGAATTCGAATA CAGTTGTGTGNNNTGCATCAGGT	7196
TGCAGGACCAGAGAATTCGAATA CATTCAAAACNNNTGCATCAGGT	6717	TGCAGGACCAGAGAATTCGAATA CATCACCGCCNNNTGCATCAGGT	6957	TGCAGGACCAGAGAATTCGAATA CACGTGAACTNNNTGCATCAGGT	7197
TGCAGGACCAGAGAATTCGAATA CACAGCCCAGNNNTGCATCAGGT	6718	TGCAGGACCAGAGAATTCGAATA CAAGGTTATTNNNTGCATCAGGT	6958	TGCAGGACCAGAGAATTCGAATA CAAAGGCTCTNNNTGCATCAGGT	7198
TGCAGGACCAGAGAATTCGAATA CAGACAGTAGNNNTGCATCAGGT	6719	TGCAGGACCAGAGAATTCGAATA CAAGCAGCTTNNNTGCATCAGGT	6959	TGCAGGACCAGAGAATTCGAATA CATATTCTTGNNNTGCATCAGGT	7199

FIG. 21H

Pool-28	SEQ ID NO:	Pool-29	SEQ ID NO:	Pool-30	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATA CACATTTGTTNNNTGCATCAGGT	6720	TGCAGGACCAGAGAATTCGAATA CATCGAGACTNNNTGCATCAGGT	6960	TGCAGGACCAGAGAATTCGAATA CACATTACTTNNNTGCATCAGGT	7200
TGCAGGACCAGAGAATTCGAATA CATAATCCAANNNTGCATCAGGT	6721	TGCAGGACCAGAGAATTCGAATA CACACACTTCNNNTGCATCAGGT	6961	TGCAGGACCAGAGAATTCGAATA CACCAAGACTNNNTGCATCAGGT	7201
TGCAGGACCAGAGAATTCGAATA CACGTACAACNNNTGCATCAGGT	6722	TGCAGGACCAGAGAATTCGAATA CAAAAAAACCNNNTGCATCAGGT	6962	TGCAGGACCAGAGAATTCGAATA CAAGTTCCAGNNNTGCATCAGGT	7202
TGCAGGACCAGAGAATTCGAATA CAATATTCGANNNTGCATCAGGT	6723	TGCAGGACCAGAGAATTCGAATA CATACAGCCANNNTGCATCAGGT	6963	TGCAGGACCAGAGAATTCGAATA CAAACCAGTCNNNTGCATCAGGT	7203
TGCAGGACCAGAGAATTCGAATA CATAATTATANNNTGCATCAGGT	6724	TGCAGGACCAGAGAATTCGAATA CAATGAAAACNNNTGCATCAGGT	6964	TGCAGGACCAGAGAATTCGAATA CATGGCTCAANNNTGCATCAGGT	7204
TGCAGGACCAGAGAATTCGAATA CAGATGCAGANNNTGCATCAGGT	6725	TGCAGGACCAGAGAATTCGAATA CAGTGATGCTNNNTGCATCAGGT	6965	TGCAGGACCAGAGAATTCGAATA CATCTTTATGNNNTGCATCAGGT	7205
TGCAGGACCAGAGAATTCGAATA CAGGAGCCAGNNNTGCATCAGGT	6726	TGCAGGACCAGAGAATTCGAATA CATTAACAGTNNNTGCATCAGGT	6966	TGCAGGACCAGAGAATTCGAATA CAGGTGACTTNNNTGCATCAGGT	7206
TGCAGGACCAGAGAATTCGAATA CAGCGAGTTTNNNTGCATCAGGT	6727	TGCAGGACCAGAGAATTCGAATA CACAACCGCGNNNTGCATCAGGT	6967	TGCAGGACCAGAGAATTCGAATA CATCCTAACCNNNTGCATCAGGT	7207
TGCAGGACCAGAGAATTCGAATA CAAAGTGACGNNNTGCATCAGGT	6728	TGCAGGACCAGAGAATTCGAATA CATGTGCCCCNNNTGCATCAGGT	6968	TGCAGGACCAGAGAATTCGAATA CAGCGTAAAGNNNTGCATCAGGT	7208

FIG. 22A

Pool-31	SEQ ID NO:	Pool-32	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATAC ATGGTCCAANNNACGTATGCCA	7209	TGCAGGACCAGAGAATTCGAATA CATTCCAATTNNNACGTATGCCA	7449
TGCAGGACCAGAGAATTCGAATAC AGTACTCAGNNNACGTATGCCA	7210	TGCAGGACCAGAGAATTCGAATA CATGTACAGCNNNACGTATGCCA	7450
TGCAGGACCAGAGAATTCGAATAC AGAAGCCCCNNNACGTATGCCA	7211	TGCAGGACCAGAGAATTCGAATA CACAGGAGCGNNNACGTATGCCA	7451
TGCAGGACCAGAGAATTCGAATAC ATTAACCGGNNNACGTATGCCA	7212	TGCAGGACCAGAGAATTCGAATA CAATGCGTTGNNNACGTATGCCA	7452
TGCAGGACCAGAGAATTCGAATAC ATAACCTGGNNNACGTATGCCA	7213	TGCAGGACCAGAGAATTCGAATA CATATTTTCGNNNACGTATGCCA	7453
TGCAGGACCAGAGAATTCGAATAC AGTCGACTANNNACGTATGCCA	7214	TGCAGGACCAGAGAATTCGAATA CAAATTCCCCNNNACGTATGCCA	7454
TGCAGGACCAGAGAATTCGAATAC ACCAAACGTNNNACGTATGCCA	7215	TGCAGGACCAGAGAATTCGAATA CATCTGACGANNNACGTATGCCA	7455
TGCAGGACCAGAGAATTCGAATAC AACGTATCGNNNACGTATGCCA	7216	TGCAGGACCAGAGAATTCGAATA CACCGCGCTTNNNACGTATGCCA	7456
TGCAGGACCAGAGAATTCGAATAC ACACGGCCANNNACGTATGCCA	7217	TGCAGGACCAGAGAATTCGAATA CAAAACACCCNNNACGTATGCCA	7457
TGCAGGACCAGAGAATTCGAATAC AAGGTTTGCNNNACGTATGCCA	7218	TGCAGGACCAGAGAATTCGAATA CAGGTTGTGTNNNACGTATGCCA	7458
TGCAGGACCAGAGAATTCGAATAC ACGACGCGTNNNACGTATGCCA	7219	TGCAGGACCAGAGAATTCGAATA CAACTAACCGNNNACGTATGCCA	7459
TGCAGGACCAGAGAATTCGAATAC ACCGACGTGNNNACGTATGCCA	7220	TGCAGGACCAGAGAATTCGAATA CATCAGGAGANNNACGTATGCCA	7460
TGCAGGACCAGAGAATTCGAATAC ACAGTTTTTNNNACGTATGCCA	7221	TGCAGGACCAGAGAATTCGAATA CAGTCTGCGGNNNACGTATGCCA	7461
TGCAGGACCAGAGAATTCGAATAC ATGCCCGGANNNACGTATGCCA	7222	TGCAGGACCAGAGAATTCGAATA CAACTGGCGCNNNACGTATGCCA	7462
TGCAGGACCAGAGAATTCGAATAC AGCCACTCCNNNACGTATGCCA	7223	TGCAGGACCAGAGAATTCGAATA CACGACTCTTNNNACGTATGCCA	7463
TGCAGGACCAGAGAATTCGAATAC AGACGAAGTNNNACGTATGCCA	7224	TGCAGGACCAGAGAATTCGAATA CAGCGAAGGCNNNACGTATGCCA	7464
TGCAGGACCAGAGAATTCGAATAC AGGTTCCTTNNNACGTATGCCA	7225	TGCAGGACCAGAGAATTCGAATA CAGGCGCCGCNNNACGTATGCCA	7465
TGCAGGACCAGAGAATTCGAATAC ACCGGAATTNNNACGTATGCCA	7226	TGCAGGACCAGAGAATTCGAATA CAGAGCACCCNNNACGTATGCCA	7466
TGCAGGACCAGAGAATTCGAATAC ATCGGCAGCNNNACGTATGCCA	7227	TGCAGGACCAGAGAATTCGAATA CACCCAAAGTNNNACGTATGCCA	7467
TGCAGGACCAGAGAATTCGAATAC AGCTAGAGANNNACGTATGCCA	7228	TGCAGGACCAGAGAATTCGAATA CACGGAATAGNNNACGTATGCCA	7468
TGCAGGACCAGAGAATTCGAATAC ACCACTTACNNNACGTATGCCA	7229	TGCAGGACCAGAGAATTCGAATA CAAGTAAGATNNNACGTATGCCA	7469
TGCAGGACCAGAGAATTCGAATAC AACCACCGGNNNACGTATGCCA	7230	TGCAGGACCAGAGAATTCGAATA CATCTCACACNNNACGTATGCCA	7470
TGCAGGACCAGAGAATTCGAATAC AGAAACATANNNACGTATGCCA	7231	TGCAGGACCAGAGAATTCGAATA CAGGCCCCAANNNACGTATGCCA	7471
TGCAGGACCAGAGAATTCGAATAC AGCTGAAAGNNNACGTATGCCA	7232	TGCAGGACCAGAGAATTCGAATA CAGGATTTGCNNNACGTATGCCA	7472
TGCAGGACCAGAGAATTCGAATAC ATAAGAAGTNNNACGTATGCCA	7233	TGCAGGACCAGAGAATTCGAATA CAAATGACAANNNACGTATGCCA	7473
TGCAGGACCAGAGAATTCGAATAC ACGTGACTANNNACGTATGCCA	7234	TGCAGGACCAGAGAATTCGAATA CATAAAAAATNNNACGTATGCCA	7474
TCCACCACCACACAATTCGAATAC ATTAAGATCNNNACGTATGCCA	7235	TCCACCACCACACAATTCGAATA CATAATGGCCNNNACGTATGCCA	7475
TGCAGGACCAGAGAATTCGAATAC ATGGATCACNNNACGTATGCCA	7236	TGCAGGACCAGAGAATTCGAATA CAGTTGCTTCNNNACGTATGCCA	7476
TGCAGGACCAGAGAATTCGAATAC ACCGAGCTGNNNACGTATGCCA	7237	TGCAGGACCAGAGAATTCGAATA CACGTTTCACNNNACGTATGCCA	7477
TGCAGGACCAGAGAATTCGAATAC ACTCATAAANNNACGTATGCCA	7238	TGCAGGACCAGAGAATTCGAATA CAGAACAAATNNNACGTATGCCA	7478
TGCAGGACCAGAGAATTCGAATAC ACTCTACTGNNNACGTATGCCA	7239	TGCAGGACCAGAGAATTCGAATA CAATAGAAGTNNNACGTATGCCA	7479
TGCAGGACCAGAGAATTCGAATAC AAGGTGAGTNNNACGTATGCCA	7240	TGCAGGACCAGAGAATTCGAATA CAGTAAGGCANNNACGTATGCCA	7480
TGCAGGACCAGAGAATTCGAATAC AGAACACTCNNNACGTATGCCA	7241	TGCAGGACCAGAGAATTCGAATA CAGAGATGCANNNACGTATGCCA	7481

FIG. 22B

Pool-31	SEQ ID NO:	Pool-32	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATAC AGGCAGAGCNNNACGTATGCCA	7242	TGCAGGACCAGAGAATTCGAATA CACACCATCTNNNACGTATGCCA	7482
TGCAGGACCAGAGAATTCGAATAC ATTTCCAGCNNNACGTATGCCA	7243	TGCAGGACCAGAGAATTCGAATA CAGATACACCNNNACGTATGCCA	7483
TGCAGGACCAGAGAATTCGAATAC ACCCATCATNNNACGTATGCCA	7244	TGCAGGACCAGAGAATTCGAATA CAGATACTGCNNNACGTATGCCA	7484
TGCAGGACCAGAGAATTCGAATAC AATCAGCGTNNNACGTATGCCA	7245	TGCAGGACCAGAGAATTCGAATA CACGTAACTGNNNACGTATGCCA	7485
TGCAGGACCAGAGAATTCGAATAC ATGAAAAACNNNACGTATGCCA	7246	TGCAGGACCAGAGAATTCGAATA CATCCTCTTCNNNACGTATGCCA	7486
TGCAGGACCAGAGAATTCGAATAC AATGCGGAANNNACGTATGCCA	7247	TGCAGGACCAGAGAATTCGAATA CATGCGGTCGNNNACGTATGCCA	7487
TGCAGGACCAGAGAATTCGAATAC ACGGATTCANNNACGTATGCCA	7248	TGCAGGACCAGAGAATTCGAATA CAACAGGAACNNNACGTATGCCA	7488
TGCAGGACCAGAGAATTCGAATAC AGTCATACGNNNACGTATGCCA	7249	TGCAGGACCAGAGAATTCGAATA CAAAAATTTTNNNACGTATGCCA	7489
TGCAGGACCAGAGAATTCGAATAC AACCTGCTTNNNACGTATGCCA	7250	TGCAGGACCAGAGAATTCGAATA CAAAGTCACCNNNACGTATGCCA	7490
TGCAGGACCAGAGAATTCGAATAC AGTTGTGCANNNACGTATGCCA	7251	TGCAGGACCAGAGAATTCGAATA CATCTACGAGNNNACGTATGCCA	7491
TGCAGGACCAGAGAATTCGAATAC AGAAATCGGNNNACGTATGCCA	7252	TGCAGGACCAGAGAATTCGAATA CAGATCTTCCNNNACGTATGCCA	7492
TGCAGGACCAGAGAATTCGAATAC AAAGTTAGANNNACGTATGCCA	7253	TGCAGGACCAGAGAATTCGAATA CAGGACACCCNNNACGTATGCCA	7493
TGCAGGACCAGAGAATTCGAATAC ATGTAACGCNNNACGTATGCCA	7254	TGCAGGACCAGAGAATTCGAATA CAATAGGTGGNNNACGTATGCCA	7494
TGCAGGACCAGAGAATTCGAATAC AGTTTTGAANNNACGTATGCCA	7255	TGCAGGACCAGAGAATTCGAATA CACCATCGCCNNNACGTATGCCA	7495
TGCAGGACCAGAGAATTCGAATAC ACAAACTGCNNNACGTATGCCA	7256	TGCAGGACCAGAGAATTCGAATA CATGATCTCCNNNACGTATGCCA	7496
TGCAGGACCAGAGAATTCGAATAC AGCCTGAGCNNNACGTATGCCA	7257	TGCAGGACCAGAGAATTCGAATA CACGCGAATTNNNACGTATGCCA	7497
TGCAGGACCAGAGAATTCGAATAC ATCTTCCAGNNNACGTATGCCA	7258	TGCAGGACCAGAGAATTCGAATA CATATATAATNNNACGTATGCCA	7498
TGCAGGACCAGAGAATTCGAATAC ATACCCTACNNNACGTATGCCA	7259	TGCAGGACCAGAGAATTCGAATA CATATCGCCTNNNACGTATGCCA	7499
TGCAGGACCAGAGAATTCGAATAC ATCATAGATNNNACGTATGCCA	7260	TGCAGGACCAGAGAATTCGAATA CATTACGAGCNNNACGTATGCCA	7500
TGCAGGACCAGAGAATTCGAATAC AGTATAGAANNNACGTATGCCA	7261	TGCAGGACCAGAGAATTCGAATA CAGGTTTCTCNNNACGTATGCCA	7501
TGCAGGACCAGAGAATTCGAATAC ACCCTAAAGNNNACGTATGCCA	7262	TGCAGGACCAGAGAATTCGAATA CACTTGCAGANNNACGTATGCCA	7502
TGCAGGACCAGAGAATTCGAATAC AGCGGTTTANNNACGTATGCCA	7263	TGCAGGACCAGAGAATTCGAATA CAGACATTTANNNACGTATGCCA	7503
TGCAGGACCAGAGAATTCGAATAC ATAGCTCAGNNNACGTATGCCA	7264	TGCAGGACCAGAGAATTCGAATA CAACACGAGANNNACGTATGCCA	7504
TGCAGGACCAGAGAATTCGAATAC ACCGTCCCANNNACGTATGCCA	7265	TGCAGGACCAGAGAATTCGAATA CATTGCCCGCNNNACGTATGCCA	7505
TGCAGGACCAGAGAATTCGAATAC AAGTGCGAANNNACGTATGCCA	7266	TGCAGGACCAGAGAATTCGAATA CACAGTCCTTNNNACGTATGCCA	7506
TGCAGGACCAGAGAATTCGAATAC ATGAGCTTGNNNACGTATGCCA	7267	TGCAGGACCAGAGAATTCGAATA CAGCATTTGGNNNACGTATGCCA	7507
TCCACCACCACACAATTCCAATAC ATATCGTGGNNNACGTATGCCA	7268	TCCACCACCACACAATTCCAATA CAGGATATCCNNNACGTATGCCA	7508
TGCAGGACCAGAGAATTCGAATAC ATCAGACACNNNCTAGCGTTAC	7269	TGCAGGACCAGAGAATTCGAATA CACCAGGAGGNNNCTAGCGTTAC	7509
TGCAGGACCAGAGAATTCGAATAC ATACCCTTGNNNCTAGCGTTAC	7270	TGCAGGACCAGAGAATTCGAATA CATCGCCTTANNNCTAGCGTTAC	7510
TGCAGGACCAGAGAATTCGAATAC ACATCGAGTNNNCTAGCGTTAC	7271	TGCAGGACCAGAGAATTCGAATA CATTACCCGTNNNCTAGCGTTAC	7511
TGCAGGACCAGAGAATTCGAATAC ATGAATCTANNNCTAGCGTTAC	7272	TGCAGGACCAGAGAATTCGAATA CAATCACCTCNNNCTAGCGTTAC	7512
TGCAGGACCAGAGAATTCGAATAC AAGTGGAGTNNNCTAGCGTTAC	7273	TGCAGGACCAGAGAATTCGAATA CACCAATTCCNNNCTAGCGTTAC	7513
TGCAGGACCAGAGAATTCGAATAC ACTGAAGGANNNCTAGCGTTAC	7274	TGCAGGACCAGAGAATTCGAATA CATGCGTGATNNNCTAGCGTTAC	7514

FIG. 22C

Pool-31	SEQ ID NO:	Pool-32	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATAC AAATCAGTTNNNCTAGCGTTAC	7275	TGCAGGACCAGAGAATTCGAATA CACTCGGCCTNNNCTAGCGTTAC	7515
TGCAGGACCAGAGAATTCGAATAC ACGCAGGCTNNNCTAGCGTTAC	7276	TGCAGGACCAGAGAATTCGAATA CAAGGAATTANNNCTAGCGTTAC	7516
TGCAGGACCAGAGAATTCGAATAC ACGGTGCACNNNCTAGCGTTAC	7277	TGCAGGACCAGAGAATTCGAATA CACCCTACATNNNCTAGCGTTAC	7517
TGCAGGACCAGAGAATTCGAATAC ACGTATCAGNNNCTAGCGTTAC	7278	TGCAGGACCAGAGAATTCGAATA CACGGTTTAGNNNCTAGCGTTAC	7518
TGCAGGACCAGAGAATTCGAATAC ATAACGCTGNNNCTAGCGTTAC	7279	TGCAGGACCAGAGAATTCGAATA CATCGTATAANNNCTAGCGTTAC	7519
TGCAGGACCAGAGAATTCGAATAC AACCGTACANNNCTAGCGTTAC	7280	TGCAGGACCAGAGAATTCGAATA CATAAGCAAANNNCTAGCGTTAC	7520
TGCAGGACCAGAGAATTCGAATAC AGCTTAGTGNNNCTAGCGTTAC	7281	TGCAGGACCAGAGAATTCGAATA CACGGTCTGGNNNCTAGCGTTAC	7521
TGCAGGACCAGAGAATTCGAATAC ACGAACGCCNNNCTAGCGTTAC	7282	TGCAGGACCAGAGAATTCGAATA CACCACAGTANNNCTAGCGTTAC	7522
TGCAGGACCAGAGAATTCGAATAC AGTATCGTGNNNCTAGCGTTAC	7283	TGCAGGACCAGAGAATTCGAATA CAACCACTAGNNNCTAGCGTTAC	7523
TGCAGGACCAGAGAATTCGAATAC ATACAAATCNNNCTAGCGTTAC	7284	TGCAGGACCAGAGAATTCGAATA CACGCAAACTNNNCTAGCGTTAC	7524
TGCAGGACCAGAGAATTCGAATAC ACGTCCTTANNNCTAGCGTTAC	7285	TGCAGGACCAGAGAATTCGAATA CACTTCAACCNNNCTAGCGTTAC	7525
TGCAGGACCAGAGAATTCGAATAC AAGACCACTNNNCTAGCGTTAC	7286	TGCAGGACCAGAGAATTCGAATA CAGAGAGGCCNNNCTAGCGTTAC	7526
TGCAGGACCAGAGAATTCGAATAC AACAAGGTGNNNCTAGCGTTAC	7287	TGCAGGACCAGAGAATTCGAATA CAATATTGGTNNNCTAGCGTTAC	7527
TGCAGGACCAGAGAATTCGAATAC AATACTTGANNNCTAGCGTTAC	7288	TGCAGGACCAGAGAATTCGAATA CACTATATGANNNCTAGCGTTAC	7528
TGCAGGACCAGAGAATTCGAATAC ACTTCCGATNNNCTAGCGTTAC	7289	TGCAGGACCAGAGAATTCGAATA CAATCTTGTTNNNCTAGCGTTAC	7529
TGCAGGACCAGAGAATTCGAATAC ACGTCTTGTNNNCTAGCGTTAC	7290	TGCAGGACCAGAGAATTCGAATA CATAAAGGCGNNNCTAGCGTTAC	7530
TGCAGGACCAGAGAATTCGAATAC AAAGTGGTGNNNCTAGCGTTAC	7291	TGCAGGACCAGAGAATTCGAATA CACCATTTGCNNNCTAGCGTTAC	7531
TGCAGGACCAGAGAATTCGAATAC ATCGGTGGCNNNCTAGCGTTAC	7292	TGCAGGACCAGAGAATTCGAATA CATACCCCTANNNCTAGCGTTAC	7532
TGCAGGACCAGAGAATTCGAATAC AAAAATCAGNNNCTAGCGTTAC	7293	TGCAGGACCAGAGAATTCGAATA CAAGAACCGANNNCTAGCGTTAC	7533
TGCAGGACCAGAGAATTCGAATAC ATCCCGCGTNNNCTAGCGTTAC	7294	TGCAGGACCAGAGAATTCGAATA CAACGATAGGNNNCTAGCGTTAC	7534
TGCAGGACCAGAGAATTCGAATAC AGGCACGCTNNNCTAGCGTTAC	7295	TGCAGGACCAGAGAATTCGAATA CAGGCGCCATNNNCTAGCGTTAC	7535
TGCAGGACCAGAGAATTCGAATAC AGCTGTCTTNNNCTAGCGTTAC	7296	TGCAGGACCAGAGAATTCGAATA CAAAAATCTCNNNCTAGCGTTAC	7536
TGCAGGACCAGAGAATTCGAATAC AAGCATAAANNNCTAGCGTTAC	7297	TGCAGGACCAGAGAATTCGAATA CAGACTAGCTNNNCTAGCGTTAC	7537
TGCAGGACCAGAGAATTCGAATAC ATGCGAATCNNNCTAGCGTTAC	7298	TGCAGGACCAGAGAATTCGAATA CACGTGAGTTNNNCTAGCGTTAC	7538
TGCAGGACCAGAGAATTCGAATAC ACGTTTCGTNNNCTAGCGTTAC	7299	TGCAGGACCAGAGAATTCGAATA CACCCGCTGTNNNCTAGCGTTAC	7539
TGCAGGACCAGAGAATTCGAATAC AGCACTCTTNNNCTAGCGTTAC	7300	TGCAGGACCAGAGAATTCGAATA CAAAAACTTCNNNCTAGCGTTAC	7540
TCCACCACCACACAATTCGAATAC ACTCGCTGCNNNCTAGCGTTAC	7301	TCCACCACCACACAATTCGAATA CAAGTAACGGNNNCTAGCGTTAC	7541
TGCAGGACCAGAGAATTCGAATAC ACATACAGCNNNCTAGCGTTAC	7302	TGCAGGACCAGAGAATTCGAATA CAATCAACATNNNCTAGCGTTAC	7542
TGCAGGACCAGAGAATTCGAATAC AGAGCAAACNNNCTAGCGTTAC	7303	TGCAGGACCAGAGAATTCGAATA CACTTTTGATNNNCTAGCGTTAC	7543
TGCAGGACCAGAGAATTCGAATAC AGCTTCCATNNNCTAGCGTTAC	7304	TGCAGGACCAGAGAATTCGAATA CAGTGTACCANNNCTAGCGTTAC	7544
TGCAGGACCAGAGAATTCGAATAC ACCTAATTTNNNCTAGCGTTAC	7305	TGCAGGACCAGAGAATTCGAATA CATGCACACANNNCTAGCGTTAC	7545
TGCAGGACCAGAGAATTCGAATAC AAGCCCGACNNNCTAGCGTTAC	7306	TGCAGGACCAGAGAATTCGAATA CATATACTTCNNNCTAGCGTTAC	7546
TGCAGGACCAGAGAATTCGAATAC ATGGTGAAGNNNCTAGCGTTAC	7307	TGCAGGACCAGAGAATTCGAATA CAGAAACTAANNNCTAGCGTTAC	7547

FIG. 22D

Pool-31	SEQ ID NO:	Pool-32	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATAC AATCGCTGANNNCTAGCGTTAC	7308	TGCAGGACCAGAGAATTCGAATA CAATCTCGAGNNNCTAGCGTTAC	7548
TGCAGGACCAGAGAATTCGAATAC ATTACTGCCNNNCTAGCGTTAC	7309	TGCAGGACCAGAGAATTCGAATA CAATGTCTGGNNNCTAGCGTTAC	7549
TGCAGGACCAGAGAATTCGAATAC AGGAGGCCANNNCTAGCGTTAC	7310	TGCAGGACCAGAGAATTCGAATA CAAGACATGGNNNCTAGCGTTAC	7550
TGCAGGACCAGAGAATTCGAATAC ATACCTGTCNNNCTAGCGTTAC	7311	TGCAGGACCAGAGAATTCGAATA CACGGCAATTNNNCTAGCGTTAC	7551
TGCAGGACCAGAGAATTCGAATAC AATATGCTANNNCTAGCGTTAC	7312	TGCAGGACCAGAGAATTCGAATA CATAATGTTGNNNCTAGCGTTAC	7552
TGCAGGACCAGAGAATTCGAATAC AGATCACCANNNCTAGCGTTAC	7313	TGCAGGACCAGAGAATTCGAATA CAGCGAGGACNNNCTAGCGTTAC	7553
TGCAGGACCAGAGAATTCGAATAC AGCGGAACGNNNCTAGCGTTAC	7314	TGCAGGACCAGAGAATTCGAATA CACGAACATCNNNCTAGCGTTAC	7554
TGCAGGACCAGAGAATTCGAATAC AAATCCTTTNNNCTAGCGTTAC	7315	TGCAGGACCAGAGAATTCGAATA CAGCATGTACNNNCTAGCGTTAC	7555
TGCAGGACCAGAGAATTCGAATAC ATACTATAGNNNCTAGCGTTAC	7316	TGCAGGACCAGAGAATTCGAATA CAGCAACTGTNNNCTAGCGTTAC	7556
TGCAGGACCAGAGAATTCGAATAC AGTCTGTAGNNNCTAGCGTTAC	7317	TGCAGGACCAGAGAATTCGAATA CAGTACTCTCNNNCTAGCGTTAC	7557
TGCAGGACCAGAGAATTCGAATAC AGACTATCGNNNCTAGCGTTAC	7318	TGCAGGACCAGAGAATTCGAATA CAGGCTAAAGNNNCTAGCGTTAC	7558
TGCAGGACCAGAGAATTCGAATAC AAGGATTAANNNCTAGCGTTAC	7319	TGCAGGACCAGAGAATTCGAATA CACCCTTTGANNNCTAGCGTTAC	7559
TGCAGGACCAGAGAATTCGAATAC ATTACATCTNNNCTAGCGTTAC	7320	TGCAGGACCAGAGAATTCGAATA CACGCAGGAGNNNCTAGCGTTAC	7560
TGCAGGACCAGAGAATTCGAATAC ATTTGGCAGNNNCTAGCGTTAC	7321	TGCAGGACCAGAGAATTCGAATA CAGTAAGAATNNNCTAGCGTTAC	7561
TGCAGGACCAGAGAATTCGAATAC ACAGTATGCNNNCTAGCGTTAC	7322	TGCAGGACCAGAGAATTCGAATA CATGATTACANNNCTAGCGTTAC	7562
TGCAGGACCAGAGAATTCGAATAC ATTCGATCCNNNCTAGCGTTAC	7323	TGCAGGACCAGAGAATTCGAATA CACAAAAATGNNNCTAGCGTTAC	7563
TGCAGGACCAGAGAATTCGAATAC AAATCCCCTNNNCTAGCGTTAC	7324	TGCAGGACCAGAGAATTCGAATA CACCGTGGTGNNNCTAGCGTTAC	7564
TGCAGGACCAGAGAATTCGAATAC ACTCTCCCCNNNCTAGCGTTAC	7325	TGCAGGACCAGAGAATTCGAATA CAAACGTTATNNNCTAGCGTTAC	7565
TGCAGGACCAGAGAATTCGAATAC ACAATTAACNNNCTAGCGTTAC	7326	TGCAGGACCAGAGAATTCGAATA CAGCTTGCAANNNCTAGCGTTAC	7566
TGCAGGACCAGAGAATTCGAATAC AATTTTGCTNNNCTAGCGTTAC	7327	TGCAGGACCAGAGAATTCGAATA CATTAGTCGGNNNCTAGCGTTAC	7567
TGCAGGACCAGAGAATTCGAATAC AATAAATCCNNNCTAGCGTTAC	7328	TGCAGGACCAGAGAATTCGAATA CAACGGCCGTNNNCTAGCGTTAC	7568
TGCAGGACCAGAGAATTCGAATAC ATACTCGTCNNNGATCGACATG	7329	TGCAGGACCAGAGAATTCGAATA CAGCGTGAAANNNGATCGACATG	7569
TGCAGGACCAGAGAATTCGAATAC AATGCGAAGNNNGATCGACATG	7330	TGCAGGACCAGAGAATTCGAATA CATGCCTGCCNNNGATCGACATG	7570
TGCAGGACCAGAGAATTCGAATAC ATGCGCAGCNNNGATCGACATG	7331	TGCAGGACCAGAGAATTCGAATA CATCGACGCGNNNGATCGACATG	7571
TGCAGGACCAGAGAATTCGAATAC ATGGTAAAANNNGATCGACATG	7332	TGCAGGACCAGAGAATTCGAATA CATCATCCTGNNNGATCGACATG	7572
TGCAGGACCAGAGAATTCGAATAC ACACTCCATNNNGATCGACATG	7333	TGCAGGACCAGAGAATTCGAATA CAGTCAGTCANNNGATCGACATG	7573
TCCACCACCACACAATTCCAATAC ACCTATGGANNNGATCGACATG	7334	TCCACCACCACACAATTCCAATA CACCGGTGACNNNGATCGACATG	7574
TGCAGGACCAGAGAATTCGAATAC AATGCTCCTNNNGATCGACATG	7335	TGCAGGACCAGAGAATTCGAATA CATATCGCGANNNGATCGACATG	7575
TGCAGGACCAGAGAATTCGAATAC AGATTGAAANNNGATCGACATG	7336	TGCAGGACCAGAGAATTCGAATA CAGACGCGTCNNNGATCGACATG	7576
TGCAGGACCAGAGAATTCGAATAC AACACCCAANNNGATCGACATG	7337	TGCAGGACCAGAGAATTCGAATA CAGAACAGACNNNGATCGACATG	7577
TGCAGGACCAGAGAATTCGAATAC ACCGGCATGNNNGATCGACATG	7338	TGCAGGACCAGAGAATTCGAATA CAGTGTGTGTNNNGATCGACATG	7578
TGCAGGACCAGAGAATTCGAATAC ATCCGATTCNNNGATCGACATG	7339	TGCAGGACCAGAGAATTCGAATA CAGATTGCGTNNNGATCGACATG	7579
TGCAGGACCAGAGAATTCGAATAC AGAATCCTGNNNGATCGACATG	7340	TGCAGGACCAGAGAATTCGAATA CAGTAGATTTNNNGATCGACATG	7580

FIG. 22E

Pool-31	SEQ ID NO:	Pool-32	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATAC ATTTCGTCGNNNGATCGACATG	7341	TGCAGGACCAGAGAATTCGAATA CAGCTTGAGTNNNGATCGACATG	7581
TGCAGGACCAGAGAATTCGAATAC ACTTCACTGNNNGATCGACATG	7342	TGCAGGACCAGAGAATTCGAATA CACGCAACGCNNNGATCGACATG	7582
TGCAGGACCAGAGAATTCGAATAC ACCCTATTGNNNGATCGACATG	7343	TGCAGGACCAGAGAATTCGAATA CACCTAATGGNNNGATCGACATG	7583
TGCAGGACCAGAGAATTCGAATAC AAGTAGTAANNNGATCGACATG	7344	TGCAGGACCAGAGAATTCGAATA CAGACAGGATNNNGATCGACATG	7584
TGCAGGACCAGAGAATTCGAATAC ACACCGTAANNNGATCGACATG	7345	TGCAGGACCAGAGAATTCGAATA CACTTCCCTTNNNGATCGACATG	7585
TGCAGGACCAGAGAATTCGAATAC ATGTTTCCGNNNGATCGACATG	7346	TGCAGGACCAGAGAATTCGAATA CATAAGAGATNNNGATCGACATG	7586
TGCAGGACCAGAGAATTCGAATAC AGCTGGACCNNNGATCGACATG	7347	TGCAGGACCAGAGAATTCGAATA CAACCGAATCNNNGATCGACATG	7587
TGCAGGACCAGAGAATTCGAATAC AGTAATTGTNNNGATCGACATG	7348	TGCAGGACCAGAGAATTCGAATA CAGCCAACATNNNGATCGACATG	7588
TGCAGGACCAGAGAATTCGAATAC AAGCTTATANNNGATCGACATG	7349	TGCAGGACCAGAGAATTCGAATA CATGGCTAACNNNGATCGACATG	7589
TGCAGGACCAGAGAATTCGAATAC AGCTACCAANNNGATCGACATG	7350	TGCAGGACCAGAGAATTCGAATA CATCGTTCGTNNNGATCGACATG	7590
TGCAGGACCAGAGAATTCGAATAC AGATAATGANNNGATCGACATG	7351	TGCAGGACCAGAGAATTCGAATA CACAGTTGCANNNGATCGACATG	7591
TGCAGGACCAGAGAATTCGAATAC AAAATCATCNNNGATCGACATG	7352	TGCAGGACCAGAGAATTCGAATA CAACTAGCTGNNNGATCGACATG	7592
TGCAGGACCAGAGAATTCGAATAC AAATAGCCCNNNGATCGACATG	7353	TGCAGGACCAGAGAATTCGAATA CAAAACTAAGNNNGATCGACATG	7593
TGCAGGACCAGAGAATTCGAATAC ATGCTGCTTNNNGATCGACATG	7354	TGCAGGACCAGAGAATTCGAATA CAGTTTCGAGNNNGATCGACATG	7594
TGCAGGACCAGAGAATTCGAATAC ATTACGCAGNNNGATCGACATG	7355	TGCAGGACCAGAGAATTCGAATA CACTCATAGGNNNGATCGACATG	7595
TGCAGGACCAGAGAATTCGAATAC ACCCAGCCTNNNGATCGACATG	7356	TGCAGGACCAGAGAATTCGAATA CAGCAGTATCNNNGATCGACATG	7596
TGCAGGACCAGAGAATTCGAATAC ACCATTTATNNNGATCGACATG	7357	TGCAGGACCAGAGAATTCGAATA CATATAGTCANNNGATCGACATG	7597
TGCAGGACCAGAGAATTCGAATAC AGTGCAATCNNNGATCGACATG	7358	TGCAGGACCAGAGAATTCGAATA CAGGTGTAAGNNNGATCGACATG	7598
TGCAGGACCAGAGAATTCGAATAC ACATCAGGTNNNGATCGACATG	7359	TGCAGGACCAGAGAATTCGAATA CAAGTGAAATNNNGATCGACATG	7599
TGCAGGACCAGAGAATTCGAATAC AGGCCCACANNNGATCGACATG	7360	TGCAGGACCAGAGAATTCGAATA CAGGTCGTTANNNGATCGACATG	7600
TGCAGGACCAGAGAATTCGAATAC AAAGCACGANNNGATCGACATG	7361	TGCAGGACCAGAGAATTCGAATA CATCGCGCCTNNNGATCGACATG	7601
TGCAGGACCAGAGAATTCGAATAC ACACAGGAANNNGATCGACATG	7362	TGCAGGACCAGAGAATTCGAATA CAAAGAAACTNNNGATCGACATG	7602
TGCAGGACCAGAGAATTCGAATAC AGCAGCCTGNNNGATCGACATG	7363	TGCAGGACCAGAGAATTCGAATA CATCCTTTCCNNNGATCGACATG	7603
TGCAGGACCAGAGAATTCGAATAC AGGCTGCGTNNNGATCGACATG	7364	TGCAGGACCAGAGAATTCGAATA CATGGCGTCGNNNGATCGACATG	7604
TGCAGGACCAGAGAATTCGAATAC ACTCTAGCTNNNGATCGACATG	7365	TGCAGGACCAGAGAATTCGAATA CAGGCTGTCGNNNGATCGACATG	7605
TGCAGGACCAGAGAATTCGAATAC AGAAGGCTANNNGATCGACATG	7366	TGCAGGACCAGAGAATTCGAATA CATGTCCATCNNNGATCGACATG	7606
TCCACCACCACACAATTCCAATAC ATATCTGAANNNGATCGACATG	7367	TCCACCACCACACAATTCCAATA CAGTTGGAAGNNNGATCGACATG	7607
TGCAGGACCAGAGAATTCGAATAC ATACTATTCNNNGATCGACATG	7368	TGCAGGACCAGAGAATTCGAATA CAGTGGACGGNNNGATCGACATG	7608
TGCAGGACCAGAGAATTCGAATAC ACATGACCANNNGATCGACATG	7369	TGCAGGACCAGAGAATTCGAATA CATCCTGGCCNNNGATCGACATG	7609
TGCAGGACCAGAGAATTCGAATAC AATTCAGGCNNNGATCGACATG	7370	TGCAGGACCAGAGAATTCGAATA CAATAGGCGANNNGATCGACATG	7610
TGCAGGACCAGAGAATTCGAATAC AAACCAACCNNNGATCGACATG	7371	TGCAGGACCAGAGAATTCGAATA CAATCCGTGANNNGATCGACATG	7611
TGCAGGACCAGAGAATTCGAATAC ATTACTGTTNNNGATCGACATG	7372	TGCAGGACCAGAGAATTCGAATA CAGTAGCTGTNNNGATCGACATG	7612
TGCAGGACCAGAGAATTCGAATAC AGGTTCCCCNNNGATCGACATG	7373	TGCAGGACCAGAGAATTCGAATA CAGAAGACGTNNNGATCGACATG	7613

FIG. 22F

Pool-31	SEQ ID NO:	Pool-32	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATAC AATAAACCTNNNGATCGACATG	7374	TGCAGGACCAGAGAATTCGAATA CATCCGTACTNNNGATCGACATG	7614
TGCAGGACCAGAGAATTCGAATAC ATTTCGTGCNNNGATCGACATG	7375	TGCAGGACCAGAGAATTCGAATA CATGAGGCAANNNGATCGACATG	7615
TGCAGGACCAGAGAATTCGAATAC AGTGACCATNNNGATCGACATG	7376	TGCAGGACCAGAGAATTCGAATA CATGAGTTATNNNGATCGACATG	7616
TGCAGGACCAGAGAATTCGAATAC ACCCTATACNNNGATCGACATG	7377	TGCAGGACCAGAGAATTCGAATA CAATTGGTGCNNNGATCGACATG	7617
TGCAGGACCAGAGAATTCGAATAC ACCCCATATNNNGATCGACATG	7378	TGCAGGACCAGAGAATTCGAATA CAGGCGTTGCNNNGATCGACATG	7618
TGCAGGACCAGAGAATTCGAATAC AGATAGGTGNNNGATCGACATG	7379	TGCAGGACCAGAGAATTCGAATA CAGCATCTCTNNNGATCGACATG	7619
TGCAGGACCAGAGAATTCGAATAC AAAATAACGNNNGATCGACATG	7380	TGCAGGACCAGAGAATTCGAATA CAACTCTCCANNNGATCGACATG	7620
TGCAGGACCAGAGAATTCGAATAC AATAATCGTNNNGATCGACATG	7381	TGCAGGACCAGAGAATTCGAATA CAATAAGTAGNNNGATCGACATG	7621
TGCAGGACCAGAGAATTCGAATAC AGTGGACTTNNNGATCGACATG	7382	TGCAGGACCAGAGAATTCGAATA CAGATTGCCANNNGATCGACATG	7622
TGCAGGACCAGAGAATTCGAATAC AGTTACTGGNNNGATCGACATG	7383	TGCAGGACCAGAGAATTCGAATA CAGTTCCAGANNNGATCGACATG	7623
TGCAGGACCAGAGAATTCGAATAC ATCCTAGGANNNGATCGACATG	7384	TGCAGGACCAGAGAATTCGAATA CAAACCGTACNNNGATCGACATG	7624
TGCAGGACCAGAGAATTCGAATAC AAAACTTACNNNGATCGACATG	7385	TGCAGGACCAGAGAATTCGAATA CACGCGTTGGNNNGATCGACATG	7625
TGCAGGACCAGAGAATTCGAATAC AAAGTGCTCNNNGATCGACATG	7386	TGCAGGACCAGAGAATTCGAATA CAAATTCCAANNNGATCGACATG	7626
TGCAGGACCAGAGAATTCGAATAC AGTATTTTCNNNGATCGACATG	7387	TGCAGGACCAGAGAATTCGAATA CATGACCAGTNNNGATCGACATG	7627
TGCAGGACCAGAGAATTCGAATAC AGAAAGCTGNNNGATCGACATG	7388	TGCAGGACCAGAGAATTCGAATA CAATGGATTTNNNGATCGACATG	7628
TGCAGGACCAGAGAATTCGAATAC AATCACGACNNNTGCATCAGGT	7389	TGCAGGACCAGAGAATTCGAATA CAAAGTCCACNNNTGCATCAGGT	7629
TGCAGGACCAGAGAATTCGAATAC AAGGACCTTNNNTGCATCAGGT	7390	TGCAGGACCAGAGAATTCGAATA CAGTGGCGCTNNNTGCATCAGGT	7630
TGCAGGACCAGAGAATTCGAATAC AGAATGTAANNNTGCATCAGGT	7391	TGCAGGACCAGAGAATTCGAATA CATCTGGATGNNNTGCATCAGGT	7631
TGCAGGACCAGAGAATTCGAATAC AAAACTGCCNNNTGCATCAGGT	7392	TGCAGGACCAGAGAATTCGAATA CACCGATGCGNNNTGCATCAGGT	7632
TGCAGGACCAGAGAATTCGAATAC AATACAATCNNNTGCATCAGGT	7393	TGCAGGACCAGAGAATTCGAATA CAAGTGCTCANNNTGCATCAGGT	7633
TGCAGGACCAGAGAATTCGAATAC AGAGCAGCGNNNTGCATCAGGT	7394	TGCAGGACCAGAGAATTCGAATA CACAATAGTTNNNTGCATCAGGT	7634
TGCAGGACCAGAGAATTCGAATAC ATCGTGTTCNNNTGCATCAGGT	7395	TGCAGGACCAGAGAATTCGAATA CATACAGGCTNNNTGCATCAGGT	7635
TGCAGGACCAGAGAATTCGAATAC ACTGAGCCGNNNTGCATCAGGT	7396	TGCAGGACCAGAGAATTCGAATA CATATACCTTNNNTGCATCAGGT	7636
TGCAGGACCAGAGAATTCGAATAC ACAAGCAGANNNTGCATCAGGT	7397	TGCAGGACCAGAGAATTCGAATA CAGGAGTAACNNNTGCATCAGGT	7637
TGCAGGACCAGAGAATTCGAATAC AGTCTTACCNNNTGCATCAGGT	7398	TGCAGGACCAGAGAATTCGAATA CAGCTATGACNNNTGCATCAGGT	7638
TGCAGGACCAGAGAATTCGAATAC ACGTCTCCGNNNTGCATCAGGT	7399	TGCAGGACCAGAGAATTCGAATA CAGTTACACGNNNTGCATCAGGT	7639
TCCACCACCAGACAATTCGAATAC AGGCGTTCGNNNTGCATCAGGT	7400	TCCACCACCACACAATTCGAATA CAGAAGGAAGNNNTGCATCAGGT	7640
TGCAGGACCAGAGAATTCGAATAC ACCGCACCTNNNTGCATCAGGT	7401	TGCAGGACCAGAGAATTCGAATA CAATGACTTANNNTGCATCAGGT	7641
TGCAGGACCAGAGAATTCGAATAC AAGTGGTTCNNNTGCATCAGGT	7402	TGCAGGACCAGAGAATTCGAATA CATCTCTAATNNNTGCATCAGGT	7642
TGCAGGACCAGAGAATTCGAATAC AGTTGCGTANNNTGCATCAGGT	7403	TGCAGGACCAGAGAATTCGAATA CAGGAATAATNNNTGCATCAGGT	7643
TGCAGGACCAGAGAATTCGAATAC ACCAAATGCNNNTGCATCAGGT	7404	TGCAGGACCAGAGAATTCGAATA CAATTATACGNNNTGCATCAGGT	7644
TGCAGGACCAGAGAATTCGAATAC AGCTTTGTCNNNTGCATCAGGT	7405	TGCAGGACCAGAGAATTCGAATA CACAAAGGACNNNTGCATCAGGT	7645
TGCAGGACCAGAGAATTCGAATAC ACTTCAATTNNNTGCATCAGGT	7406	TGCAGGACCAGAGAATTCGAATA CAATAGAATGNNNTGCATCAGGT	7646

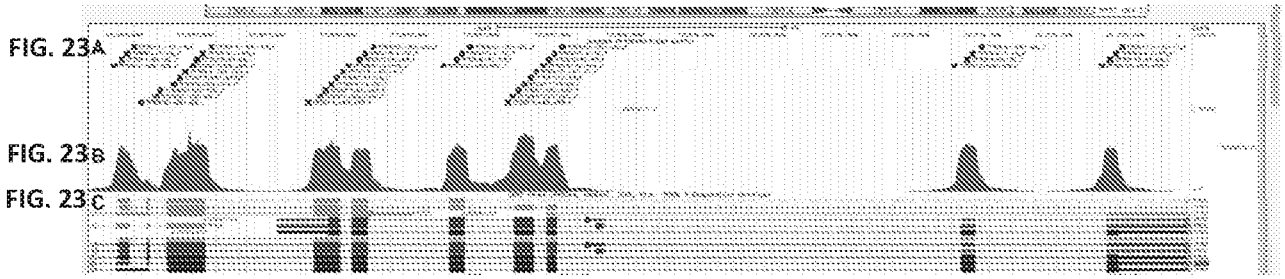
FIG. 22G

Pool-31	SEQ ID NO:	Pool-32	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATAC AGAATCTGCNNNTGCATCAGGT	7407	TGCAGGACCAGAGAATTCGAATA CAGGTCTGCGNNNTGCATCAGGT	7647
TGCAGGACCAGAGAATTCGAATAC ACCAGGACCNNNTGCATCAGGT	7408	TGCAGGACCAGAGAATTCGAATA CACATTTTCANNNTGCATCAGGT	7648
TGCAGGACCAGAGAATTCGAATAC AAGAGCATGNNNTGCATCAGGT	7409	TGCAGGACCAGAGAATTCGAATA CAGCAGAGGCNNNTGCATCAGGT	7649
TGCAGGACCAGAGAATTCGAATAC AACGGCCACNNNTGCATCAGGT	7410	TGCAGGACCAGAGAATTCGAATA CAGCGGTAGGNNNTGCATCAGGT	7650
TGCAGGACCAGAGAATTCGAATAC ACCTAAACGNNNTGCATCAGGT	7411	TGCAGGACCAGAGAATTCGAATA CAGGAGTCGGNNNTGCATCAGGT	7651
TGCAGGACCAGAGAATTCGAATAC AGGTAACTCNNNTGCATCAGGT	7412	TGCAGGACCAGAGAATTCGAATA CAACCATTCCNNNTGCATCAGGT	7652
TGCAGGACCAGAGAATTCGAATAC ATGGCTGATNNNTGCATCAGGT	7413	TGCAGGACCAGAGAATTCGAATA CATCAAATGTNNNTGCATCAGGT	7653
TGCAGGACCAGAGAATTCGAATAC AGCCGTAGCNNNTGCATCAGGT	7414	TGCAGGACCAGAGAATTCGAATA CACAGTTCGANNNTGCATCAGGT	7654
TGCAGGACCAGAGAATTCGAATAC ATATCATTCNNNTGCATCAGGT	7415	TGCAGGACCAGAGAATTCGAATA CAGATCTAATNNNTGCATCAGGT	7655
TGCAGGACCAGAGAATTCGAATAC AGAGCAGTANNNTGCATCAGGT	7416	TGCAGGACCAGAGAATTCGAATA CATTTCAGTTNNNTGCATCAGGT	7656
TGCAGGACCAGAGAATTCGAATAC AGCGTAAGANNNTGCATCAGGT	7417	TGCAGGACCAGAGAATTCGAATA CAGACAATTTNNNTGCATCAGGT	7657
TGCAGGACCAGAGAATTCGAATAC ATCGCAAACNNNTGCATCAGGT	7418	TGCAGGACCAGAGAATTCGAATA CAGCCGTAATNNNTGCATCAGGT	7658
TGCAGGACCAGAGAATTCGAATAC AGAAGCTTCNNNTGCATCAGGT	7419	TGCAGGACCAGAGAATTCGAATA CAAATACAAGNNNTGCATCAGGT	7659
TGCAGGACCAGAGAATTCGAATAC ATATTACCTNNNTGCATCAGGT	7420	TGCAGGACCAGAGAATTCGAATA CAGTCCGCGANNNTGCATCAGGT	7660
TGCAGGACCAGAGAATTCGAATAC ATGCATGTGNNNTGCATCAGGT	7421	TGCAGGACCAGAGAATTCGAATA CACCATCATCNNNTGCATCAGGT	7661
TGCAGGACCAGAGAATTCGAATAC AGCTTTGAGNNNTGCATCAGGT	7422	TGCAGGACCAGAGAATTCGAATA CACCTGTCATNNNTGCATCAGGT	7662
TGCAGGACCAGAGAATTCGAATAC ATCCTATTANNNTGCATCAGGT	7423	TGCAGGACCAGAGAATTCGAATA CAGCTTCCTANNNTGCATCAGGT	7663
TGCAGGACCAGAGAATTCGAATAC ACGTCAGGCNNNTGCATCAGGT	7424	TGCAGGACCAGAGAATTCGAATA CAACCCAACANNNTGCATCAGGT	7664
TGCAGGACCAGAGAATTCGAATAC ACCGCGATGNNNTGCATCAGGT	7425	TGCAGGACCAGAGAATTCGAATA CAAAACGCGANNNTGCATCAGGT	7665
TGCAGGACCAGAGAATTCGAATAC AGGTTGTCANNNTGCATCAGGT	7426	TGCAGGACCAGAGAATTCGAATA CATCTGCATCNNNTGCATCAGGT	7666
TGCAGGACCAGAGAATTCGAATAC AGCAGCAAANNNTGCATCAGGT	7427	TGCAGGACCAGAGAATTCGAATA CAATTCCAAANNNTGCATCAGGT	7667
TGCAGGACCAGAGAATTCGAATAC AGCGTAACTNNNTGCATCAGGT	7428	TGCAGGACCAGAGAATTCGAATA CACACCAAGTNNNTGCATCAGGT	7668
TGCAGGACCAGAGAATTCGAATAC AGAGAGTCANNNTGCATCAGGT	7429	TGCAGGACCAGAGAATTCGAATA CAGCACAACTNNNTGCATCAGGT	7669
TGCAGGACCAGAGAATTCGAATAC ACTATGCCTNNNTGCATCAGGT	7430	TGCAGGACCAGAGAATTCGAATA CAAGGTGGATNNNTGCATCAGGT	7670
TGCAGGACCAGAGAATTCGAATAC AAACCGAAGNNNTGCATCAGGT	7431	TGCAGGACCAGAGAATTCGAATA CATGCTAGCANNNTGCATCAGGT	7671
TGCAGGACCAGAGAATTCGAATAC ACGGCCCGGNNNTGCATCAGGT	7432	TGCAGGACCAGAGAATTCGAATA CATTGTGAGCNNNTGCATCAGGT	7672
TCCACCACCAGACAATTCGAATAC AAAGCGCCCNNNTGCATCAGGT	7433	TCCACCACCACACAATTCCAATA CAAGTTTCGGNNNTGCATCAGGT	7673
TGCAGGACCAGAGAATTCGAATAC AATAAGGATNNNTGCATCAGGT	7434	TGCAGGACCAGAGAATTCGAATA CAGCTAGTACNNNTGCATCAGGT	7674
TGCAGGACCAGAGAATTCGAATAC AAGCTGAGANNNTGCATCAGGT	7435	TGCAGGACCAGAGAATTCGAATA CATAGGTGCTNNNTGCATCAGGT	7675
TGCAGGACCAGAGAATTCGAATAC ACTCTGACTNNNTGCATCAGGT	7436	TGCAGGACCAGAGAATTCGAATA CACATTACGGNNNTGCATCAGGT	7676
TGCAGGACCAGAGAATTCGAATAC ATCGCAGGCNNNTGCATCAGGT	7437	TGCAGGACCAGAGAATTCGAATA CATGCAATTANNNTGCATCAGGT	7677
TGCAGGACCAGAGAATTCGAATAC AATATTAGCNNNTGCATCAGGT	7438	TGCAGGACCAGAGAATTCGAATA CATGGCCCCTNNNTGCATCAGGT	7678
TGCAGGACCAGAGAATTCGAATAC AACCGTATGNNNTGCATCAGGT	7439	TGCAGGACCAGAGAATTCGAATA CAGCTGCAGCNNNTGCATCAGGT	7679

FIG. 22H

Pool-31	SEQ ID NO:	Pool-32	SEQ ID NO:
TGCAGGACCAGAGAATTCGAATAC AGGTCGGTCNNNTGCATCAGGT	7440	TGCAGGACCAGAGAATTCGAATA CATTTGCCCANNNTGCATCAGGT	7680
TGCAGGACCAGAGAATTCGAATAC AATATCGTANNNTGCATCAGGT	7441	TGCAGGACCAGAGAATTCGAATA CAGACCATTGNNNTGCATCAGGT	7681
TGCAGGACCAGAGAATTCGAATAC AACCTCTCANNNTGCATCAGGT	7442	TGCAGGACCAGAGAATTCGAATA CACCGCGTAGNNNTGCATCAGGT	7682
TGCAGGACCAGAGAATTCGAATAC AGTCGGTGCNNNTGCATCAGGT	7443	TGCAGGACCAGAGAATTCGAATA CATTAGCTGGNNNTGCATCAGGT	7683
TGCAGGACCAGAGAATTCGAATAC ATTCGCCCGNNNTGCATCAGGT	7444	TGCAGGACCAGAGAATTCGAATA CATCTGATTTNNNTGCATCAGGT	7684
TGCAGGACCAGAGAATTCGAATAC ACAGGCTGCNNNTGCATCAGGT	7445	TGCAGGACCAGAGAATTCGAATA CATCATAGGCNNNTGCATCAGGT	7685
TGCAGGACCAGAGAATTCGAATAC ATCGCTTACNNNTGCATCAGGT	7446	TGCAGGACCAGAGAATTCGAATA CATGGAGGTANNNTGCATCAGGT	7686
TGCAGGACCAGAGAATTCGAATAC ACGGATTGTNNNTGCATCAGGT	7447	TGCAGGACCAGAGAATTCGAATA CAGTCTCTACNNNTGCATCAGGT	7687
TGCAGGACCAGAGAATTCGAATAC ACAAGCTGTNNNTGCATCAGGT	7448	TGCAGGACCAGAGAATTCGAATA CAGCCTGGTGNNNTGCATCAGGT	7688

FIG. 23



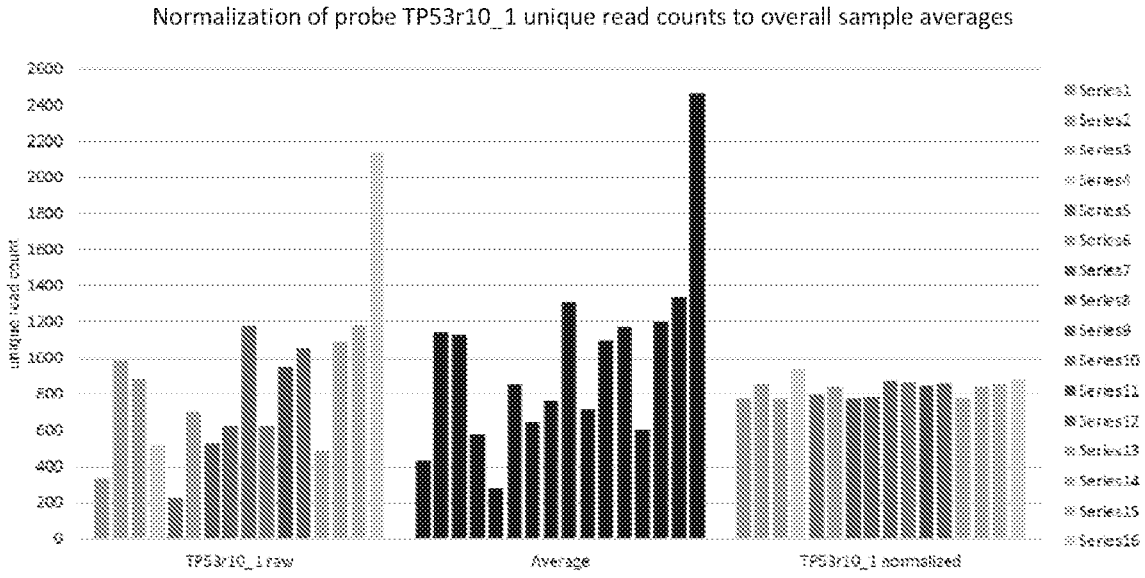


FIG. 24A FIG. 24B FIG. 24C

FIG. 25

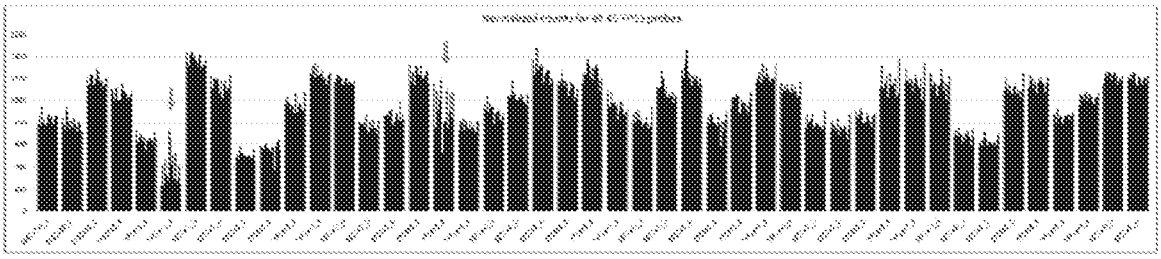


FIG. 26

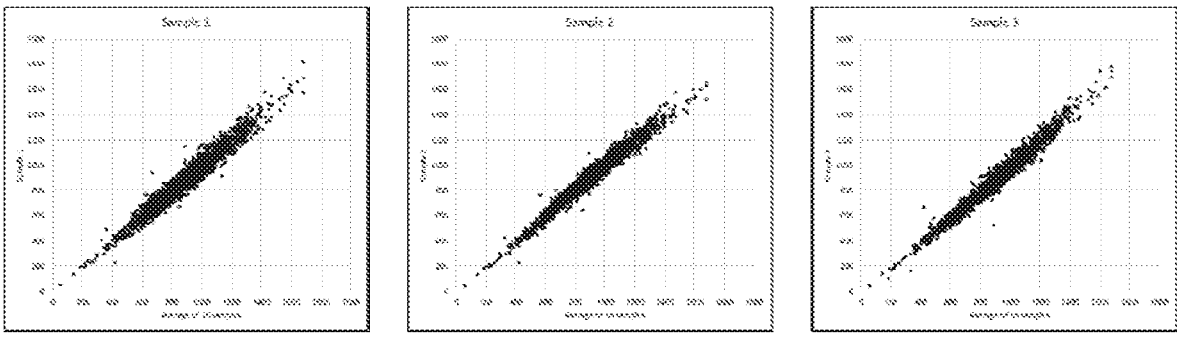


FIG. 27A

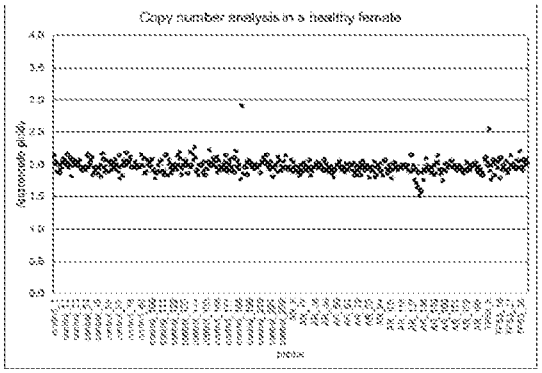


FIG. 27B

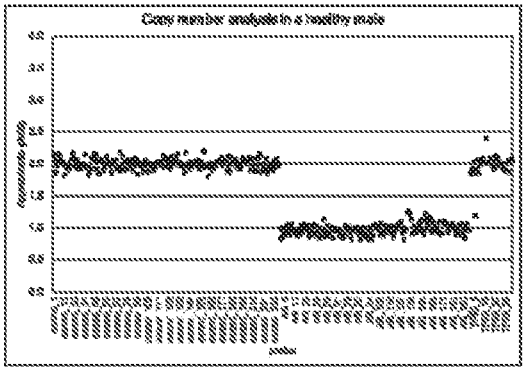


FIG. 27C

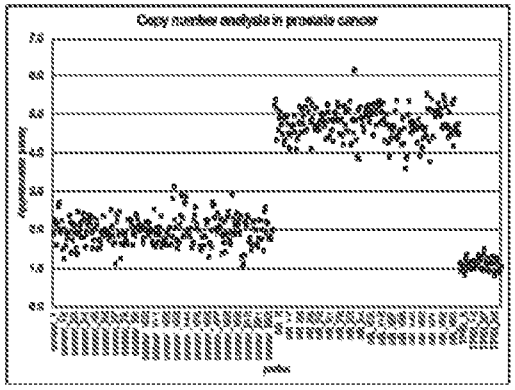


FIG. 28

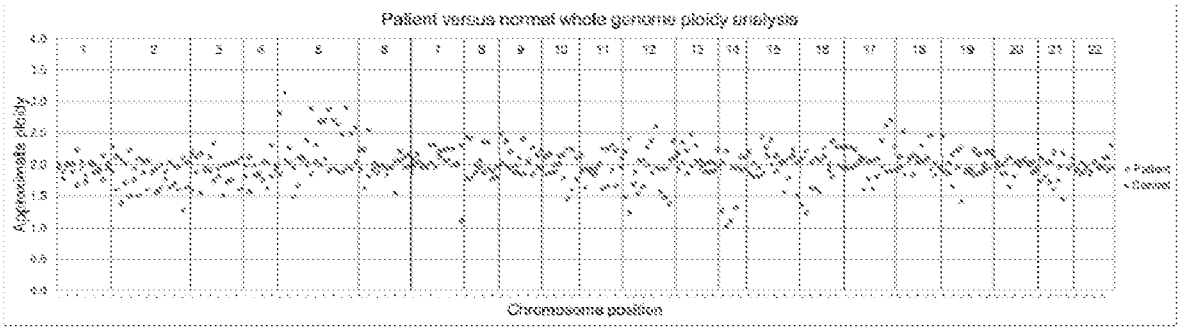
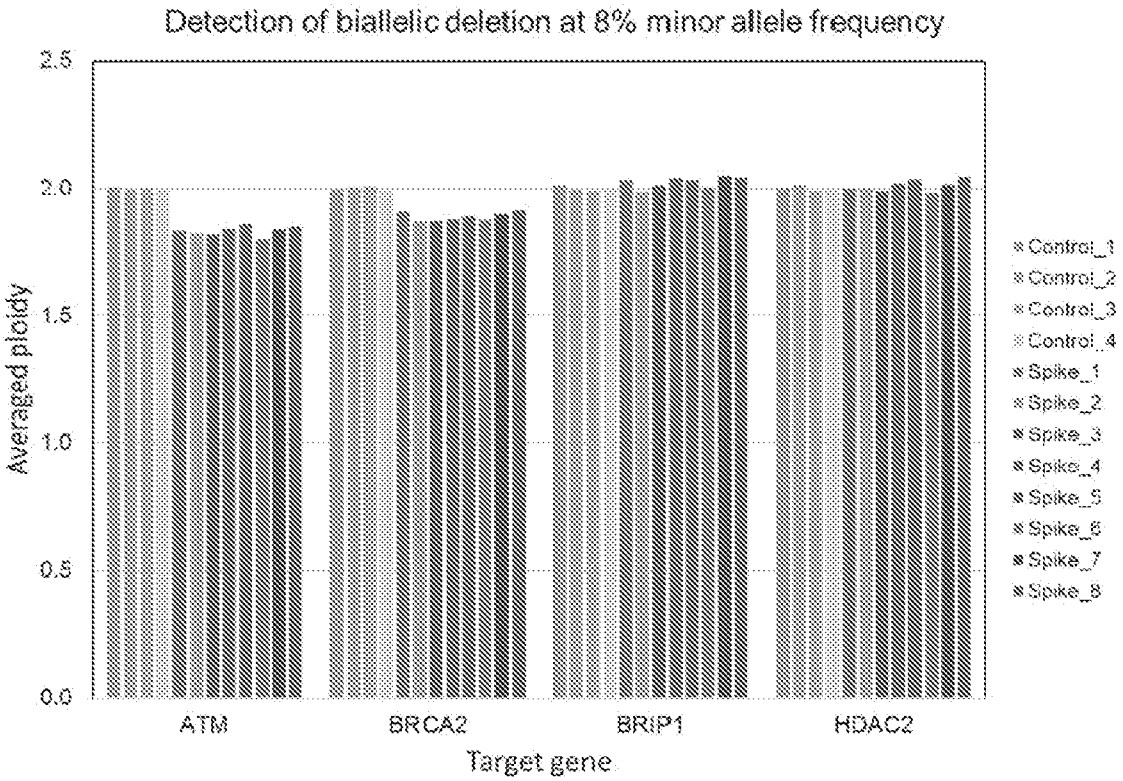

Patient versus normal whole genome ploidy analysis
Approximate ploidy
Chromosome position
Patient
Normal

FIG. 29


Detection of biallelic deletion at 8% minor allele frequency
Averaged ploidy
2.5
2.0
1.5
1.0
0.5
0.0
ATM
BRCA2
BRIP1
HDAC2
Target gene
Control_1
Control_2
Control_3
Control_4
Spike_1
Spike_2
Spike_3
Spike_4
Spike_5
Spike_6
Spike_7
Spike_8