

Ad3 left end	1	CTATCTATATAACCTTATAGATGGAATGGTGCCAAACATGTAAATGAGTAAATTA	100
Ad35 left end	1	CATCATCAATAATAACCTTATAGATGGAATGGTGCCAAATATGTAAATGAGGTGA	100
Ad3 left end	101	GCTAAAAGGGGGCGCGGACCGTGGGAAAAATGACGTGACTTATGTGGGAGGAGT	198
Ad35 left end	101	GTTAAAAGGGGGCGCGGCGGTGGGAAAAATGACGT--TTTATGGGGGTGGAGT	195
Ad3 left end	199	GGTTTGAACACGGAAGTAGACAGTTTTCCACCGCTTACTGACAGGATATGAGGTAG	297
Ad35 left end	196	TCTTTTCTCAGGAACTACTTAGTTTTCCACCGGTATTTAACAGGAAATGAGGTAG	294
Ad3 left end	298	ACTAAATGAGGAAGTGAATTTCTGAGTCATTTTCGCGGTTATGCCAGGGTGGAGT	397
Ad35 left end	295	ACTGAATGAGGAAGTGTCTCTGAATAATGTGGTATTTATGGCAGGGTGGAGTAT	394
Ad3 left end	398	GATTACCGTGTCTTTCACCTAAATTTCCGCGTACGGTGTCAAAGTCTGTGTCTT	497
Ad35 left end	395	GATTACCGTGTCTTTCACCTGAAATTTCCGCGTACCGTGTCAAAGTCTCTGTCT	493

	left	right	helix turns
1	224	402	20
2	171	402	25
3	195	479	30
4	161	3200	35

Fig. 1

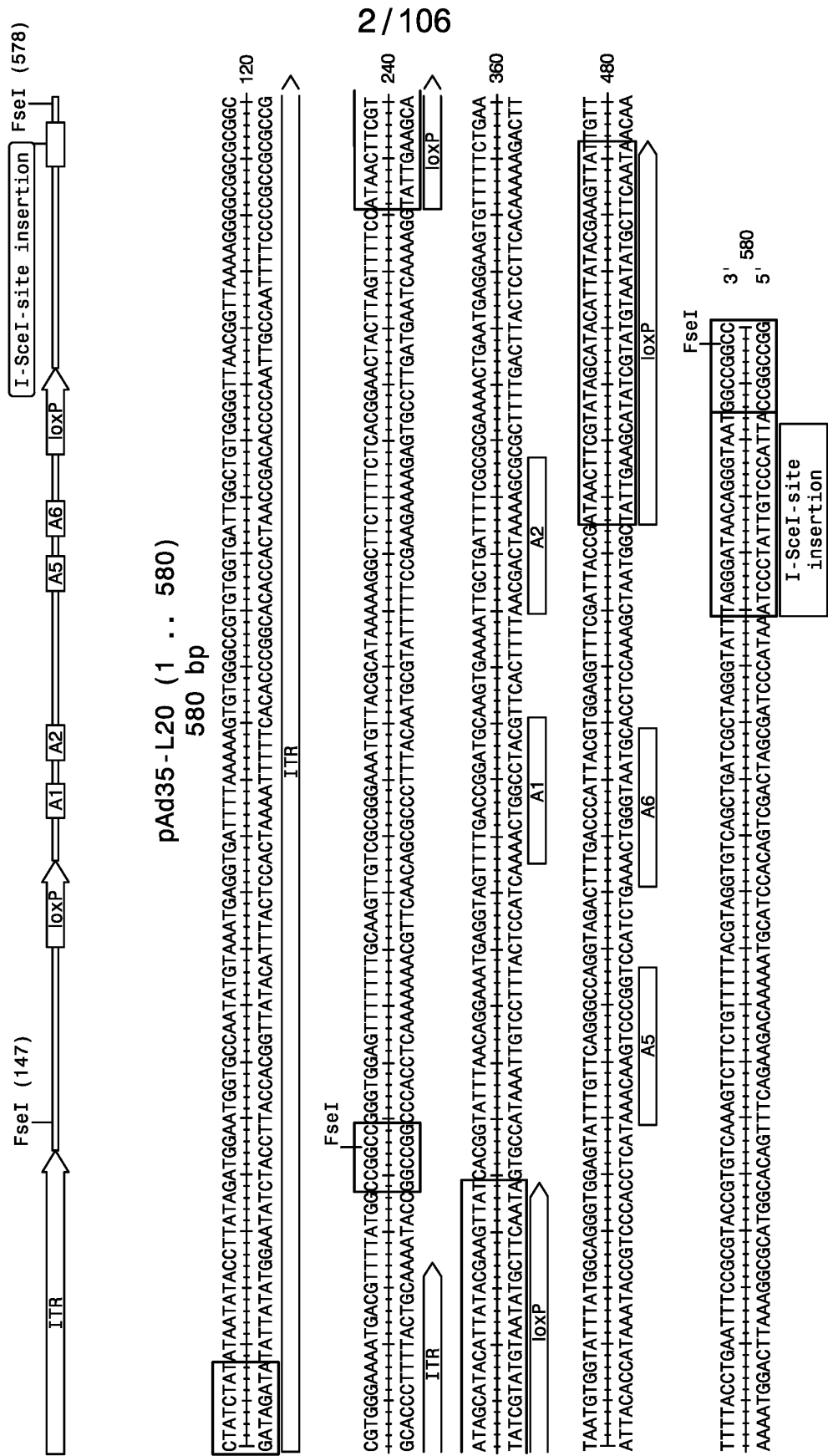


Fig. 2A

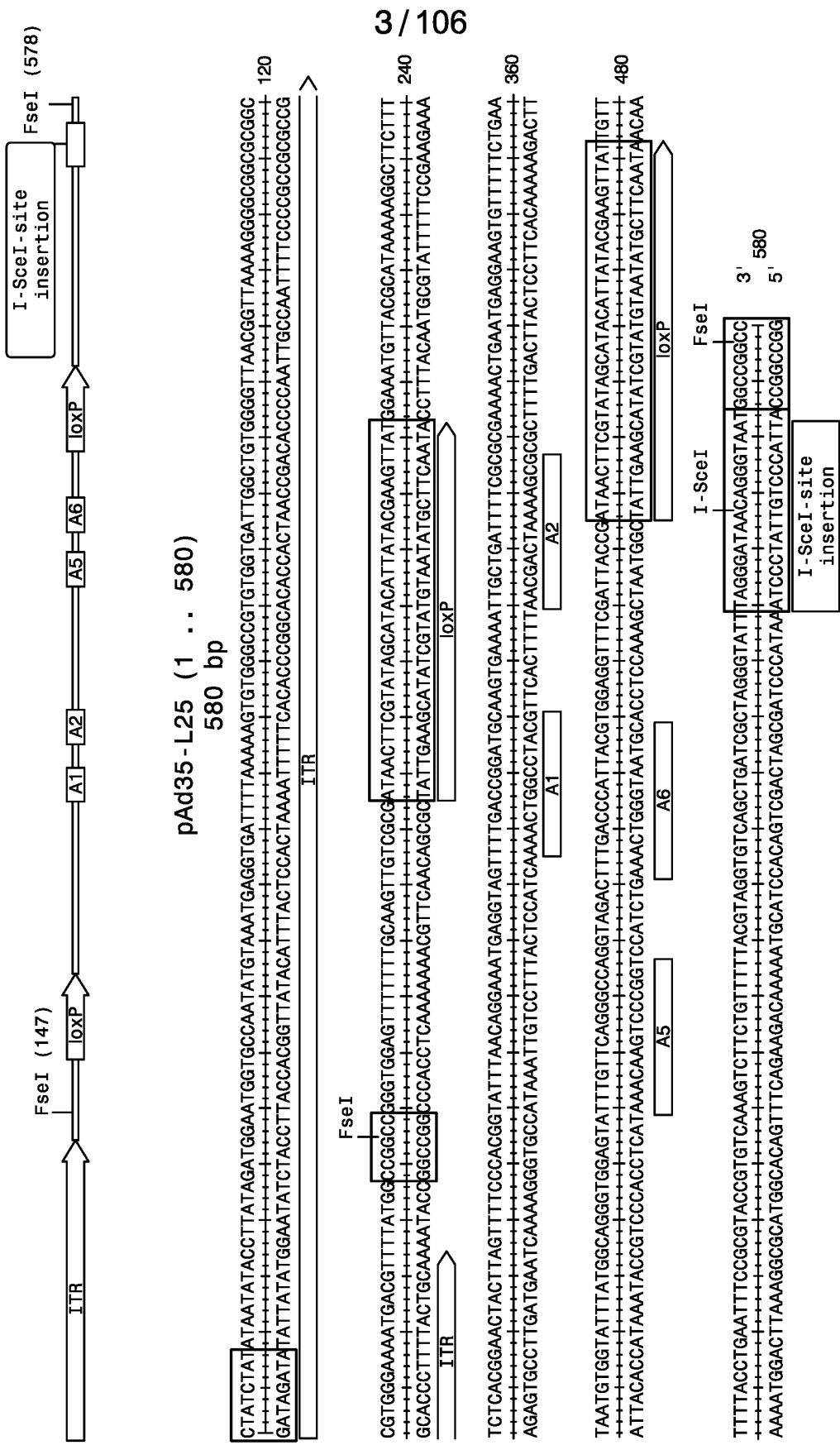


Fig. 2B

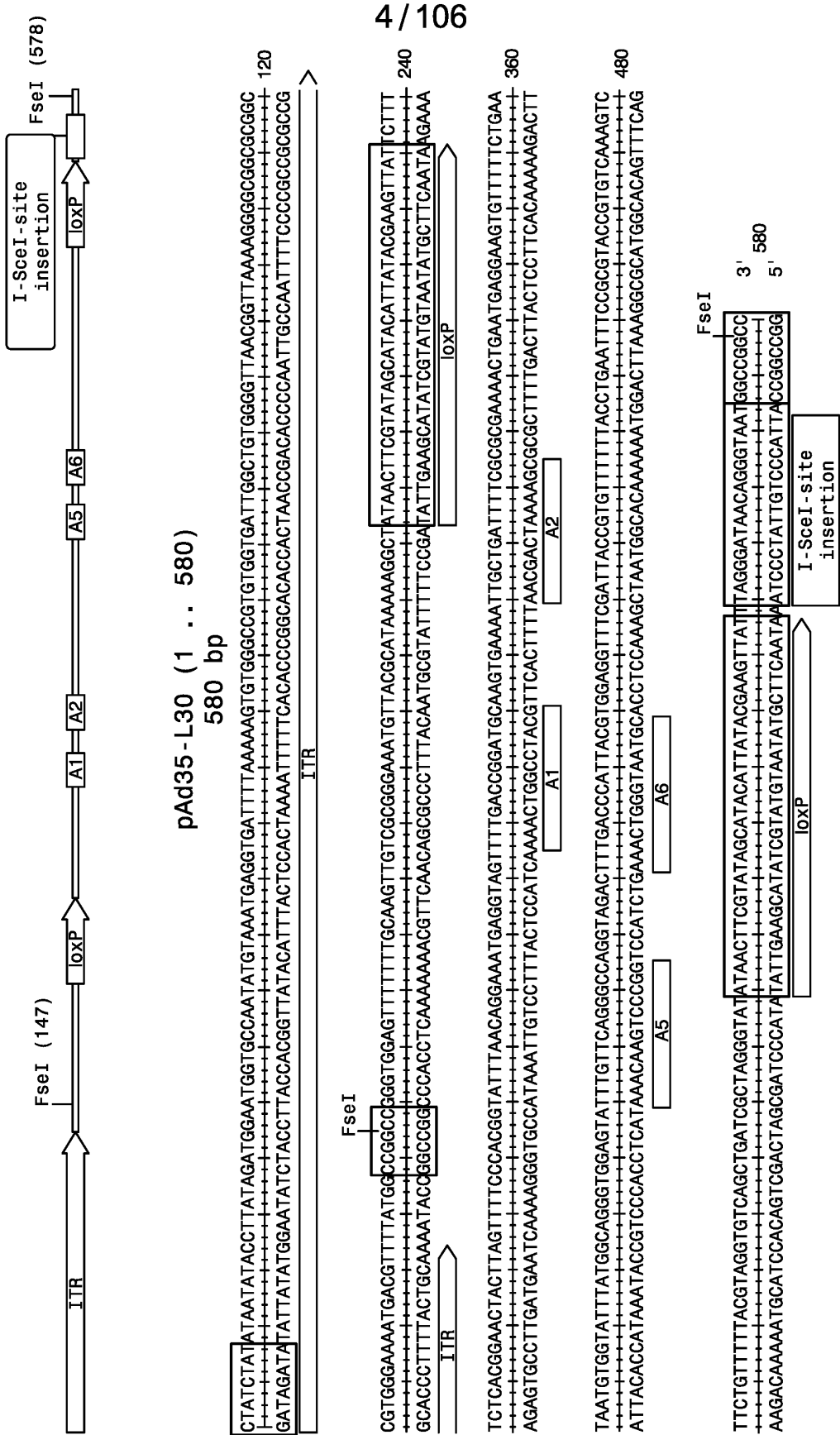


Fig. 2C

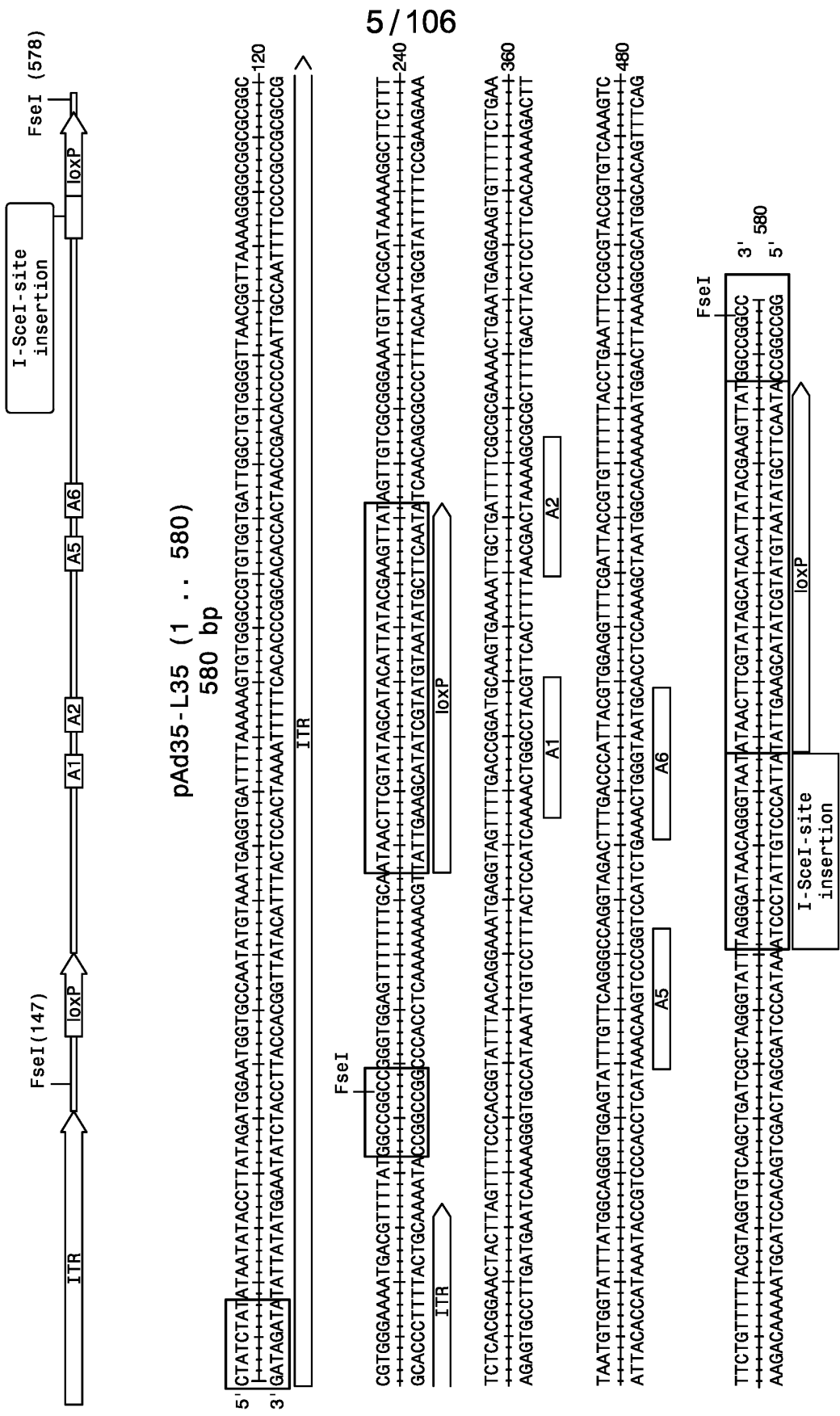
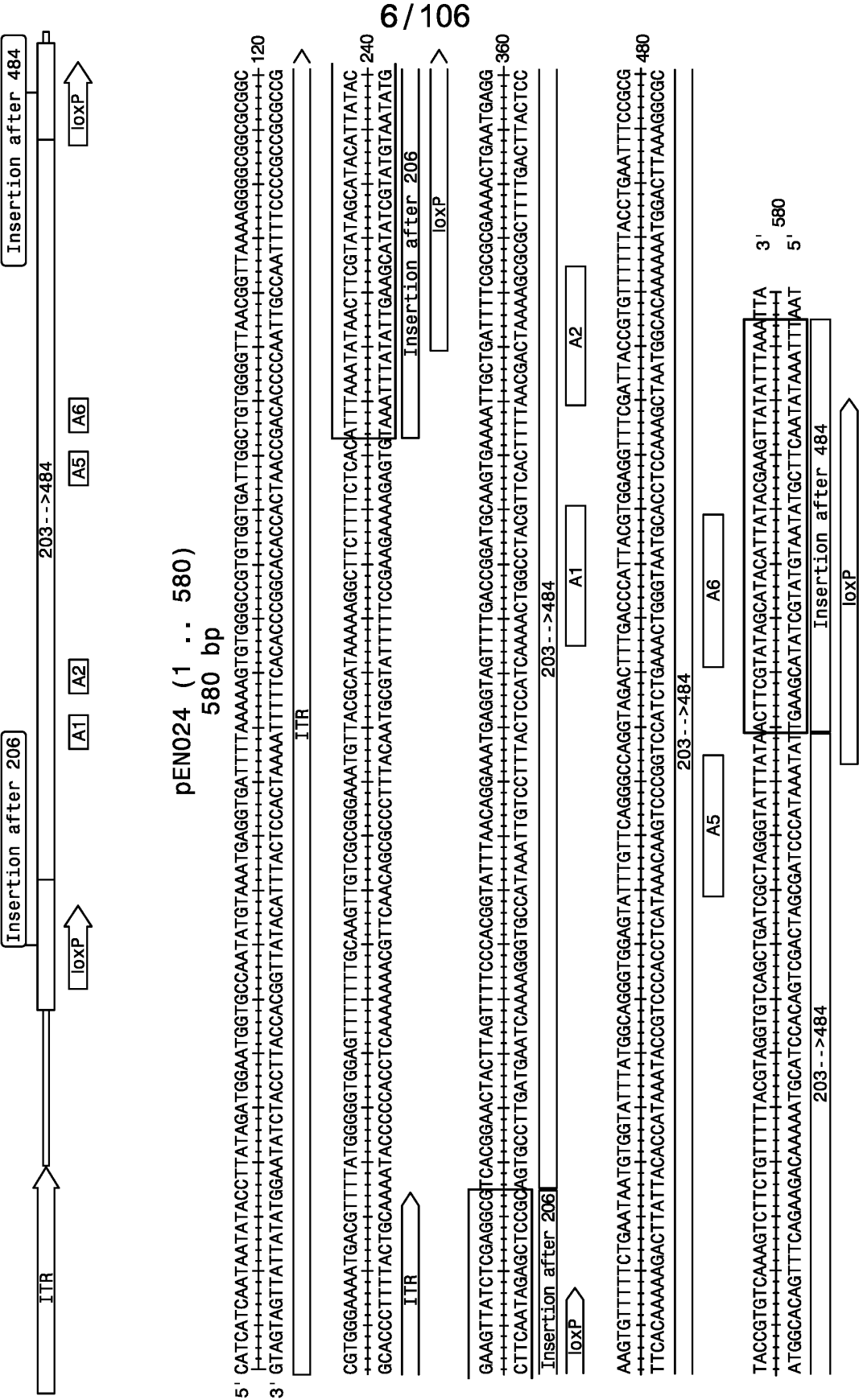


Fig. 2D



Lane	Plasmid	Construct	DNA
1	pEN025	Construct 1	Genome
2	pEN025	Construct 1	Plasmid
3	pEN026	Construct 2	Genome
4	pEN026	Construct 2	Plasmid
5	1kb Plus Ladder (Invitrogen)		
6	pEN027	Construct 3	Genome
7	pEN027	Construct 3	Plasmid
8	pEN028	Construct 4	Genome
9	pEN028	Construct 4	Plasmid

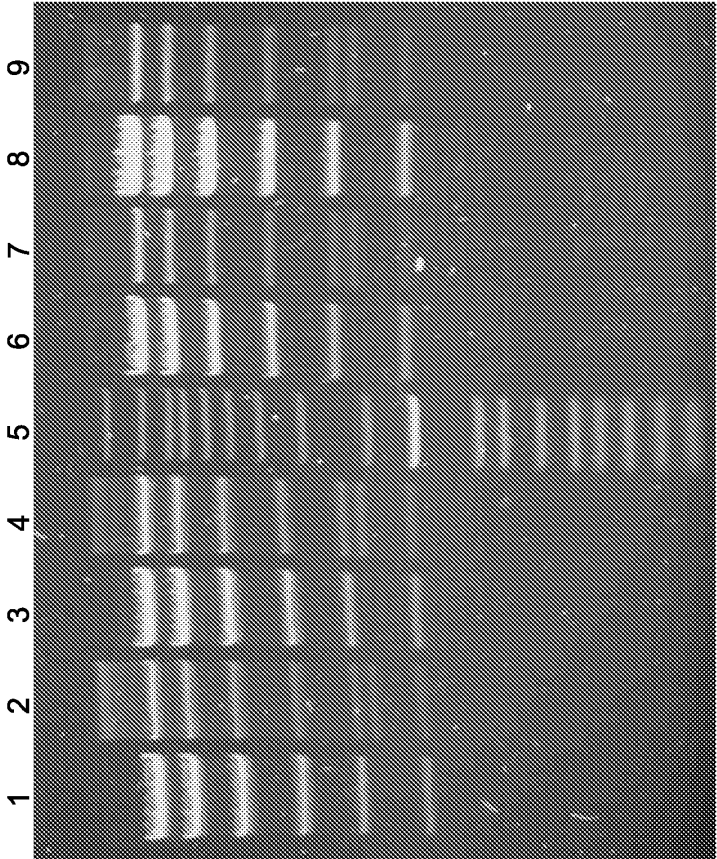


Fig. 3

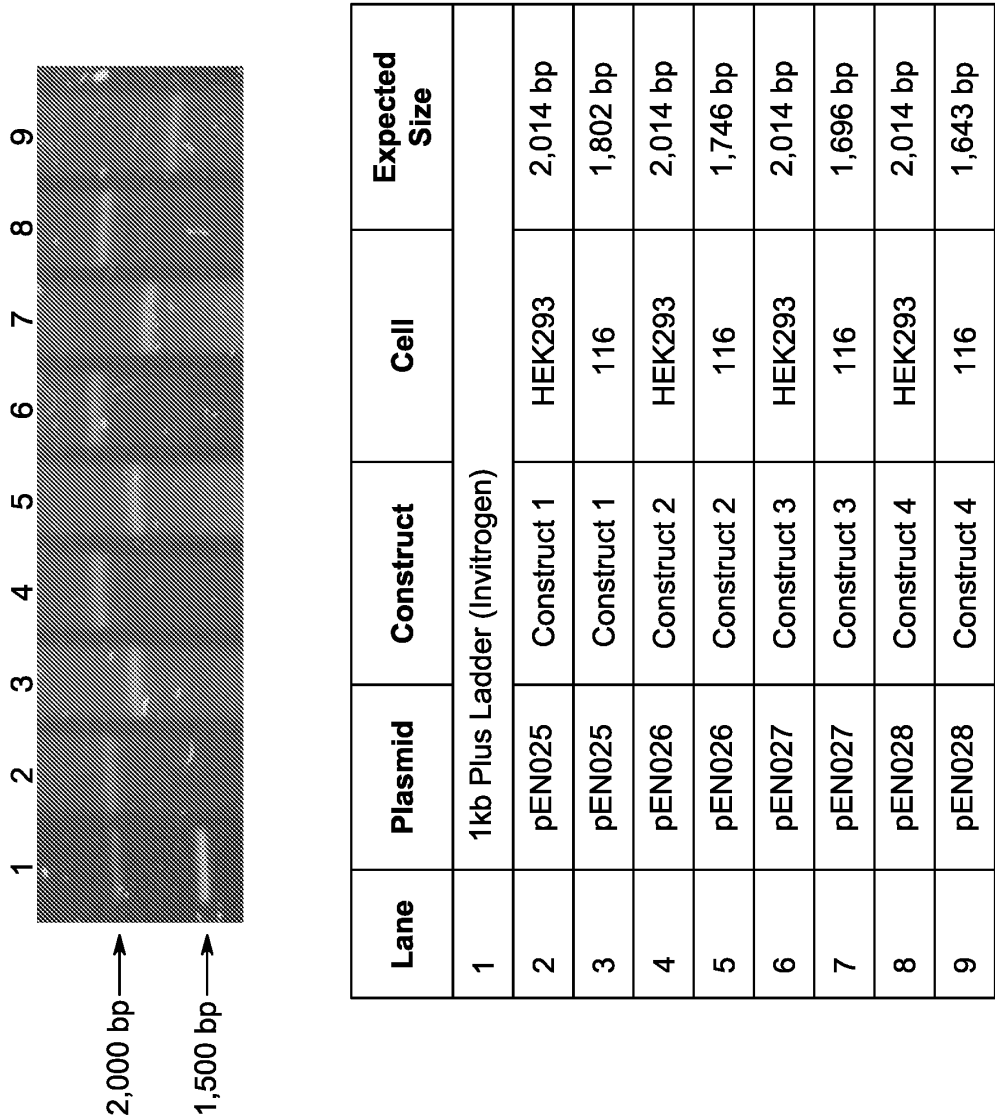


Fig. 4

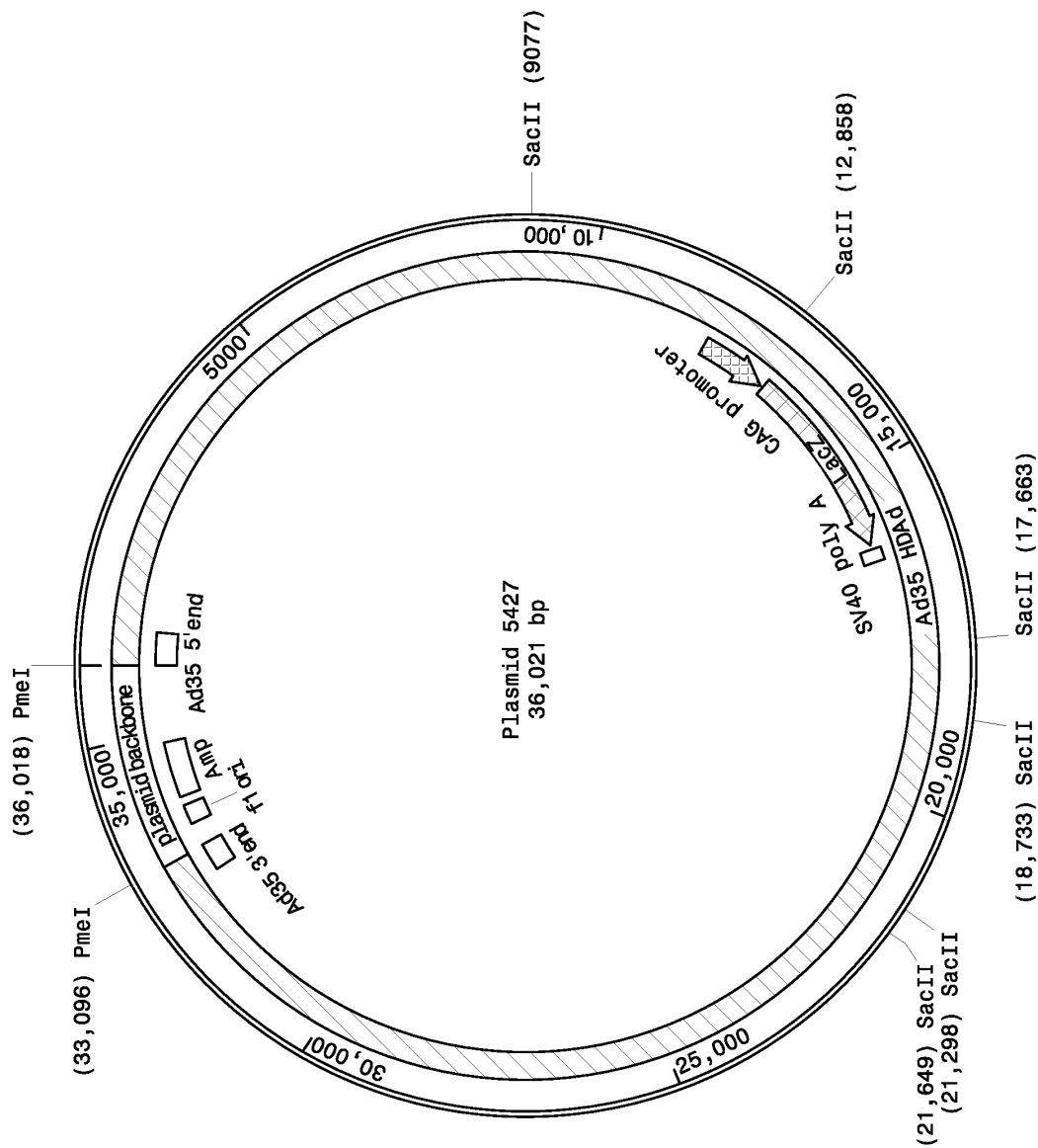


Fig. 5

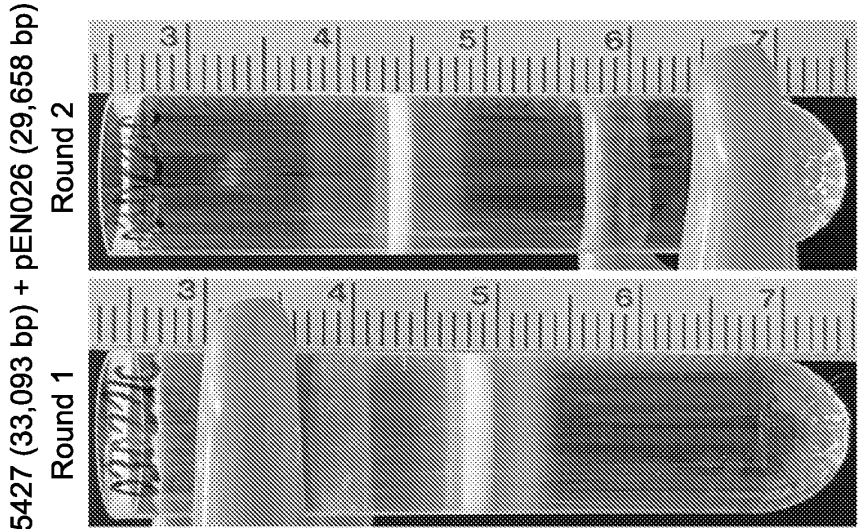


Fig. 6B

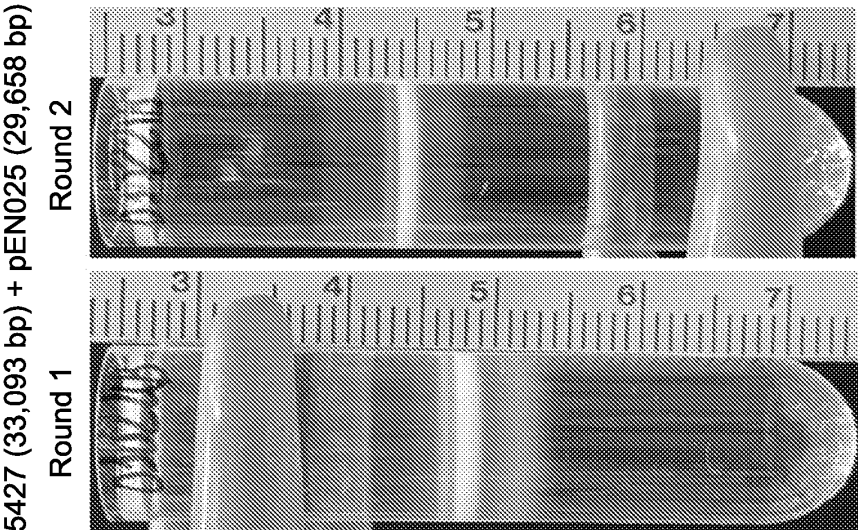


Fig. 6A

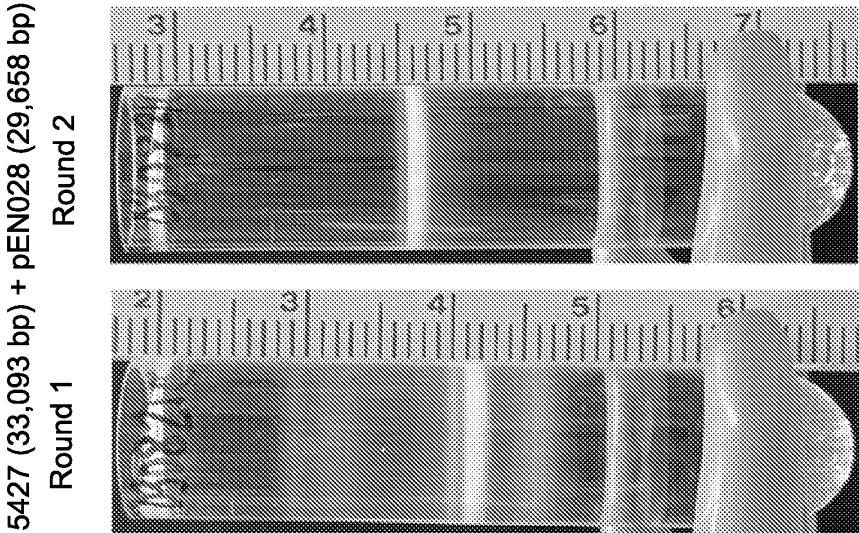


Fig. 6D

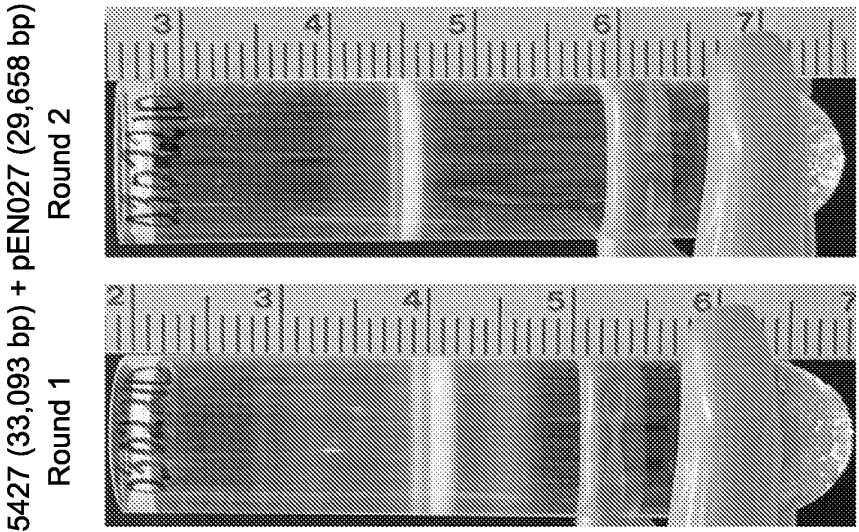


Fig. 6C

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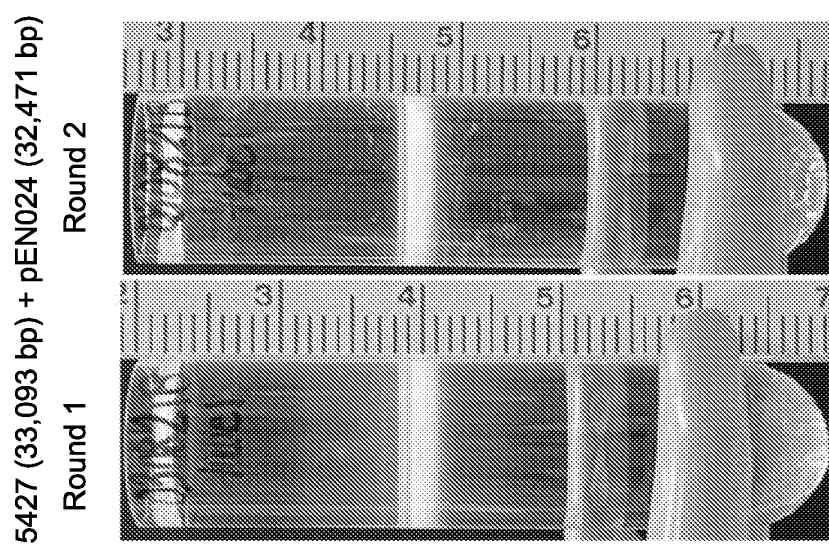


Fig. 6E

Lane	Material	HDAd plasmid	Helper Plasmid	Construct	Digestion
1	1 kb Plus Ladder				
2	HDAd plasmid	5427	N/A	N/A	SacII + PmeI
3	Helper plasmid	N/A	pEN025	Construct 1	SacII + SwaI
4	HDAd preparation	5427	pEN025	Construct 1	SacII
5	Helper plasmid	N/A	pEN026	Construct 2	SacII + SwaI
6	HDAd preparation	5427	pEN026	Construct 2	SacII

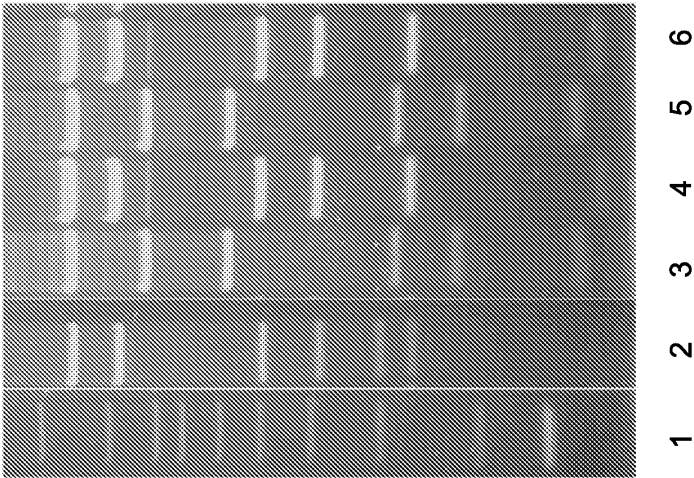


Fig. 7A

Lane	Material	HDAd plasmid	Helper Plasmid	Construct	Digestion
1	1 kb Plus Ladder				
2	HDAd plasmid	5427	N/A	N/A	SacII + PmeI
3	Helper plasmid	N/A	pEN027	Construct 3	SacII + SwaI
4	HDAd preparation	5427	pEN027	Construct 3	SacII
5	Helper plasmid	N/A	pEN028	Construct 4	SacII + SwaI
6	HDAd preparation	5427	pEN028	Construct 4	SacII

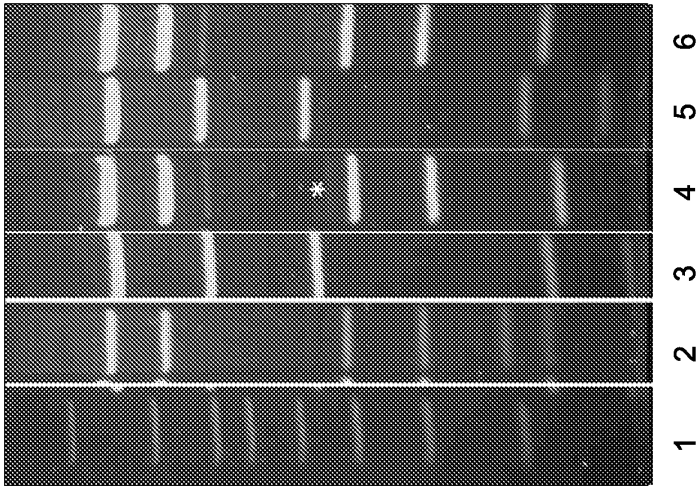
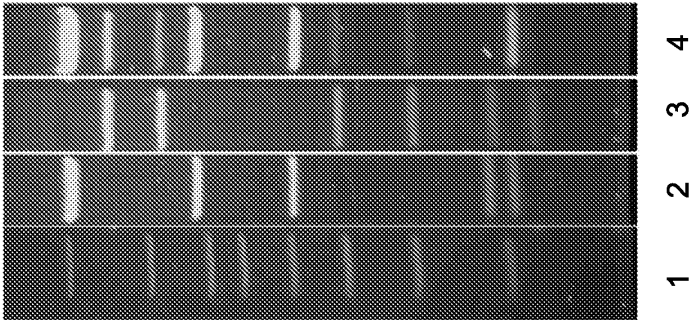


Fig. 7B



SUBSTITUTE SHEET (RULE 26)

Lane	Material	HDAd plasmid	Helper Plasmid	Digestion
1	1 kb Plus Ladder			
2	Helper plasmid	N/A	pEN024	SacII + PmeI
3	HDAd plasmid	5427	N/A	SacII + PmeI
4	HDAd preparation	5427	pEN024	SacII

Fig. 7C

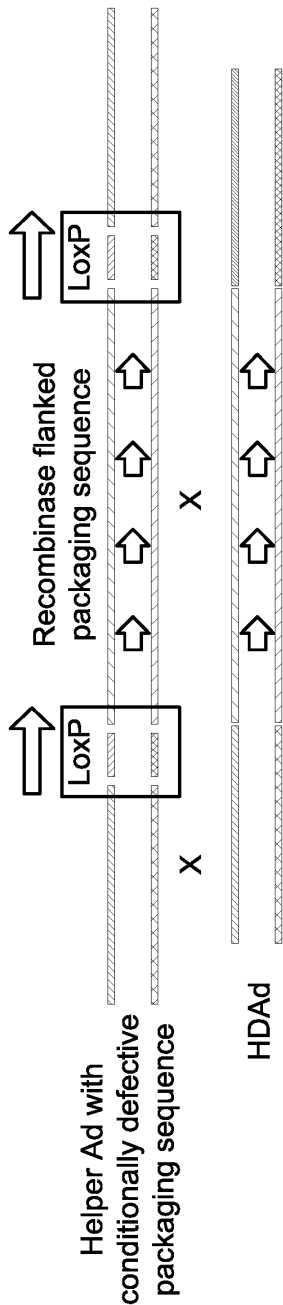


Fig. 8A

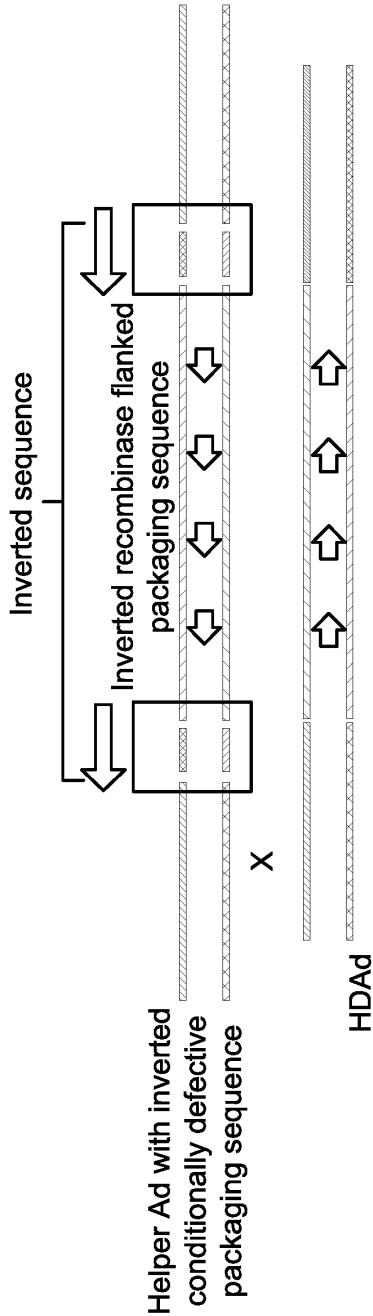


Fig. 8B

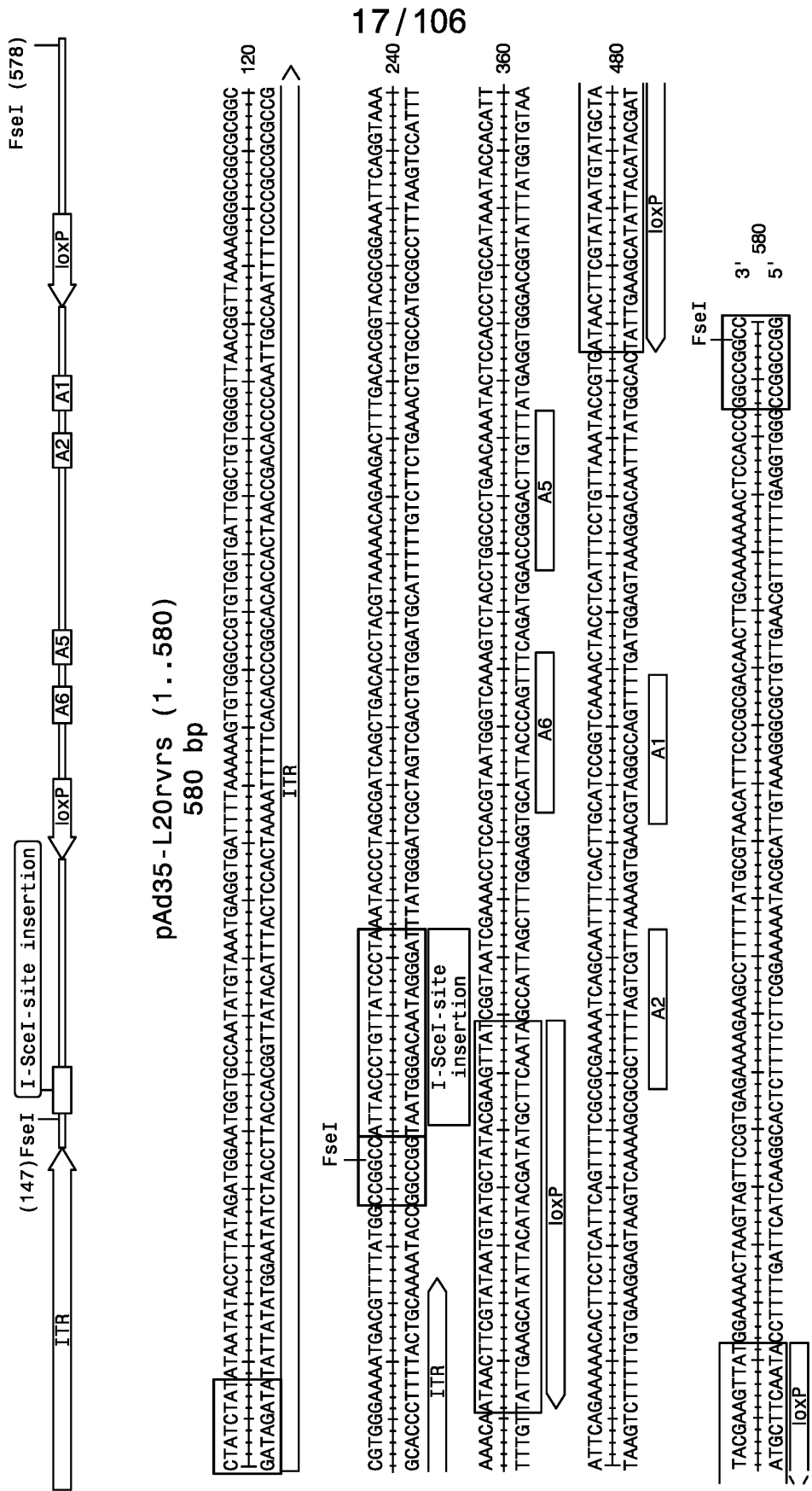


Fig. 9A

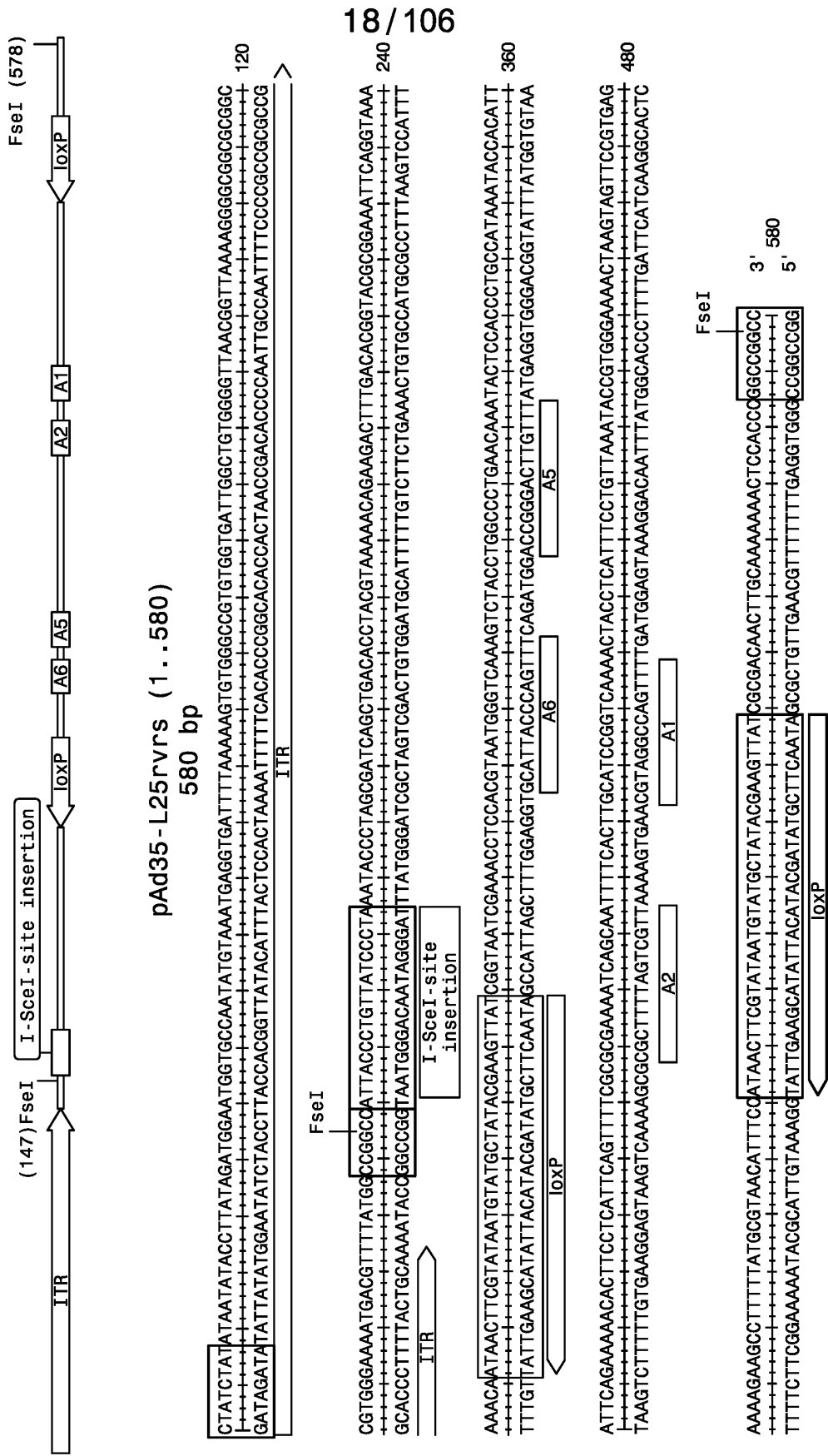


Fig. 9B

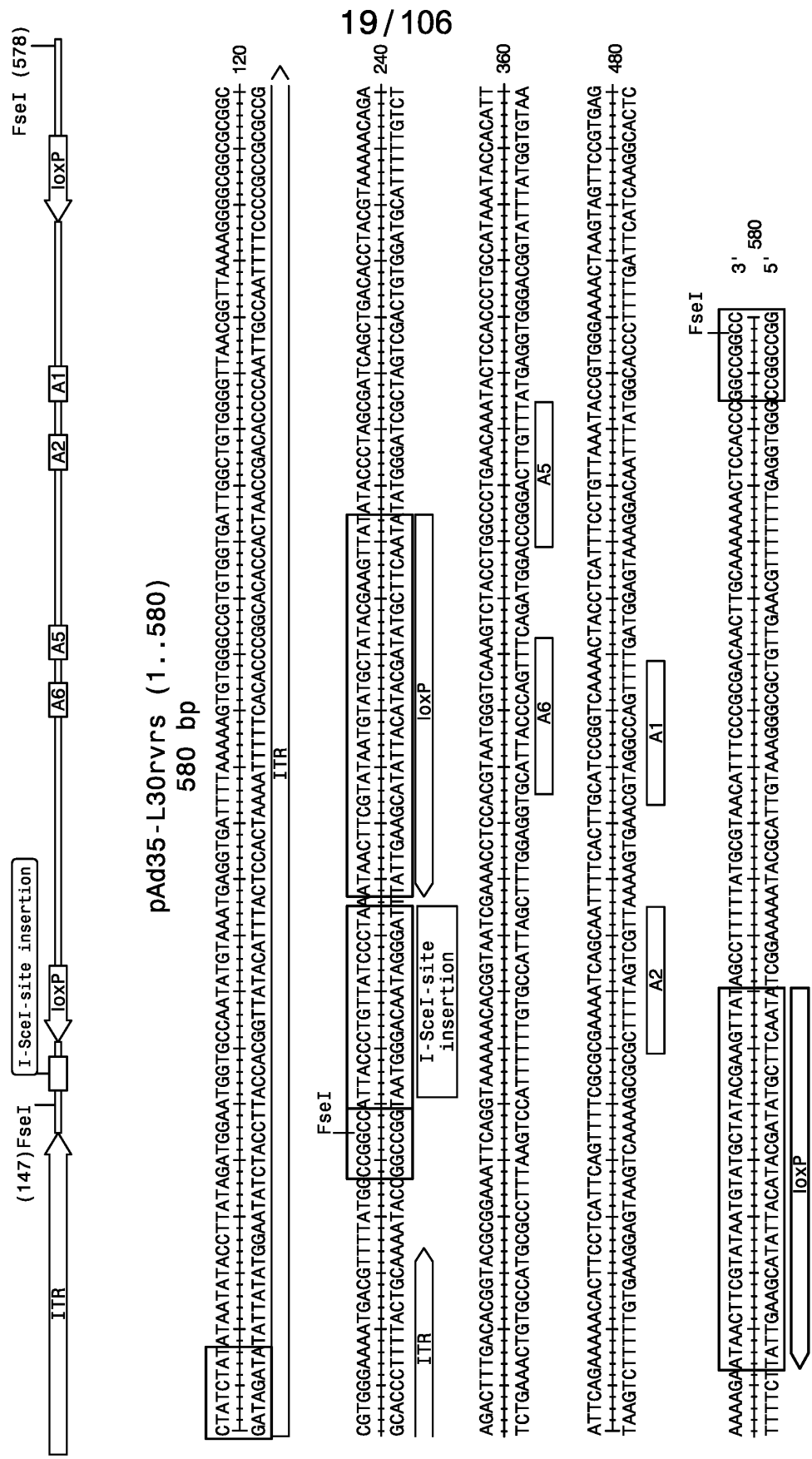


Fig. 9C

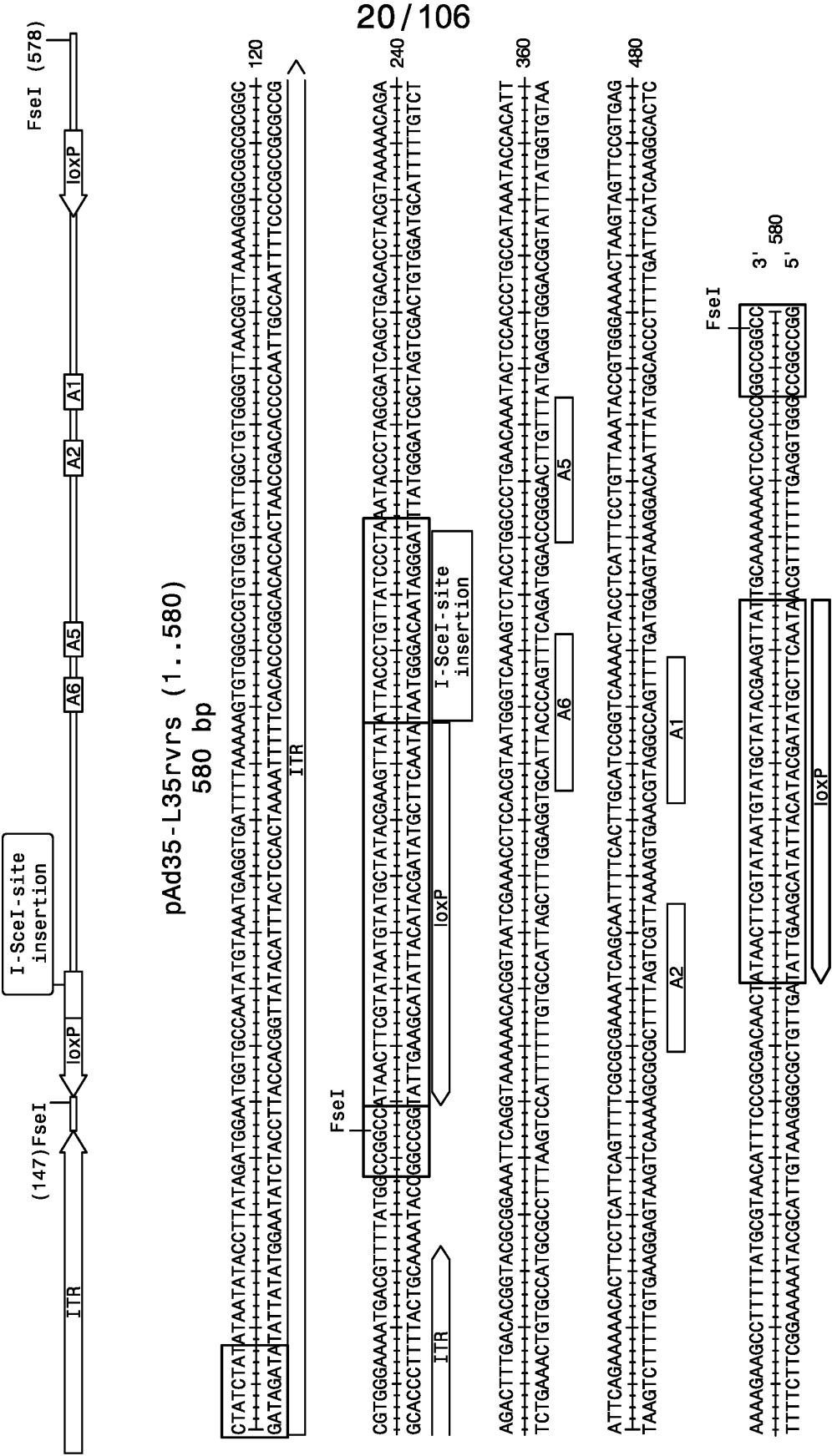


Fig. 9D

Lane	Plasmid	Construct	DNA
1	pEN0056	Construct 7	Plasmid
2	pEN0056	Construct 7	Genome
3	pEN0057	Construct 8	Plasmid
4	pEN0057	Construct 8	Genome
5	1kb Plus Ladder (Invitrogen)		

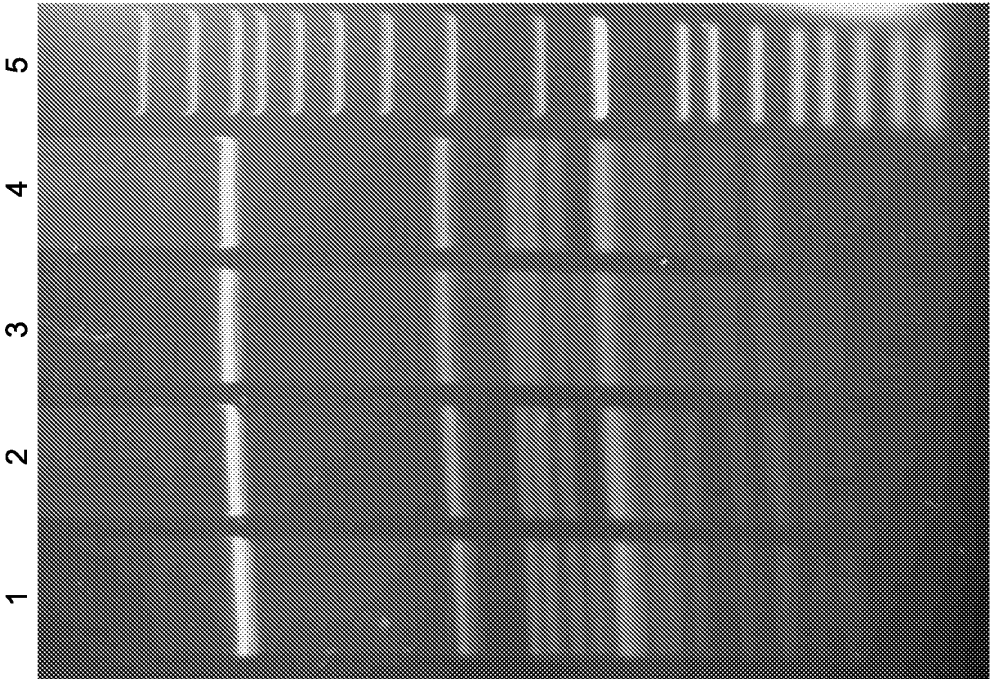


Fig. 10

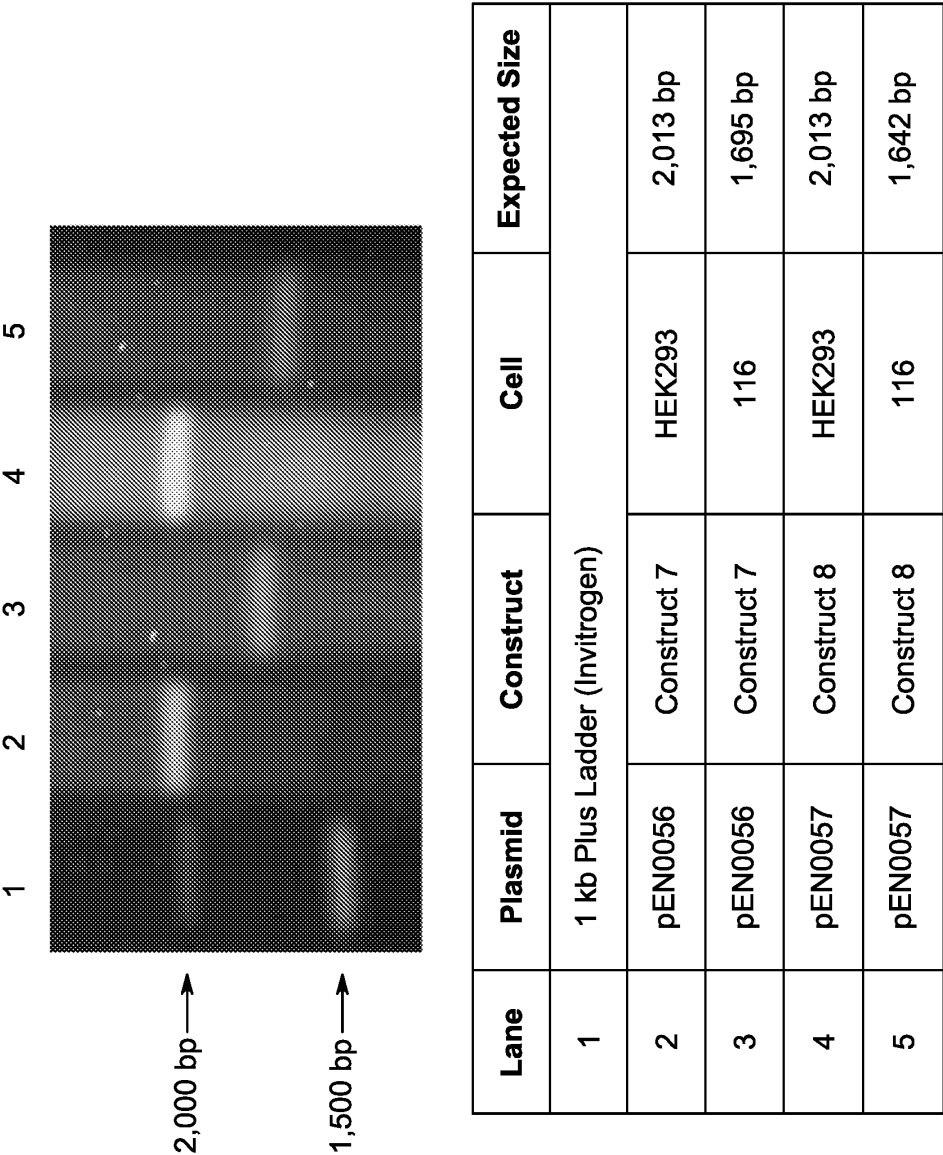


Fig. 11

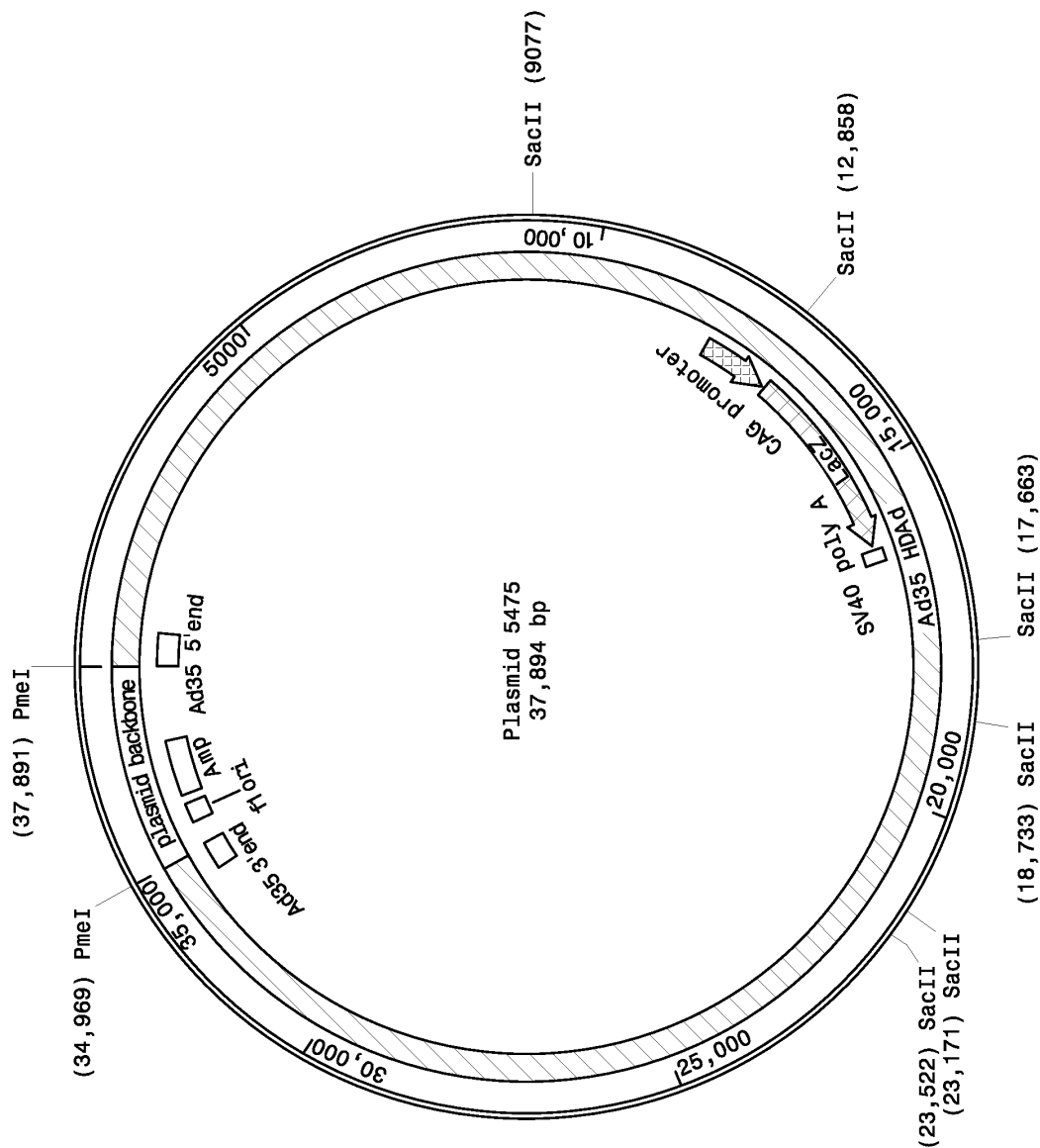


Fig. 12

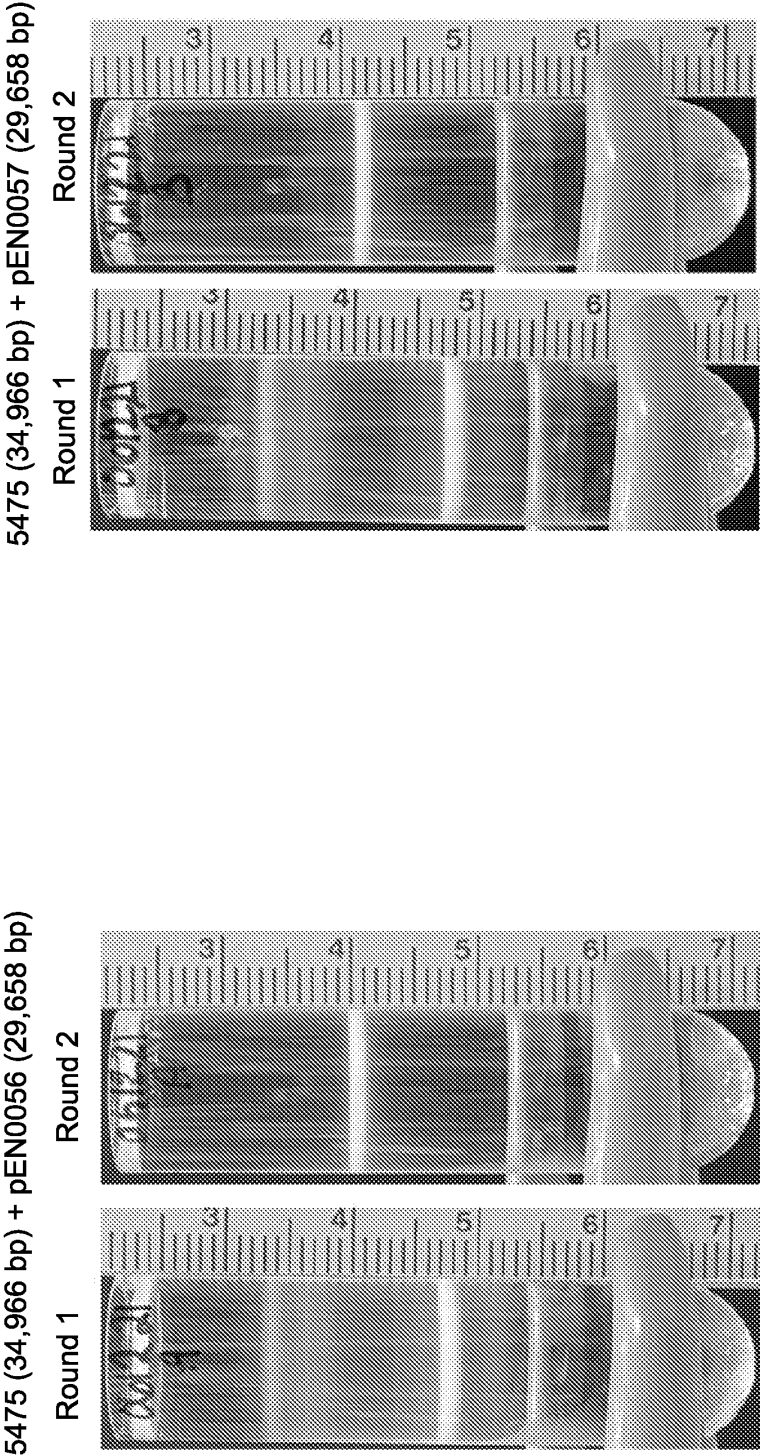
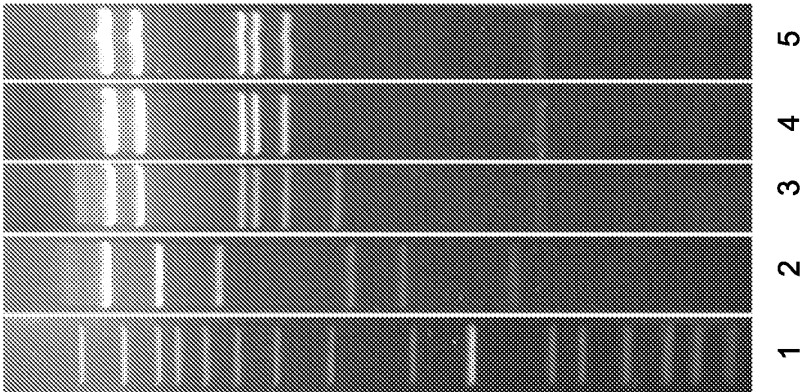


Fig. 13B

Fig. 13A

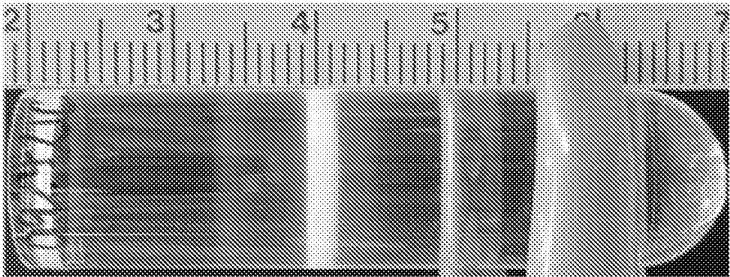


Lane	Material	HDAd plasmid	Helper Plasmid	Construct	Digestion
1	1 kb Plus Ladder				
2	Helper plasmid	N/A	pEN0057	N/A	SacII + SwaI
3	HDAd plasmid	5475	N/A	N/A	SacII + PmeI
4	HDAd preparation	5475	pEN0056	Construct 7	SacII
5	HDAd preparation	5475	pEN0057	Construct 8	SacII

Fig. 14

Plasmid 2 (34,590 bp) + pEN0057 (29,658 bp)

Round 2



Round 1

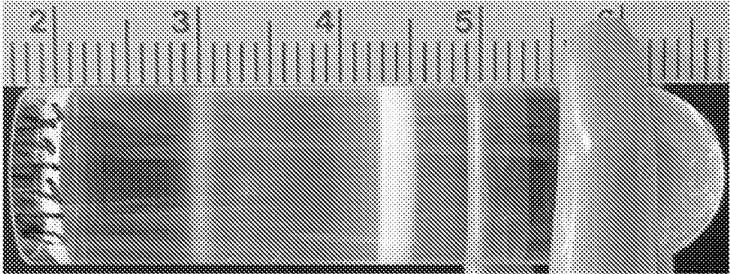
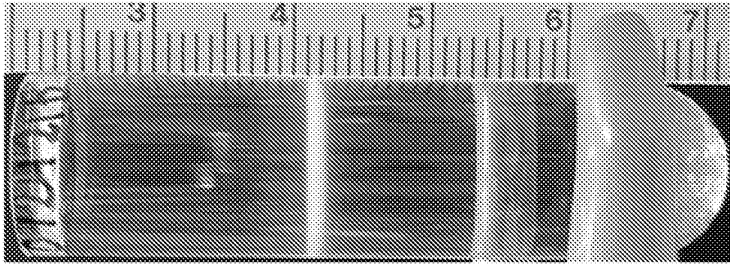


Fig. 15B

Plasmid 1 (34,556 bp) + pEN0057 (29,658 bp)

Round 2



Round 1

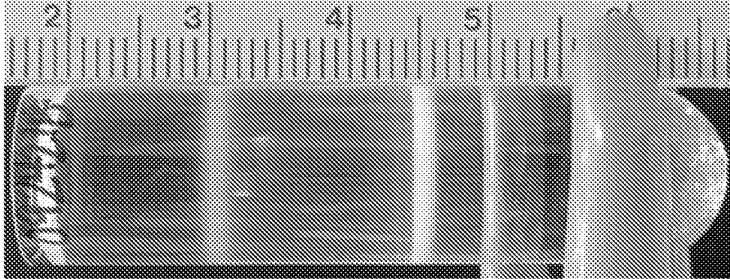
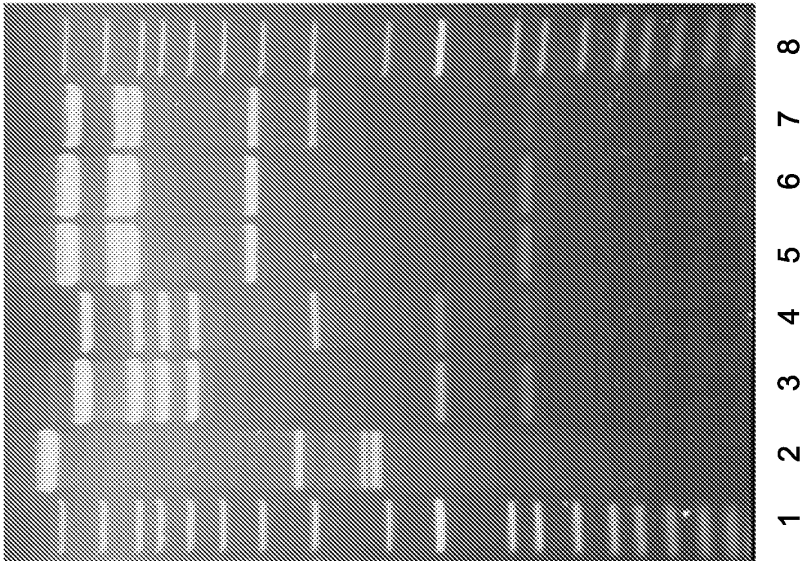


Fig. 15A



Lane	Material	HDAd plasmid	Helper Plasmid	Construct	Digestion
1	1 kb Plus Ladder				
2	Helper plasmid	N/A	pEN0057	Construct 8	EcoRV + SwaI
3	HDAd preparation	Plasmid 1	pEN0057	Construct 8	EcoRV
4	HDAd plasmid	Plasmid 1	N/A	N/A	EcoRV + PmeI
5	HDAd preparation	Plasmid 2	pEN0057	Construct 8	EcoRV
6	HDAd preparation	Plasmid 2	pEN0057	Construct 8	EcoRV
7	HDAd plasmid	Plasmid 2	N/A	N/A	EcoRV + PmeI
8	1 kb Plus Ladder				

Fig. 16

GenBank Accession No. AY128640

CATCATCAATAATATACCTTATAGATGGAATGGTGCCAAATATGTAATGAGGTGATTTTAAAAAGTGTGGGCCGTGTGGTGATTTGGCTGTGGGGTTA
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Fig. 17

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Fig. 17, cont'd

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Fig. 17, cont'd

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 GGAGGCAAGTCCAGACCTCGGCGGGGAGGGCGGAGCTGAAGACGAGAGCGCGAGGCTGGAGCTGTCCAGAGTCTTGAGACGCTGCGGACTCAG
 GTTAGTAGGTAGGACAGAAGATTAACTTGCAATGATCTTTCCAGGCGTCGGGAGGTTCAAGTGGTACTTGAATTCACAGGTTCTGTTGTAGAG
 ACGTCAA TGGCTTGACGGGTTCCGTGTCTTTGGCGCCACTACCGTACCTTTGTTTTCTTTTGATCGGTGGTGGCTCTCTTCTTGCATGC
 TCAGAAAGCGGTGACGGGACGCGCGCGGGCGGACGCGGTGTTCCGACCCGGGGGCATGGCTGGTAGTGGCACGTCGGCGCCGCGCACGGGCAGG
 TTCTGGTATTGCGCTCTGAGAAGACTTGCGTGCGCCACCCAGCGTCGATTGACGCTTGTATCTGACGCTCTCTGGGTGAAAGCTACCGGCCCGTGA
 GCTTGAAACCTGAAAGAGAGTTCAACAGAA TCAATTCGGTATCGTTAACGGCAGCTTGCTCAGTATTTCTTGACGTACCCAGAGTTGTCCTGGTA
 GCGATCTCCGCCATGAAC TGTCTGATTCTCTCTCTGAAAGATCTCCGCGACCCGCTCTTTCGACGTTGGCCGCGAGGTTCATTGGAGATACGGCCC
 ATGAGTTGGGAGAA TGCAATCATGCCCGCTCGTTCCAGACGCGGCTGTAAACACGGCCCCCTCGGAGTCTCTGCGCGCATCACCACTGAGCGA
 GGTAAAGCTCCACGTGCTGTTAAGACCGCATAGTTGCA TAGCGCTGAAAAGGTAGTTGAGTGTGGTGGCAATGTGTTCCGCGACGAAAGAAATA
 CATGATCCATCGTCTACGCGGCAATTCGCTAACATCGCCCCAGAGCTTCCAAAGCGCTCCATGGCCTCGTAGAAGTCCACGGCAAAATTAATAAACTGG
 GAGTTTCGCGCGGACACGGTCAATTCCTCTCGAGAAGACGGATGAGTTCCGGCTATGGTGGCCCCGCTACTTCGCGTTTCAAGGCTCCCGGGATCTCTT
 CTTCTCTCTATCTCTCTCCACTAACATCTCTCTCTGCTTCAGGCGGGGGGAGGGGCGACGCGGCGACGTCGACGGCGCACGGGCAAAACG
 GTCGATGAATCGTTCAATGACCTCTCCGCGCGGGCGGCGCATGGTTTCAGTGACGGCGGGCGGCTCTCGCGCGGTGCGCAGAGTAAATAACACCGCGG
 CGCATCTCCTTAAAGTGGTGACTGGGAGGTTCTCCGTTTGGGAGGAGAGGGCGCTGATTATACATTTTATTAATTGGCCCGTAGGGACTGCGCGCA

Fig. 17, cont'd

GAGATCTGATCGTGTCAAGATCCACGGGATCTGAACACCTTTCCAGCAAAGCGTCTAACAGTCACAGTCACAAGGTAGGCTGAGTACGGCTTCTTG
 TGGCGGGGTGGTTATGTGTTCCGTCGGTCTTCTGTTTCTTCTCATCTCGGAAGGTGAGACGATGCTGCTGGTATGAAATTAAGTAGGCA
 GTTCTAAGACGGCGGATGGCGAGGAGCACAGGTCCTTGGTCCGGCTGCTGGATACGACGGGATGGCCATCCCCAAAGCATATCCTGAC
 ATCTAGCAAGATCTTTGTAGTAGCTTGATGAGCCGTTCTACGGCACCTTCTCCTCACCCGTTCTGCCATGCATACGTGTGAGTCCAAATCCGCG
 CATTGGTTGTACCAAGTGCCAAGTCAGCTACGACTCTTTCCGGCAGGATGGCTTGTACTTGGTAAGGGTGGCTTGAAAGTCATCAAAATCCACA
 AAGCGGTGTAAGCCCTGTATTAATGGTGAAGCACAGTTGGCCATGACTGACCAGTTAACTGTCTGGTGACCAGGGCGCAGAGCTCGGTGTATT
 TAAGCGCGAATAGCGCGGGGTGTCAAAGATGTAATCGTTGCAGGTGCGCACAGATACTGGTACCCATAAGAAAAATGCGGCGGTGGTTGGCGGTA
 GAGAGGCCATCGTTCTGTAGCTGGAGCGCCAGGGCGAGGTCTTCCAACATAAGGCGGTGATAGCCGTAGATGTACCTGGACATCCAGGTGATTCTCT
 GCGGCGGTAGTAGAAGCCCGAGGAACCTCGCGTACGCGTTCCAAATGTTGCGTAGCGGCATGAAGTAGTTCAATTGTAGGCACGGTTTGACCAGTGA
 GCGCGCGCAGTCATTGATGCTCTATAGACACGGAGAAAAAGAAAGCGTTACGCGACTCGACTCCGTAGCCTGGAGGAACGTGAACGGGTGGGTGG
 CGGTGTACCCCGTTCCGAGACTTGACTCGAGCCGCGGAGCCGGGCTAACGTGGTATTGGCACCTCCGCTCTCGACCCAGCCTACAAAAATCCAG
 GATACGGAATCGAGTCGTTTGTGTTTCCGAAATGGCAGGGAAGTGAGTCTATTTTTTTTTTTTTTGGCGCTCAGAAATGCATCCCGTGTGCGA
 CAGATGCGCCCCCAACACAGCCCCCTCGCAGCAGCAGCAGCAACCAAAAGGCTGTCCCTGCAACTACTGCAACTGCCGCGGTGAGCGGTG³
 CGGACAGCGCGCTATGATCTGGACTTGAAGAGGGCGAAGGACTGGCACGTCTAGGTGCGCTTCGCCCCGAGCGCATCCGCGAGTTCAACTGAA³
 AAAAGATTCTCGGAGGCGTATGTGCCCAACAGAACCTATTAGACAGAAAGCGCGAGGAGCCGAGGAGATGCGAGCTTCCGCTTTAACGCG¹
 GGTGCTGAGCTGCGTCACGGTTTGGACCGAAGACGAGTGTTCGAGACGAGGATTCGAAAGTTGATGAAGTGACAGGGATCAGTCTGCGCAGGGCAC⁶
 ACGTGGCTGCAGCCAACTTGATCGGCTTACGAGCAGACAGTAAAGGAAGAGCGTAACCTCCAAAAGTCTTTTAAATCATGTGCGAACCCCTGAT
 TGCCCGGAAGAAGTTACCTTGGTTTGATGCAATTTGTGGGATTGATGGAAGCTATCATTCAGAACCCCTACTAGCAACCTCTGACCGCCAGCTG
 TTTCTGGTGGTGCACACAGCAGAGACAATGAGGCTTTCAGAGAGGCGCTGTAACATCACCGAACCCGAGGGGAGATGGTTGTATGATCTTATCA
 ACATTCTACAGAGTATCATAGTGCAGGAGCGGAGCCTGGGCTGGCCGAGAAGGTAGCTGCCATCAATTACTCGGTTTTGAGCTTGGGAAAAATATTA
 CGCTCGCAAAATCTACAAGACTCCATACGTTCCCATAGACAAGGAGGTGAAGATAGATGGGTTCTACATGCGCATGACGCTCAAGGCTTGACCCCTG
 AGCATGATCTTGGGTGTATCGCAATGACAGAAATGCATCGCGCGTTAGCGCCAGCAGGAGCGCGAGTTAAGCGACAGGGAACCTGATGCACAGTT
 TGCAAAGAGCTCTGACTGGAGCTGGAACCGAGGGTGAGAAATTAATTCGACATGGGAGCTGACTTGCAGTGGCAGCCCTAATCGCAGGGCTCTGAGCGC
 CGCAGCGCAGGATGTGAGCTTCTTACATAGAAGAGGCGGATGAAGCGAGGAGGAAGAGGGCGAGTACTTGAAGACTGATGGCACAACCCGCTGT
 TTTTGTAGATGGAACAGCAAGCACCGGATCCCGCAATCGGGCGGCGCTGCAGAGCCAGCGCTCCGGCATTAACCTCTCGGACGATTGGACCCAG
 GCCATGCAACGATATCATGGCGTTGACGACTCGCAACCCCGAAGCCTTTAGACAGCAACCCAGGCCAACCGCTCTATCGGCCATCATGGAAGCTGTAG
 TGCCTTCCCGATCTAATCCCACTCATGAGAAGGTCTGTGCCCATCGTGAACGCGTTGGTGGAGAACAAAGCTATTCTGTCAGATGAGGCCGAGCTGGT
 ATACAACGCTCTCTTAGAACGCGGTGGCTCGCTACAACAGTAGCAATGTGCAAAACCAATTTGGACCGTATGATAACAGATGTACGCGGAAGCCGTGTCT

Fig. 17, cont'd

CAGCGCGAAAGGTTCCAGCGTGATGCCAACCTGGGTTGCTGGTGGGTTAAATGCTTTCTTGAGTACTCAGCCTGCTAAATGTGCCGCGTGGTCAAC
AGGATTATACCTAATCTTTTAAAGTGCTTTGAGACTGATGGTATCAGAAGTACCTCAGAGCGAAGTGATCAGTCCGGTCCCTGATTACTTCTTTTCAGAC
TAGCAGACAGGGCTTGACAGCGGTAAATCTGAGCCAAAGCTTTTAAAAACCTTAAAGTTTGTGGGAGTGTCATGCCCGGTAGGAGAAAGAGCAACC
GTGTCTAGCTTGTTAACTCCGAACCTCCCGCCTGTTATTACTGTTGGTAGCTCCTTTACCCGACAGCGGTAGCATCGACCGTAATTCCTATTTGGGTT
ACCTACTAAACCTGTATCGCGAAGCCATAGGGCAAAAGTCAGGTGGACGAGCAGACCTATCAAGAAATTAACCAAGTCAGTCGCGCTTTGGGACAGGA
AGACACTGGCAGTTTGAAGCCACTCTGAACCTTCTTGCTTACCAATCGGTCTCAAAAGATCCCTCCTCAATATGCTCTTACTGCGGAGGAGGAGAGG
ATCCTTAGATATGTGCAGCAGAGCGGTGGGATTGTTTCTGATGCAAGAGGGGGCAACTCCGACTGCAGCACTGGACATGACAGCGCGAAATATGGAGC
CCAGCATGTATGCCAGTAACCGACCTTTTCATTAAACAACTGCTGGACTACTTGACAGAGCTGCCGCTATGAACTCTGATTATTTACCAATGCCAT
CTTAAACCCGCACTGGCTGCCCCCACCTGGTTTCTACACGGGCGAATATGACATGCCCGACCCCTAATGACGGATTTCTGTGGACGACGTTGGACAGC
GATGTTTTTTCACCTCTTTCTGATCATCGCACGTGGAAAAAGGAAGGCGGTGATAGAATGCATCTTCTGCAATCGCTGTCCGGGTCTATGGGTGCTA
CCGCGGCTGAGCCCCGAGTCTGCAAGTCCTTTTCTAGTCTACCCCTTTTCTCTACACAGTGTACGTAGCAGCGGAAGTGGGTAGAAATAAGTCGCCCGAG

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Fig. 17, cont'd

Fig. 17, cont'd

GGGCGAAAGTTCGACATGTGTTGAGACCTGGAACCTTCGGTGGTCTTTACACCCGGGAGCGTTCAAGCGCTACTTTTAAGCGTTCCTATGATGAGGT
 GTACGGGATGATGATATCTTGAGCAGCGGCTGACCGATTAGGCGAGTTTGCTTATGGCAAGCGTAGTAGAATAAATTCCTCAAGGATGAGACAGTG
 TCAATACCCCTGGATCATGGAAATCCACCCCTAGTCTTAACCCGGTCACCTTGACAGCAAGTGTACCCGTAACTCCGCGAACAGGTGTTAAACGCG
 AAGTGAAGATTTGTATCCCACTATGCAACTGATGTTACCAACAGCCAGAGTTGGAGGACGTTTGGAGAAAGTAAAGTGGATCCAGATATTTCA
 ACCTGAGGTTAAAGTGAGACCCATTAAAGCAGGTAGCGCTGGTCTGGGGTACAAACTGTAGACATTAAAGTCCCACTGAAAGTATGGAAGTGCAA
 ACTGAACCCGCAAGCCCTACTGCCACCTCCACTGAAAGTGCAACGGATCCATGGATGCCCATGCCTATTACAACCTGACGCCGCCGCTCCCACTCGAA
 GATCCGACGAAAGTACGGTCCAGCAAGTCTGTTGATGCCCAATTATGTTGTACACCCATCTATTATCTACTCTCTGTTACCGAGGCACTCGCTA
 CTATCGCAGCCGAACAGTACCTCCGCCGTCGCCGAAGACACCTGCAAAATCGCAGTCGTGCCGTAGACGCACAAGCAAAACCGACTCCCGGCGCC
 CTGGTGGGCAAGGTACCGCAATGGTAGTGGGAACCTTTGACACTGCCGCTGGCGTTACCATCCGAGTATCATCACTTAATCAATGTTGCCCG
 TGCCTCCTTGACAGATATGGCCCTCACTTGTGCTTCCGCTTCCCATCACTGGTACCAGGAAGAACTCGGCCGTAGAAGAGGGATGTTGGGAC
 GCGGAATGCGACGCTACAGCGACGGCTGCTATCCGCAAGCAATTCGCGGGTGGTTTTTACCAGCTTAATCCAAATTATCGCTGCTGCAATTGG
 CCGGATACCAAGCATAGCTCCGTGGCGGTTCAAGCTCGCAACGACATTGACATTGGAAAAAAACGTATAAATAAAAAAAATACAAATGGACTCT
 GACACTCCTGGTCTGTGACTATGTTTTCTTAGAGATGGAAGACATCAATTTTATCCTTGGCTCCGCGACACGGCACGAAGCCGTACATGGGCAC
 CTGGAGCGACATCGGCACGAGCCAACTGAACGGGGGCGCTTCAATTGGAGCAGTATCTGGAGCGGCTTAAAAATTTGGCTCAACCATAAAAACA
 TACGGGAACAAAGCTTGGAACAGCAGTACAGGACAGCGCTTAGAAATAAATTAAGACCAGAACTTCCAACAAAGTAGTCGATGGGATAGCTT
 CCGGCATCAATGGAGTGGTAGATTGGCTAACCAAGCTGTGCAGAAAAAGATAAACAGTCGTTTGGACCCGCCAGCAACCCAGGTGAAATGCA
 AGTGGAGGAAGAAATTCCTCCGCCAGAAAAACGAGGCGACAAAGCTCCGCTCCCGATTGGGAAGAGACGCTGGTGACGCGCTAGATGAACCGCT
 TCTTATGAGGAAGCAACGAAGCTTGGAATGCCACCACTAGACCGATAGCCCCAATGGCCACCGGGGTGATGAAACCTTCTCAGTTGCATCGACCCG
 TCACCTTGGATTTGCCCTCCCTGCTGCTACTGCTGTACCCGCTTCTAAGCCTGTGCTGCCCGAAACCACTCGCCGTAGCCAGGTACAGTCC
 CGGGGCGCTCCTCGTCCAAATGCGCACTGGCAAAATACTCTGAACAGCATCGTGGGTCTAGGCGTGCAAAAGTGTAAAAACGCCGTGCTTTTAA
 TTAATAATGGAGTAGCGCTTAACCTGCTATCTGTGTATATGTGTCACTTACACGCGTCACAGCAGCAGAGGAAAAAGGAAGAGGTCTGTGCGTCTGA
 CGCTGAGTTACTTTCAAGATGGCCACCCCATCGATGCTGCCCAATGGGCATACATGCACATCGCCGACAGGATGCTTCGGAGTACCTGAGTCCGG
 GTCGTGGTGCAGTTGCCCGCGCCACAGACACCTACTTCAATCTGGGAAATAAGTTTAAATCCACCGTAGCGCCGACCCACGATGTGACCAACCGA
 CCGTAGCCAGCGGCTCATGTTGCGCTTCGTGCCGTTGACCGGGAGGACAAATACATACTCTTACAAAGTGGGTACACCTGGCCGTGGCGGACAAAC
 AGAGTGTGGATATGGCCAGCAGCTTCTTGACATTAGGGGCGTGTGGACAGAGGTCCAGTTTCAACCCCTATTCTGGTACGGCTTACAACCTCTC
 TGGCTCTAAAGGCGCTCCAAATGCATCTCAATGGATTGCAAAAGGCTACCAACTGCAGCAGCGCAGGCAATGGTGAAGAAGAACATGAAACAGA
 GGAGAAAACTGCTACTTACACTTTTGCCAAATGCTCCTGTAAAAGCCGAGGCTCAAAATTACAAAAGAGGGCTTACCAATAGGTTTGGAGATTTTCAGCT
 GAAAAACGAATCTAAACCCATCTATGCAGATAAATTTATCAGCCAGAACCTCAAGTGGGAGATGAAACTTGGACTGACCTAGACGGAAAAACCGAAG
 AGTATGGAGGCGAGGGCTCTAAAGCCTACTACTAACATGAAACCCCTGTTACGGGTCTTATGCGAAGCCTACTAATTTAAAGGTGGTCAGGCAAAAC

Fig. 17, cont'd

GAAAACTCGGAACCGTCGAGTGAAAAAATTGAATATGATATTGACATGGAAATTTTTGATAACTCATCGCAAAGAACAACCTTCAGTCCTAAAAATT
GTCATGTATGCAGAAAAATGTAGGTTTGAAAAACGCCAGACACTCATGTAGTGTACAAACCTGGAACAGAAAGACACACAAGTTCGGAAGCTAATTTGGGAC
AACAGTCTATGCCCAACAGACCCAACTACATTTGGCTTCAGAGATAACTTTATTGGACTCATGTACTATAACAGTACTGGTAACATGGGGTGCTGGC
TGGTCAAGCGTCTCAGTTAAATGCAGTGGTTGACTTGCAGGACAGAAACACAGAACTTTCTTACCAACTCTTGGCTTGACTCTCTGGCGGACAGAAACC
AGATACTTTAGCATGTGGAATCAGGCTGTGGACAGTTATGATCCTGATGTACGTGTTATTGAAAAATCATGGTGTGGAAGATGAACCTCCCAACTATT
GTTTTCCACTGGACGGCATAGGTGTTCCAACAACCCAGTTACAAATCAATAGTCCAAATGGAGAAGATAATAATTTGGAAGAACCTGAAGTAAA
TGGAAACAAGTGAGATCGGACAGGGTAATTTGTTTGCCATGGAAATTAACCTTCAAGCCAATCTATGGCGAAGTTTCCTTTATTCCAATGTGGCTCTG
TATCTCCAGACTCGTACAAAATACACCCCGTCCAATGTCACTCTTCCAGAAAAACAACACCTACGACTACATGAACGGCGGGTGGTGCCGCCAT
CTCTAGTAGACACCTATGTGAACATTGGTGGCCAGGTGGTCTCTGGATGCCATGGACAATGTCAACCCATTCAACCCACCCGTAACGCTGGCTTGCG
TTACCGATCTATGCTTCTGGGTAAACGGACGTTATGTGCCTTTCCACATACAAGTGCCCTCAAAAAATTCCTCGCTGTTAAAAACCTGCTGCTTCTCCCA

Fig. 17, cont'd

GGGCTCTACACTTATGAGTGGAACTTTAGGAAGGATGTGAACATGGTTCTACAGAGTTCCTCGGTAAAGACCTGCGGGTAGATGGCGCCAGCATCA
 GTTTCACGAGCATCAACCTCTATGCTACTTTTTCCCCATGGCTCACAACACCGCTTCCACCCTTGAAGCCATGCTGCGGAATGACACCAATGATCA
 GTCATTCAACGACTACCTATCTGCAGCTAACATGCTACCCCATTCCTGCCAATGCAACCAATATCCCATTTCCATTCTCGCAACTGGGCG
 GCTTTCAGAGGCTGGTCATTTACAGACTGAAACCAAGAAACTCCCTCTTTGGGCTCTGGATTTGACCCCTACTTTGCTCTATTCTGGTTCTATTCT
 CCTACCTGGATGGTACCTTCTACCTGAACCCACACTTTTAAGAAGGTTTCCATCATGTTTGACTCTTTCAGTGAGCTGGCCTGGAAATGACAGGTTACT
 ATCTCTAACGAATTTGAAATAAGCGCACTGTGGATGGGAAGGCTACAACGTAGCCCAATGCAACATGACCAAGACTGGTCTTGGTACAGATG
 CTCGCCAACAACAACATCGGCTATCAGGGCTTCTACATTCAGAAGGATACAAGATGCGATGATTCATTTTTCAGAACTTCCAGCCCATGAGCA
 GGCAGGTGGTTGATGAGGTCAATTACAAGACTTCAAGGCCGTCCCATACCCCTACCAACACAACAACCTCTGGCTTTGTGGTTACATGGCTCCGAC
 CATGGCCCAAGGTCAACCCATATCCCGCTAACTATCCCTATCCACTCATTTGGAACAACCTGCGGTAAATAGTGTACGCAGAAAAAGTTCTTGTTGAC
 AGAACCATGTGGGCATACCGTTCTCGAGCAACTTCATGTCTATGGGGCCCTTACAGACTTGGACAGAATAATGCTCTATGCCAACTCAGCTCATG
 CTC TGGACATGACCTTTGAGGTGGATCCCATGGATGAGCCCAACCCCTGCTTTATCTTCTTCGAAGTTTCGACGTGGTCAGAGTGCATCAGCCACA
 CCGGGCATCATCGAGGCAGTCTACCTGCGTACACCGTTCTCGGCCGTTAACGCTACACGTAAAGAAGCTTCTTGCTTCTTGCAAAATAGCAGCTGCA
 ACCATGGCCTGCGGATCCCAAAACGGCTCCAGCGAGCAAGAGCTCAGAGCCATTTGCCAAGACCTGGGTGCGGACCCCTATTTTTGGGAACCTACG
 ATAAGCGCTTCCGGGTTTCATGGCCCCGATAAGCTCGCCTGTGCCATTGTAATACGGCCGACGTGAGACGGGGGAGAGCACTGGTTGGCTTT
 CGGTTGGAACCCACGTTCTAACACCTGCTACCTTTTGGATCTCGGATGATCGTCTCAAAACAGATTTACCAAGTTTGAATATGAGGGT
 CTCCTGCGCCGACGCTCTTGCTACCAAGGACCGCTGATTACGCTGGAAAAATCTACCCAGACCGTGCAGGGCCCCCGTTCTGCGCCTGCGGAC
 TTTTCTGCTGCATGTTCTTCACGCCCTTGTGCACCTGGCTGACCGTCCCATGGACGGAAACCCACCATGAAATTGCTAACTGGAGTGCCAAACAA
 CATGCTTCATTTCTCTAAAGTCCAGCCCAACCTGTGTGACAAATCAAAAGCACTCTACCATTTTCTTAATACCCATTGCGCTTATTTTGCCTCTCAT
 CGTACACACATCGAAAGGGCCACTGCGTTGACCGGTATGGATGTTCAATAATGACTCATGTAAACAACAGTGTTCATAAACAATCACCTTTATTTTTT
 ACATGTATCAAGGCTCTGGATTACTTATTTATTTACAAGTCGAATGGGTTCTGACGAGAATCAGAAATGACCCGACGGCAGTGATACGTTGCGGAAC
 GATACCTGGGTTGCCACTTGAATTCGGGAATCACCACCTGGGAACCGGTATATCGGGCAGGATGTCACTCCACAGCTTTCTGGTCAGCTGCAAAAGC
 TCCAAGCAGGTGAGGAGCCGAAATCTTGAAATCACAATTAGGACCACTGCTCTGAGCGCAGAGTTGCGGTACACCGGATTGCAGCACTGAAACACC
 ATCAGCGACGGATGCTCACGCTTGCCAGCACGGTGGGATCTGCAATCATGCCACATCCAGATCTTCAGCATTTGGCAATGCTGAACGGGGTCACTCT
 TGCAGGCTCGCTACCCATGGCGGGCACCCCAATTAGGCTTGTTGGTTGCAATCGCAGTGCAGGGGATCAGTATCATCTTGCCCTGATCCTGCTGAT
 TCCCTGGATACACGGCTCTCATGAAAGCATCATATTGCTTGAAAGCCCTGCTGGCTTTACTACCCCTCGGATAAAACATCCCGCAGGACCTGCTCGAA
 AACTGGTTAGCCTGCACAGCCGGCATCATTCACACAGCAGCGGGGCTCATTTGTTGGCTATTTGCACCACTTCTGCCCCAGCGGTTTGGGTGATT
 TTGGTTGCTCGGGATTCCTTTAAGGCTCGTTGTCCTGCTGCGCCACATCCATCTCGATAATCTGCTCCTTCTGAAATCATAATATTGCCAT
 GCAGGCACCTCAGCTTGCCCTCATATCATTTGCAGCCATGAGGCCACAACGCACAGCCTGTACATTTCCCAATTTAGTGGGCGGATCTGAGAAAAAGA
 ATGTATCATTTCCCTGCAGAAATCTTCCCATCATCGTGTCTCAGTGTCTTGTGACTAGTGAAAGTTAACTGGATGCCTCGGTGCTCTTCGTTTACGTAC

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Fig. 17, cont'd

TGGTGACAGATGGCGTTGTATTGTTGCTCAGGCATTAGTTTAAACAGGTTCTAAGTTCGTTATCCAGCCTGTACTTCTCCATCAGCAGAC
 ACATCACTTCCATGCCTTTCTCCCAAGCAGACACACAGGGCAAGCTAATCGGATTCTTAACAGTGCAGGCAGCAGCTCCTTTAGCCAGAGGGTTCATC
 TTTAGCGATCTTCTCAATGCTTCTTTGGCCATCCTTCTCAACGATGCGCAGCGGGTAGCTGAACCCACTGCTACAAGTTGCGCCTCTTCTCTT
 TCTTCTCGCTGTCTTGACTGATGCTTGCGATGGGATATGTTGGTCTTCTTGGCTTCTTTTGGGGGTATCGGAGGAGGAGACTGTCGCTCC
 GTTCCGGAGACAGGGAGGATTGTGACGTTTCGCTCACCATTAACCACTGACTGTGCGTAGAAGAACCTGACCCACACAGCGCAGAGGTGTTTTTCTT
 CGGGGCGAGAGGTGGAGGCGATTGCGAAGGGTGGCTCGACCTGGAAGGCGGATGACTGGCAGAACCCCTTCGCGTTCGGGGTGTGCTCCCTG
 TGGCGTTCGCTTAACGTATTCCTTCGCGGCTGGCCATTGTTCTCCTAGGCAGAGAAACACAGACATGGAACCTCAGCCATTGCTGTCACACATC
 GCCACGAGTGCCATCACATCTCGTCTCAGCGACGAGGAAAGGAGCAGAGCTTAAGCATTCCACGCCAGTCTGCCACCCCTCTACCCCTAGAA
 GATAAGGAGGTGACGCTCATGACATGCAGATCAAAAGCGAAAGAGTCTGAGACAGACATCGAGCAAGACCCCGGCTATGTGACACCCGTTGG
 AACACGAGGAAGAGTTGAACGCTTCTAGAGAGAGAGGATGAACACTGCCCAAAACAGCGAGCAGATAACTATCACCAAGATGCTGGAATAGGGA
 TCAGAACACCGACTACCTCATAGGCTTGACGGGAAGACGCGCTCCTTAACATCTAGCAAGACAGTCGCTCATAGTCAAGGATGCATTATTGGAC
 AGAACTGAAGTGCCCATCAGTGTGGAAGAGCTCAGCTCGCCTACGAGCTTAACCTTTTTTACCTCGTACTCCCCCAAACGTGAGCCAAACGGCA
 CCTGCGAGCCAAATCCTCGCTTAACCTTTTATCCAGCTTTTGTGTGCCAGAGTACTGGCTACCTATCACATCTTTTTTAAAAATCAAAAAATTC³
 AGTCTCTGCGCGCTAATCGACCCGCGCGATGCCCTACTCAATCTGGGACCTGGTTACGCTTACCTGATATAGCTTCTTGGAAAGAGTTCCA⁸
 AAGATCTTCGAGGCTCGGCAATAATGAGACTCGGGCGCAATGCTCTGCAAAAGGAGAGAAATGGCATGGATGAGCATCACAGCGTTCTGGTGG¹
 AATTGGAAGGCGATAATGCCAGACTCGCAGTACTCAAGCGAAGCGTCGAGGTACACACTTCGCATATCCCGCTGTCAACCTGCCCCCTAAAGTCAT⁶
 GACGGCGTCAATGGACCACTTACTCATTAAAGCGCGCAAGTCCCTTTCAGAAGACATGCATGACCCAGATGCCGTGTGATGAGGGTAAACCCAGTGGTC
 AGTGATGAGCAGCTAACCCGATGGCTGGGCACCGACTCTCCCGGATTGGAGAGCGTCGCAAGCTTATGATGGCCGTGGTGGTTACCGTAG
 AACTAGAGTGTCTCGACGTTCTTTACCGATTGAGAAACCTTGGCAAACTCGAAGAGAACTGCACTACACTTTTAGACACGGCTTTGTGCGGCA
 GGCATGCAAGATATCTAACGTGGAACCTCACCAACCTGGTTTCTACATGGGTATTCTGCATGAGAACTCGCCTAGGACAAAGCGTGTGCACAGCACC
 CTTAAGGGGAAGCCCGCGTGATTACATCCGCGATTGTGCTATCTCTACCTGTGCCACACGTGGCAAAACCGGCATGGGTGTATGGCAGCAATGTT
 TAGAAGAACAGAACTTGAAGAGCTTGACAAGCTCTTACAGAAATCTCTTAAGTTCTGTGGACAGGGTTCGACGAGCGCACCGTTCGCTCCGACCT
 GGCAGACCTCATCTTCCAGAGCGTCTCAGGGTTACTTTGCGAAACGGATTGCCGTGACTTTATGAGCCAGAGCATGCTTAACAAATTTTCGCTCTTTC
 ATCCTGGAACGCTCCGGTATCCTGCCCGCCACCTGCTGGCCTGCCCTCCGACTTTGTGCTCTCACCTACCGCGAGTGCCCCCGCGCTATGGA
 GTCACCTGCTACCTGTTCCGCTGGCCAACTATCTCTCCTACCCTCGGATGTATCGAGGATGTGAGCGGAGACGGCTTGTGGAGTGCCACTGCCG
 CTGCAATCTGTGCACGCCGCCACCGTCCCTAGCTTGCAACCCCGAGTTGATGAGCGAAACCCAGATAATAGGCACCTTTGAAATTGCAAGGCCCCAGC
 AGCCAAGGCGATGGGTCTTCTCTGGGCAAGTTTAAACTGACCCCGGAGCTGTGGACCTCCGCTTACTTGGCAAGTTTGTCTCCGGAAGATTACC
 ACCCTATGAAATCAAGTTCTATGAGGACCAATCACAGCCTCCAAAGGCCGAACCTTCGGCTTGGCTATCACCCAGGGGGCAATCTGGGCCAATT
 GCAAGCCATCCAAAAATCCCGCCAAAGAAATTTCTACTGAAAAAGGGTAAGGGGCTTACCTTGACCCCCAGACCGCGGAGGAACTCAACACAAGGTTG

Fig. 17, cont'd

CCTCAGGATGTCCCAACGACGAGAAAACAAGAAGTTGAAGGTGCAGCGCGCGCCCCAGAAGATATGGAGGAAGATTGGGACAGTCAGGCAGAGGAG
GCGGAGGAGGACAGTCTGGAGGACAGTCTGGAGGAAGACAGTCTGGAGGAGGAACAACGAGGAGGCAGAGGAGGTGGAAGAAGTAACCGCCGACAAAC
AGTTATCCTCGGCTGCGGAGACAAGCAACAGCGCTACCATCTCCGCTCCGAGTCGAGGAACCGCGCGTCCAGCAGTAGATGGGACGAGACCGG
ACGCTTCCCGAACCACACGCGCTTCCAGACCGGTAAAGAAGGATCGGCAGGGATACAAGTCTTGGCGGGGGCATAGAATGCCATCATCTCCTGCG
TTGCATGAGTGGGGGGCAACATATCCTTCAGCGCGCTACTTGCTATTCCACCATGGGGTGAACTTCCGCGCAATGTTTTGCATTACTACCGTC
ACCTCCACAGCCCCTACTATAGCCAGCAATCCGACAGTCTCGACAGATAAAGACAGCGCGCGGACCTCCAACAGAAAACCCAGCAGCGCAGTTA
GAAAATACACAACAAGTGCAGCAACAGGAGGATTAAAGATTACAGCCAACGAGCCAGCGCAAAACCCGAGATTAAAGAAATCGGATCTTTCCAACCCCT
GTATGCCATCTTCCAGCAGAGTCGGGGTCAAGAGCAGGAACTGAAAATAAAAAACCGATCTCTGCTCCGCTCACCAGAAAGTTGTTGTATCACAAG
AGCGAAGATCAACTTCAGCGCACTCTCGAGGACGCGGAGGCTCTCTTCAACAAGTACTGCGCGCTGACTCTTAAAGAGTAGGCAGCGACCGCGCTTA
TTCAAAAAGCGGGAATTACATCATCCTCGACATGAGTAAAGAAATTCACACGCTTACATGTGGAGTTATCAACCCCAAATGGGATTGGCAGCAG
GCGCCTCCAGGACTACTCCACCCGCATGAATTGGCTCAGCGCGGGCCTTCTATGATTTCTCGAGTTAATGATATACGCGCTACCGAAACCAAAT

Fig. 17, cont'd

ACTTTTGGACAGTCAGCTCTTACCACCACGCCCCGCCAACACCTTAATCCAGAAATTGGCCCCGCCCTAGTGTACAGGAAAGTCCCGCTCCC
 ACCACTGTATTACTTCTCGAGACGCCAGCCGAAGTCCAAATGACTAATGCAGGTGCGCAGTTAGCTGGCGGCTCCACCCCTATGTCGTACACAGGC
 CTCGGCATAATATAAACGCCTGATGATCAGAGGCCGAGGTATCCAGCTCAACGACGAGTCGGTGAGCTCTCCGCTTGGTCTACGACCAGACGGAAT
 CTTTCAGATTGCCGCTGCGGAGATCTTCCCTCACCCCTCGTCAGGCTGTTCTGACTTTGGAAAGTTCTGCTTCGCAACCCCGCTCGGGCGGAATC
 GGGACCGTTCAATTTGTAGAGGAGTTACTCCCTCTGTCTACTTCAACCCCTTCTCCGGATCTCTGGGCATCTCTGGGCATCTCCGGACGAGTTTATACCGAACT
 TCGACCGGATTAGCGAGTCAGTGGACGGCTACGATTGATGTCGGTGACGGCTGAGCTATCTCGGCTGCGACATCTAGACCACCTGCCGCCGCTTT
 CGCTGCTTTGCCCGGGAACCTTATTGAGTTCATCTACTTCGAACTCCCAAGGATCACCTCAAGTCCGGCCACGGAGTGGGATTACTATCGAAG
 GCAAAATAGACTCTCGCCTGCAACGAATTTCTCCAGCGGCCCGTGTGATCGAGCGAGACCAGGGAACACACACGCTTCCATCTACTGCAATTTG
 TAATCACCCCGGATTGCATGAAAGCCTTTGCTGCTTATGTACTGAGTTTAATAAAACCTGAATTAAGACTCTCTACGGACTGCCGCTTCTTCA
 ACCGGATTTACAAACGAGAACAACAACTTTTCTGTGCTCCAGGACTCTGTTAACTTCACTTCTACTCACAACCTAGAAGCTCAACGACTA
 CACCGCTTTCCAGAAGCATTTTCCCTACTAATACTACTTTCAAAACCGGAGGTGAGTCCACGGTCTCCCTACAGAAACCCCTTGGGTGGAAGCGG
 GCCTTGTAGTACTAGGAATTTCTGCGGTGGCTTGTGATTATCTTTGCTACCTATACACACCTTGTCTTCACTTCTCTAGTGGTGTGTGGTATTG
 GTTTAAAAAATGGGGCCCATACTAGTCTTGTGTTTACTTTCGCTTTTGGAAACCGGTTCTGCCAATTACGATCCATGCTAGACTTTGACCCAG
 AAACTGCACACTTACTTTTGACCCGACACAAGCCGCTCTGTGGAGTCTTATTAAGTGGGATGGGAATGCAGGTCCGTGAAATACACACAA
 TAACAAAACCTGGAACAAATACCTTATCCACCACATGGGAGCCAGGAGTTCCCGAGTGTACACTGTCTCTGTCGAGGTCTCGACGGTTCCATCCGC
 ATTAGTAACAACACTTTTCTGAAATGTGCGATCTGGCCATGTTGAGCAACACAGTATCTCTATGGCCCTCCTAGCAAGGACAACTATCG
 TAACGTTCTCCATTGCTTGTGCGCTTGCCTTCTACTGCTTACTGTGCGTATGCATACACCTGCTGTAAACCACTCGCATCAAAAACGC
 CAATAACAAGAAAAATGCCTTAACCTCTTCTGTTTACAGACATGGCTTCTTACATCTCTCATATTTGTGAGCATTTGTCACTGCCGCTCACGG
 ACAACAGTCGTCTCTATCCCACTAGGACATAATTACACTCTCATAGGACCCCAATCACTTCAGAGTCTATCGACCAAACTGGGAAGCGTTGAT
 TACTTTGATATAATCTGTAAACAAAAACCAATAATAGTAACCTGCAACATACAAAATCTTACATTGATTAATGTTAGCAAAAGTTTACAGCGGTT
 ACTATTATGGTTATGACAGATACAGTAGTCAATATAGAAATTAAGTTGCTGTACCCAGTTGAAAACCCAGAAATGCCAAATATGGCAAAAGAT
 TCGATCCGATGACAAATCTCTAGAACTTTTACATCTCCCAACACACCCGACGAAACAAATCCAGATTCAATGATTGCAATTTGTTGCAGCGGTG
 GCAGTGGTGTGACCTAAATAATATGCATGCTTTTATATGCTTGTGCTACAAAAGTTTCTATCTTAAACCAAGATCTCTTACTAAGGCTTA
 ACATTTAATTTCTTTTATACAGCCATGGTTCCACTACCACATTCCTTATGCTTACTAGTCTCGCAACTCTGACTTCTGCTCGCTCACACCTCCT
 GTAACATAGGCTCAAACCTGCACACTAAAGGACCTCAAGGTGGTCAATGCTTTTGGTGGAGAAATATATGACAAATGGATGGTTTACAAAACCATGTG
 ACCAACCTGGTAGATTTTCTGCAACGGCAGAGACCTAACCATTAACAAGTGCAGCAAAATGACAAAGGCTTCTATTATGGAACCCGACTATAAAG
 TAGTTTAGATTAAACATTATTGACTGCCATCTACCACCTCCACCCCGCACAACTACTTCTTCTAGCAGCAGTGTGCTTAACAATAACAATTTCC
 AATCCAACCTTTGCCCGGCTTTAAACCGCACTGTGAATAATTCTACAACCTCACAATAACAATTTCCACTTCAACAATCAGCATCATCGCTGCAG
 TGACAAATTGGAATATCTATTCTGTTTTTACCATAACCTACTACGCTGTGCTATAGAAAAGACAAACATAAAGGTGATCCATTACTTAGATTGGA
 TATTTAATTTGTTCTTTTTTTTTTATTTACAGTATGGTGAACACCAATCATGGTACCTAGAAAATTTCTTCTTCCACCATCTCATCTGTGCTTTTAATG

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Fig. 17, cont'd

TTTGGGCTACTTTACAGCAGTAGCCACAGCAACCCAGACTGTATAGGAGCATTTGCTTCCTATGCACATTTTGTGTTTACTTGCATCTGCGT
ATGTAGCATAGTCTGCCITGTTATTAATTTTTCACATCTAGACTGGATCCTTGTGCGAATTGCCCTACCTGCGGCACCATCCCGAATACCGCAAC
CAAAATATCGGGGCACTTCTAGACTCATCTAAACCATGCAGGTATACCTACCAATATTTTGTCTTATTTGCTTCTTCCCTACGCTGTCTCAACCCCA
GCTGCCTATAGTACTCCACCAGAACACCTTAGAAATGCAAAATCCAACAACCGTGGTCAATTTCTGCTTGCTATCGAGAAAAATCAGAAATCCCCC
CAAAATTAATGATTGCTGGAAATTAATATAATCTGTTGCACCAATTTCAATTTTGATATACCCCTATTTGATTTTGGCTGGAATGCTCC
CAATGCACATGATCATCCACAAGACCCAGAGGAACACATTTCCCCACAAAACATGCAACATCCAATAGCGCTAATAGATTACGAAAGTGAACCCACAA
CCCCACTACTCCCTGCTATTAGTTACTTCAACCTAACCGGCGGAGATGACTGAACACTCACCACCTCCAATTCGCGCGAGGATCTGCTCGATATG
GACGGCCGCTCTCAGAACACGACTTGCCCAACTACGCAATCCGCCAGCAGCAGGAACGCGTGCCAAAGAGCTCAGAGATGTATCCAAATTCACC
AATGCAAAAAAGGCATATCTGTTTGGTAAACAAGCCCAAGATATCCTACGAGATCACCGCTACTGACCATCGCCTCTCTTACGAACTTGCCCCCA
ACGACAAAAATTTACCTGCATGGTGGGAATCAACCCCATAGTTATCACCCACAAGTGGAGATACTAAGGGTGCATTCACCTGTTCCCTGCGATTCC
ATCGAGTGCACCTACACCCCTGCTGAAGACCCCTATGCGGCCCTAAGAGACCTGTACCAATGAATTAATAAAAAATGATTAATAAAAAATCACCTTACTT
GAAATCAGCAATAAGGTCTCTGTTGAAATTTTCTCCAGCAGCACCTCACTTCCCTCTTCCCAACTCTGGTATTTCAACCCCGTTCAGCGGCATAC
TTTCTCCATACCTTTAAAGGGGATGTCAAAATTTTAGCTCCTCTCCTGTACCCCAATCTTCATGTCTTTCTTCCAGATGACCAAGAGAGTCCGGCTC
AGTGACTCTTCAACCCCTGTACCCCTATGAAGATGAAGCACCTTCCCAACACCCCTTTTATACCCAGGGTTATTTCCCAAAATGGCTTCACAC
AAAGCCAGACGGAGTCTTAAATGTTTAAACCCACTAACCAACACAGCGGATCTCTACAGCTAAAAGTGGAGGGGACTTACAGTGGGA
TGACACTGATGGTACCTTACAAGAAAAACATACGTGCTACAGCACCCATTACTAAAAATAATCACTCTGTAGAACTATCCATTGGAAATGGATTAGAA
ACTCAAAACAATAAACAATGTGCCAAATTTGGAAATGGGTAAAAATTTAACAAACGGTGACATTTGTATAAAGGATAGTATTAACACCTTATGGACTG
GAATAAACCCCTCCACCTAACTGTCAAATTTGTGGAACACACTAATACAAATGATGGCAAACTTACTTTAGTATTAGTAAAAATGGAGGGCTTGTAA
TGGCTACGTGCTCTAGTTGGTGATCAGACACTGTGAACCAATGTTACACAAAAAGACAGCAACATCCAAATTAAGATTATATTTTGACTCTTCT
GGAAATCTATTAACTGAGGAATCAGACTTAAAAATTCACCTTAAAAATAAACTTCTTACAGCGACCACTGAACTGTAGCCAGCAGCAAGCCCTTTA
TGCCAAGTACTACAGCTTATCCCTTCAACACCACTACTAGGGATAGTGAAAACTACATTCATGGAATATGTTACTACATGACTAGTTATGATAGAAG
TCTATTTCCCTTGAACATTTCTAATGCTAAACAGCCGTATGATTTCTTCCAAATGTTGCCATGCCATACAAATTTGAATGGAATCTAAATGCAAGT
GAATCTCCAGAAAGCAACATAGCTACGCTGACCACATCCCCCTTTTCTTTTCTTACATTACAGAAGACGACAACATAAATAAAGTTTAAAGTGT
TATTTAAAAATCACAAAATTCGAGTAGTTATTTGCTCCACCTTCCCATTTGACAGAATACACCAATCTCTCCCAACGACAGCTGTTAAACATTTG
GATACCATTAGAGATAGACATTTGTTTAGATTCACATTCCAACAGTTTCAGAGCGGAGCCAACTGCGGGTCAGTGATAGATAAAAAATCCATCGCGA
TAGTCTTTTAAAGCGCTTTCACAGTCCAACTGCTGCGGATGCGACTCCGGAGTTTGGATCAGGTCTCTGGAAGAAAGAACGATGGGAATCATAATC
CGAAACGGTATCGGACGATTGTGCTCATCAAAACCCACAAGCAGCGCTGTCTGCGTCCGTGCGACTGCTGTTTATGGGATCAGGGTCCACA
GTTTCTGGAAGCATGATTTTAAATAGCCCTTAACATCAACTTCTGTTGCGATGCGGCGCAGCAACGCAATTCGTGATTTCACTCAAAATCTTTGCGAGTAGG
TACAACACATATTACAATATTGTTTAAATAAACCAATAATTAAAGGGCTCCAGCCAAAACCTCATATCTGATATAATCGGCCCTGCATGACCATCATA

Fig. 17, cont'd

CCAAAGTTTAAATAAATGACGTTCCCTCAAAAACACACTACCCACATACATGATCTCTTTTGGCATGTGCATATTAAACAATCTGTCTGTAC
CATGGACAACGTTGGTTAATCATGCAACCCAAATAAACCTTCGGAAACCACACTGCCAACACCGCTCCCCAGCCATGCATTGAAGTGAACCCCTGCT
GATTACAATGACAAATGAAGAACCCTAATCTCTCGACCGTGAATCACTTGAGAAAGAAAATATCTATAGTGGCACAACATAGACATAAATGCATGCA
TCTTCTCATAATTTTAACTCCTCAGGATTTAGAAACATATCCAGGGAATAGGAAGCTCTTGCAGAACAGTAAAGCTGGCAGAACAAAGGAAGACCA
CGAACACAACCTTACACTATGCATAGTCATAGTATCACAACTCTGGCAACAGCGGTGGTCTTCAGTCATAGAAGCTCGGGTTTCATTTTCTCACAAC
GTGGTAACCTGGGCTCTGGTGTAAGGTGATGTCTGGCGCATGTCTGAGCGTGCGCGCAACCTTGTCATAATGGAGTTGCTTCTGACATTCTCGT
ATTTTGATAGCAAAAACGCGGCCCTGGCAGAACACACTCTTCTCGCCTTCTATCCTGCGCTTAGCGTGTTCGGTGTGATAGTTCAAGTACAGCCA
CACTCTTAAGTTGGTCAAAAGAAATGCTGGCTTCAGTTGTAATCAAAACTCCATCGCATCTAATTGTTCTGAGGAAATCATCCACGGTAGCATATGCA
AATCCCAACCAAGCAATGCAACTGGATTGGCTTCAAGCAGGAGAGGAGAGGGAAGACCATGTTAATTTTATTCCAAACGATCTCG
CAGTACTTCAAAATTGTAGATCGCGCAGATGGCATCTCTCGCCCCCCTCACTGTGTTGGTGAAAAAGCACAGCTAAATCAAAAGAAATGCGATTTTCAAGG

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Fig. 17, cont'd

TGCTCAACGGTGGCTTCCAACAAAGCCTCCACGGCACATCCAAGAACAAAAGAATACCAAAAGAGGAGCATTTTCTAACTCCTCAATCATCATAT
TACATTCTGCACCATTTCCAGATAATTTTCAGCTTTCCAGCCTTGAATTTATCGTGTGAGTCTTGTGGTAAATCCAATCCACACATTTACAAACAG
GTCCGGAGGGCGCCTCCACCACCATTTCTTAACACACCCTCATAATGACAAAATATCTTGCTCCTGTGTACCTGTAGCGAATTGAGAAATGGCAA
CATCAATTGACATGCCCTTGGCTCTAAGTTCTCTTTAAGTTCTAGTTGTAAAAACTCTCTCATATTATCACCAAACCTGCTTAGCCAGAAAGCCCCC
GGGAACAAGAGCAGGGACGCTACAGTGCAGTACAAGCGCAGACCTCCCCAATGGCTCCAGCAAAAACAAGATTGGAATAAGCATATTGGGAACCA
CCAGTAATATCATCGAAGTTGCTGGAATATAATCAGGCAGAGTTCTTGTAAGAAATGAATAAAGAAAAATTTGCCAAAAAACATTCAAAACT
CTGGATGCAAAATGCAATAGTTACCGCTGCGCTCCAACATTTGATTTGAAATAGTCTGCAAAAATAAAAAAACAAGCGTCATATCATATA
GTAGCCTGACGAACAGGTGGATAAATCAGTCTTTCCATCACAAGACAGCCACAGGGTCTCCAGCTCGACCTCGTAAAAACCTGTCTCATCGTGATTAA
ACAACAGCACCGAAAGTTCTCGCGGTGACCAGCATGAATAAGTCTTGATGAAGCATACAATCCAGACATGTTAGCATCAGTTAAGGAGAAAAACA
GCCAACATAGCCTTTGGGTATAATATGCTTAATCGTAAGTATAGCAAGCCACCCCTCGCGGATACAAAGTAAAGGCACAGGAGAAATAAAAAATA
TAATTATTTCTCTGCTGCTGTTAGGCAACGTCGCCCGGTCCTCTAAATACACATACAAAGCCTCATCAGCCATGGCTTACCAGAGAAAGTACA
GCGGGCACACAAACCAAGCTCTAAAGTCACTCTCCAACCTCTCCACAATATATACACAAGCCCTAAACTGACGTAATGGGACTAAAGTGTA
AAATCCCGCCAAACCAACACACACCCCGAACTGCGTCACCAGGGAAAAAGTACAGTTTCACCTCCGCAATCCCAACAAGCGTCACCTCTCTTCT
CACGGTACGTACATCCCATTAACTTACAACGTCAATTTCCACAGCGCGCCCTTTTAACCGTTAACCCCAACAGCCAATCACCACACGGCCCC
ACACTTTTAAAAATCACCTCATTTACATATTGGCACCATTCATCTATAAGGTATATTATTGATGATG

GenBank accession number NC_011203

CTATCTATATAATATACCTTATAGATGGAATGGTGCCAACATGTAAATGAGGTAAATTAATAAAGTGCGCGCTGTGTGGTATTGGCTGCGGGGTTA
ACGGCTAAAAGGGCGCGCAGCCTGGGAAATGACGTGACTTATGTGGGAGGAGTTATGTTGCAAGTTATTACGGTAAATGTGACGTAAACGAG
GTGTGGTTTGAACACGGAAGTAGACAGTTTCCACGCTTACTGACAGGATAAGAGGTAGTTTGGCGGATGCAAGTGAAAAATTCCTCATTTTCGC
GCGAAACTAAATGAGGAAGTAAATTTCTGAGTCAATTTCCGCTATGCCAGGTGGAGTATTTGCCAGGGCCGAGTAGACITTTGACCGTTTACGT
GGAGTTTCGATTACCGTGTTTTACCTAAATTTCCGCTACGGTCAAAAGTTCTGTGTTTTTACGTAGGTGTGAGTGTGATCGCTAGGTATTTA
AACCTGACGAGTTCCGTCAAGAGGCCACTCTTGAGTGCCAGCGAGAAGAGTTTCTCCTCCGCGCCGCAAGTCAGTTCTGCGCTTTGAAAAATGAGAC
ACCTGCGCTTCTGCCACAGGAGTTATCTCCAGTGAGACCGGGATCGAAATCTGGAGTTTGTGTTAAATACCTAAATGGGAGACGACCCGGAACC
GCCAGTGCAGCCTTTCGATCCACCTACGCTGCACGATCTGTATGATTTAGAGATAGACGGGCCGAGGATCCCAATGAGGAAGCTGTGAATGGGTTT
TTTACTGATTTCTATGCTGCTAGCTGCTGATGAAGGATTGGACATAAACCCCTCCTCCTGAGACACTTGTACCCCAAGGGTGGTTGTGGAAGCGGCA
TAGGTGGGAAAAAATTGCTGATCTGGGAGCAGCTGAAATGGACTTGCGTTGTTATGAAGAGGGTTTTCTCCAGTGATGATGAAGATGGGAAAC
TGAGCAGTCCATCCATACCGCAGTAAATGAGGGAGTAAAGCTGCCAGCGATGTTTTAAGTTGGACTGTCGGAGCTGCCTGGACATGGCTGTAAAG
TCTTGTGAAATTTACAGGAAATACACTGGAATGAAAGAACTATTGTGCTCGCTTGTCTATATGAGAAATGCACGCCACTTTATTTACAGTAAGTGA
TTTAAGTGAAATTTAAGGAATAGTGTAGCTATTATAAAGTGTGAATGGTAGATTTATGTTTTTTCTTGGGATTTTGTAGGTCTCTGTGCTG

Fig. 17, cont'd

ATGATGAGTCACCTTCTCCTGATTCAACTACCTCACCTCCTGAAATTCAGGCGCCCGCACCTGCAAAAGTATGCAAGCCCATTCCTGTGAAGCCTAA
 GCCTGGAAACGCCCTGCTGTGGATAAGCTTGAGGACTTGTGGAGGTGGGATGGACCTTTGGACCTTAGTACCCGGAAACTGCCAAGGCAATGA
 GTGCCCTGCAGCTGTGTTATTTAATGTGACGTCACTGTAATAAATATGTGAGTGTGTTTATTACTCTTTGGGTGGGACTTGGATATA
 TAAGTAGGAGCAGATCTGTGTGGTTAGCTCACAGCAACCTGCTGCCATCCATGGAGGTTTGGGCTATCTTTGGAAGACCTCAGACAGACTAAGCTACT
 GCTAGAAAACGCCCTCGGACGGAGTCTCTGGCCTTTGGAGATTCTGGTTCGGTGGTGATCTAGCTAGGCTAGTGTTAGGATAAAACAGGACTACAGG
 GAAGAATTTGAAGAATTATGGACGATAGTCCGGGACTTTTGAAGCTCTTAAGTGGGTCACTAGGCTCATTTTAAGGAGAAGGTTTATCAGTTT
 TAGATTTTCTACTCCTGGTAGAAGTGTGCTGTAGCTTTTCTTACTTTTATATGGATAAATGGATCGCCAAACTCACTTCAGCAAGGGATA
 CGTTTTGGATTTCAAGCAGCAGCTTTGTGGAGAACATGGAAGGCTCGCAGGATGAGGACAACTCTTAGATTACTGGCCAGTGCAGCCTCTGGGAGTA
 GCAGGGATACTGAGACACCCACCGACCATGCCAGCGTTCTGCAGGAGGAGCAGCAGGAGGACAATCCGAGAGCCGGCTGGACCCCTCCGGTGGAGG
 AGTAGCTGACCTGTTTCCCTGAACCTGCGACGGGTGCTTACTAGGTCTACGACCAGTGGACAGAACAGGGGAATTAAGAGGGAGAGGAATCCTAGTGGG
 AATAATCAAGAACCGAGTTGGCTTTAAGTTTAAAGAGCCGACGGCTCTGAAACTGTTTGGTGGCATGAGGTTTCAAGCGAAGGCAGGATGAAG
 TTTCAATAATGCAGGAGAAATATCTACTAGAACAACTTAAGACCTGTTGGTTGGAACCTGAGGATGATTGGGAGGTGGCCATTAGGAATTTATGCTAA
 GATATCTCTGAGGCCCTGATAAACAATATAGAATTACTAAGAAGATTAAATATTAGAAATGCATGCTACATATCAGGGAAATGGGCGAGAGGTTATAATA
 GATACACAAGATAAAGCAGTTTATAGATGTTGATGATGGGTATGTGGCCAGGGTTGTCGGCATGGAAGCAGTAACACTTATGAATATTAGGTTTA
 AAGGGATGGGTATAATGGCATTTGATTTATGGCTAACACTAAGCTGATCTACATGGTTGTAGCTTTTGGGTTTAAATAACGTGTGTAAGAGC/
 TTGGGGCAAGTTAGTGTGAGGGTTGTAGTTTATGCATGCTGGATTGCAACATCAGGTAGGTCAGAGTCAGTTGCTGTGAAGAAATGCATG
 TTTGAGAGATGTAATCTTGGCATACTGAATGAAGGTGAAGCAAGGGTCCGCCACTGCGCAGCTACAGAAACTGGCTGCTTCAATCTAATAAAGGGAA
 ATGCCAGTGTGAAGCATAATATGATCTGTGGACATTCGGATGAGAGGCCCTATCAGATGCTGACCTGGCTGGTGACATTGCAATATTCTTGCTAC
 CGTGCAATCGTTTCACATGCACGCAAAAATGGCCTGTAATTGAACATAATGTGATTACCAAGTGCACCATGCACATAGGTGGTCGACGGGGAATG
 TTTATGCCCTTACCAGTGAACATGAATCATGTGAAGGTAATGTTGGAACCCAGATGCCCTTTTCCAGAGTGAGCTTAACAGGAATCTTTTGATATGAATA
 TTCAACTATGGAAGATCCTGAGATATGATGACACTAAACCAAGGGTGGCGCATGCGAATGCGGAGGCAAGCATGCTAGATTCAGCCGGTGTGCGT
 GGATGTGACTGAAGACTTGAGACCCGATCATTTGGTGTGCTGCTGCCTGCACTGGAGCGGAGTTCGGTTCTAGTGGTGAAGAACTGACTAAAGTGAGTAG
 TGGGGCAAGATGTGGATGGGACTTTCAGGTTGGTAAGGTGGCAGATTGGGTAAATTTTGTAAATTTCTGTCTTGCAGCTGCCATGAGTGGAAAGCG
 CTTCTTTTGGGGGGGAGTATTTAGCCCTTATCTGACGGGCGAGGCTCCACCATGGGCGAGGAGTTCGTCAGAAATGTCATGGGATCCACTGTGGATGG
 GAGACCCGTCAGCCCGCCAAATTCCTCAACGCTGACCTATGCCACTTTGAGTTGCTCACCATTGGATGCAGCTGCAGCCGCCCGCTACTGCTGCC
 GCCAACACCATCCTTGGAAATGGGCTATTATGGAAGCATCGTTGCCAATTCAGTTCCCTCTAATAACCCCTCAACCCCTGGCTGAGGACAAAGCTACTTG
 TTCCTTTGGCGCAGCTCGAGGGCTTAACCCCAACGCTTAGCGGAACGTCTAAGCAGGTGGCCCGAGTTGCGTGAGCAAACTGAGTCTGCTGTTGCCAC
 AGCAAAGTCTAAATAAAGATCTCAAAATCAATAAATAAAGAAATACTTGATATAAAACAATAAATGAATGTTTATTTGATTTTTCGCGCGCGGTATGCCCT
 GGACCATCGGTCTCGATCATTTGAGAACCGGTGGATCTTTTCCAGTACCCTGTAAAGGTGGGATTGAATGTTTAGATACATGGGCATTAGTCCGTCT
 CGGGGTGGAGATAGCTCCATTGAAGAGCCCTCTTGCTCCGGGGTAGTGTTATAAATCACCCAGTCATAGCAAGGTGCGAGTGCAATGGTGTGCACAA

Fig. 17, cont'd

TATCTTTTAGGAGCAGACTAATTGCAACGGGGAGGCCCTTAGTGAGTGTTTACAAATCTGTTGAGCTGGGACGGGTGCATCCGGGGTGAAATTAT
ATGCATTTTGGACTGGATCTTGAGTTGGCAATGTTGCCGCTAGATCCGCTCGGGTTTCATATTGTGACAGGACCACCAAGACAGTGTATCCGGTG
CACTTGGGAAATTTATCATGCAGCTTAGAGGGAAGCATGAAAAAATTTGGAGACGCCCTTTGTGACCCCCAGATTCTCCATGCACTCATCCATAA
TGATAGCGATGGGCCGTGGCAGCGGCACGGCGAACACGTTCCGGGGTCTGAACAATCATAGTTATGCTCCTGAGTCAGGTTCATATAAGCCAT
TTTAATAACTTTGGCGGAGGGTGCCAGATTGGGGATGAAAGTTCCCTCTGCCCGGGAGCATAGTTCCCTCACATATTTGCAATTTCCAGGCT
TTCAGTTCAGAGGGGGGATCATGTCCACCTGCGGGCTATAAAAAATACCGTTTCTGGAGCCGGGTGATTAAC TGGACGAGAGCAAAATTCCTAA
GCAGCTGAGACTTGCCGCACCCAGTGGGACCGTAAATGACCCCAATTACGGGTTCAGATGGTAGTTTAGGGAACGACAGCTGCCGTCTCCCGGAG
CAGGGGGCCACTTCGTTTCATTTCCCTTACATGGATATTTCCCGCACCAAGTCCGTTAGGAGCGCTCTCCCCAAGGGATAGAAGCTCCTGG
AGCGAGGAGAAGTTTTTCAGCGGCTTCAGCCCGTTCAGCCATGGGCATTTTTGGAAAGAGTCTGTTGCAAGAGCTCGAGCCGGTCCCAGAGCTCGGTGA

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Fig. 17, cont'd

TGTGCTCTATGGCATCTCGATCCAGCAGACCTCCTCGTTTCGGGGTTGGACGGCTCCTGGAGTAGGGAATCAGACGATGGGCGTCCAGCGCTGCC
AGGTCGGATCCTTCCATGGTCGACGGTCCGAGTCCGAGTGGTTCCGTACGGTGAAGGGTGCAGCGCTGGTTGGGCGCTTGCAGGGTGCCT
TCAGACTCATCTGCTGGTCGAGAACCGCTGCCGATTGGCGCCCTGCATGTCGGCCAGGTAGCAGTTTACCATGAGTTCGTAAGTTGAGCGCTCGGC
CGCGTGGCCTTTGGCACGGAGCTTACCTTTGGAAGTTTTATGGCAGCGGGGAGTAGATACATTTGAGGGCATACAACCTTGGGCGGAGGAAATG
GATTCGGGGGAGTATGCATCCGACCGCAGGAGGCGCAGACGGTTTCGCACCTCCAGAGCCAGGTAGATCCGGCTCATTCGGGGTCAAAAACAAGTT
TTCCGCCATGTTTTTGATGCGTTTTCTTACCTTTGGTTTCCATGAGTTCCTGTCCTCCGCTGGTGACAAAGAGGCTGCCGTGCCGTAGACCGA
CTTTATGGCCCTGTCTCGAGCGGAGTCCCTCGGTCTCTTCGTAGAGGAACCCAGCCACTCTGATACAAAAGCGGTGTCCAGGCCAGCACAAAG
GAGGCCAGTGGGAGGGTAGCGGTCTGTTCAACAGGGGTCACCTTCTACGGTATGTAACACATGTCCCCCTCCTCCACATCCAAGAATG
TGATTGGCTTGTAAGTGTAGGCCACGTGACAGGGTCCCCCGGGGGGTATAAAGGGGGGGCTCTGTTCCGTCCCTACCTGCTTCCGGATC
GCTGCCAGGAGGCCAGCTGTTGGGTAGGTATTCCTCTCGAAGCGGGCATGACCTCTGCACCTCAGGTGTGAGTTTCTAGGAACGAGGAGGAT
TTGATATTGACAGTACCAGCAGAGATGCCCTTTCATAAGACTCTCGTCCATCTGGTCAGAAAACACAACTTCTTGTGTCAGCTTGGTGGCAATG
ATCCATAGAGGGCATTTGGATAGAAGCTTGGCGATGGAGCGCATGGTTGGTTCTTTCTTGTCCGCGCTCCTTGGCGGTGATGTTAAGCTGGAC
GTACTCGCGCGCCACACATTTCCATTCCAGGAAGATGGTTGTGAGTTCATCCGGAACCTATTCGATTCGCCATCCCCCTATTGTGAGGGTTATCAGA
TCCACACTGGTGGCCACCTCGCTCGAGGGGCTCATTTGGTCCAGCAGAGTCGACCTCCTTTTCTTGAACAGAAAGGGGAGGGGTCTAGCATGA
ACTCATCAGGGGGTCCGCATCTATGGTAAATATTCCCGGTAGCAATCTTTGTCAAAATAGCTGATGGTGGCGGGATCATCCAAGGTCACTGCGCA
TTCTCGAACTGCCAGCGCGCTCATAGGGGTTAAGAGGGGTGCCCCAGGGCATGGGTGGGTGAGCGGGAGGCATACATGCCACAGATATCGTAG
ACATAGAGGGGCTCTTCGAGGATGCCGATGTAAGTGGGATAACATCGCCCCCTCTGATGCTTGTGCGCACATGTCATAGAGTTCATGTGAGGGG
CAAGAAGACCCGGCCAGATTGGTGGGTGGGTTTTCCGCCCTGTAAACGATCTGGCGAAAGATGGCATGGGAATTGGAAGAGATAGTAGGTCT
CTGGAATATGTTAAATGGGCATGAGTAAGCCTACAGAGTCCCTTATGAAGTGGGCATATGACTCTTGCAGCTTGGCTACCAAGCTCGGCGGTGATG
AGTACATCCAGGGCACAGTAGTCGAGAGTTTCTGGATGATGTCATAACGCGGTTGGCTTTTCTTTCCACAGCTCGCGGTGAGAAGGTATTCCT
CGTGATCCTCCAGTACTCTTCGAGGGGAACCCGCTTTTTCTGCACGGTAAGAGCCCAACATGTAGAAGTGTGACTGCTTGTAGGGACAGCA
TCCCTTCTCCACTGGGAGAGATATGCTTGGGTGCATTGCGCAGCGAGGTATGAGTGAGGGCAAAAGTGTCCCTGACCATGACTTTGAGGAATTGA
TACTTGAAGTCGATGTCATCACAGGCCCTGTTCACAGAGTTGGAAGTCCACCCGCTTCTTGTAGGCGGGTTGGGCAAAAGCGAAAGTAACATCAT
TGAAGAGGATCTTGCCGGCCCTGGGCATGAAATTCGGGTGATTTTGAAGGCTGAGGAACCTCTGCTCGGTTATTGATAACCTGAGCGGCCAAGAC
GATCTCATCAAAGCCATTGATGTTGTGCCCCACTATGTACAGTCTAAGAACTCGAGGGGTGCCCCGTACATGAGGCAGCTTCTTGAGTCTTCAAAA
GTGAGATCTGTAGGTCAGTGAGAGCATAGTGTTCGAGGGCCCATTCGTGCACGTGAGGGTTTCGCTTTAAGGAAGGAGGACCAGAGGTCCACTGCCA
GTGCTGTTTGTAACTGGTCCCGTACTGACGAAATGCTGTCCGACTGCCATCTTTCTGGGGTGACGCAATAGAAGGTTTGGGGTCTTGCCGCCCA
GGCATCCCACCTGAGTTTATGGCGAGGTATAGGCGATGTTGACGAGCCGCTGGTCTCCAGAGAGTTTCATGACCAGCATGAAGGGGATTAGCTGC
TTGCCAAAGGACCCCATCCAGGTGTAGGTTTCCACATCGTAGGTGAGAAAGAGCCTTCTGTGCGAGGATGAGAGCCCAATCGGGAAGAACTGGATCT
CCTGCCACCAGTTGGAGGAATGGCTGTTGATGTGATGGAAGTAGAACTCCCTCGACGCGCGGAGCATTCATGCTTGTGCTTGTACAGACGGCCGCA

Fig. 17, cont'd

GTACTCGACGGATTACGGGATGCACCTTATGAATGAGTTGTACCTGACTTCCTTTGACGAGAAAATTCAGTGGAAAATTGAGGCCTGGCGCTTGT
 ACCTCGCGCTTTACTATGTTGCTGCAATCGCATGACCATCTTCTGCTCGATGGTGGTCACTGCTGACGAGCCCTCGCGGAGGCAAGTCCAGACCT
 CGGCGCGGACGGGCGGAGCTCGAGGACGAGAGCGCGCAGCGGAGCTGTCCAGGGTCTTGAGACGCTGCGGAGTCAGGTTAGTAGGCAGTGTGAG
 GAGATTAACTTGCAATGATCTTTTGAGGGCGTGAGGGAGGTTGAGATAGTACTTGATCTCAACGGGTCCGTTGGTGGAGATGTCGATGGCTTGCAAG
 GTTCCGTGTCCTTGGGCGCTACCAACGTGCCCTTGTTTTTCATTTTGGACGGCGGTGGCTCTGTTGCTTCTTGCAATGTTTGAAGCGGTGTCGAGG
 GCGCGACCGGGCGGACGGGCGGCTCGGGACCGGGCGCATGGCTGGCAGTGGTACGTCGGCGCGCGCGCGGGTAGGTTCTGGTACTGCGCCCTG
 AGAAGACTCGCATGCGCGACGACGCGGCGGTGACATCCTGGATCTGACGCGCTCTGGGTGAAAGCTACCGGCCCGCTGAGCTTGAACCTGAAAGAGA
 GTTCAACAGAAATCAATCTCGGTATCGTTGACGGCGGCTTGCCCTAAGGATTTCTTGACGTCGCCAGAGTTGTCTGTTAGGCGATCTCGGCCATGAA
 CTGCTCGATCTCTTCTCTTGAAGATCTCCGCGGCGCGCTCTCTCGACGGTGGCGGAGGTCGTTGGAGATGCGCCCAATGAGTTGAGAGAAATGCA
 TTCATGCGCGCGCTCGTTCCAGACGCGGCTGTAGACCACAGCCCCACGGGATCTCTCGCGCGCATGACCACCTGGGCGAGGTTGAGCTCCACGTGGC
 GGTGAAGACCGCATAGTTGCATAGGCGCTGGAAGAGTAGTTGAGTGTGGTGGCGATGTGCTCGGTGACGAAGAAAATACATGATCCATCGTCTCAG
 CGGCATCTCGCTGACATCGCCACAGCGCTTCCAAGCGCTCCATGGCTCGTAGAAGTCCACGGCAAGTTAAAAAAGTGGGAGTTACGCGCGGACACG
 GTCAACTCCTCTTCCAGAAGACGGATAAGTTCGGCGATGGTGGTGGCACCTCGCGCTCGAAAGCCCTGGGATTTCTTCTCAATCTCTTCTTCTT
 CCATAACATCTCTTCTCTTCCAGTGGGCTGCAGGAGGAGGGGAACGCGCGACGCGCGGCGGCGGACGCGTGGTGGTGAATCTTTCAAT
 GACCTCTCGCGCGGCGGCGCATGCTCTCGGTGACGCGACGACCGTTCTCCTGGTCTCAGAGTGAAGACGCTCCGCGCATCTCCCTGAAGTGG
 TGACTGGGAGGCTCTCGTTGGGACGGGACACCGCGCTGATTATGCAATTTATCAATTTGCCCGTAGGTACTCCGCGCAAGGACCTGATCGTCTCAA
 GATCCACGGGATCTGAAACCTTTTCGACGAAGCGTCTAACCAAGTGCATCGCAAGTAGGCTGAGCACCTGTTCTTGGCGGCGGGCGGCTAGA
 CGCTCGGTGGGCT
 CGGATGGTGGCGAGGACCAAGGCTCTTGGGTCCGGCTTGTGGATACGCAAGGCGATGAGCCATTCCCAAGCATTAATCTGACATCTGGCCAGAT
 CTTTATAGTAGTCTTGCAATGAGTCTGTTCCACGGGCACTTCTCTTCCGCGGCTCTGCCATGCAATGCGAGTATCCCGAACCCGCGCATGGGCTGGAC
 AAGTGCCAGGTCCGCTACAACCTTTTCGGCGAGGATGGCTTGTGCACCTGGGTGAGGGTGGCTTGGAAAGTCTGAAAGTCCACGAAGCGGTGGTAG
 GCCCGGTGTTGATTGTAGGAGCAGTTGGCCATGACTGACCAGTTGACTGTCTGGTGGCCAGGGCGCACGAGCTCGGTGTACTTGAGGCGCGAGT
 ATGCGCGGGTGTCAAAGATGTAATCGTTGCAGGTGCGCACCAAGTACTGGTAGCCAAATGAGAAAGTGTGGCGGTGGCTGGCGGTACAGGGGCCATCG
 CTCGTAGCCGGGCTCCGGGGCGAGGCTCTCCAGCATGAGGCGGTGGTAGCCGTAGATGTACCTGGACATCCAGGTGATACCGGAGGCGGTGGTG
 GATGACGTGGGAATCGCGCACGCGGTTCCAGATGTTGCGCAGCGGCATGAAGTAGTTCAATGGTAGGCACGCTCTGGCCAGTGAAGCGCGCGCAGT
 CATTGACGCTCTGTAGACACGGAGAAAACGAAGCGATGAGCGGCTCGACTCCGTGGTCTGGGGGAACGTGAACGGGTGGGTGCGGGTGTACCCCG
 GTTCGAGTCCAAAGCTAAGCGATCACGCTCGGATCGGCGGAGCGCGGCTAACGTGGTATTGGCTATCCCGTCTCGACCCAGCGACGAATATCCA
 GGGTACGGAGTAGAGTCGTTTTTGTGCTTTTTTCTGGACGTGTGCCATTGGCACGTTAGAACGCTCAGTTCTCGGGCGGTGAGTGGCTC
 GGGCCCGTAGTCTGGAGAAATCAGTCGCCAGGGTTGCGTTGCGGTATGCCCGGTTGGAGCCTAAGCGCGGCTCGTATCGGGCCGTTTCCGCGGACAAG

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Fig. 17, cont'd

CGAGGGTTTGGCAGCCCGGTTATTTCCAAGACCCGCGAGCTTCTCCAGTTTACGGGAGCGAGCCCTTTTTTTTTTTTTTTTTTTGTCTCGC
CCAGATGCATCCAGTGCTGCGACAGATGCGCCCCCAGCAACAGGCCCTTCTCAGCAACAGCCACAAAAGGCTCTTCTTGCTCCTGCAACTACTGCA
GCTGCAGCCGTGAGCGCGCGGACAGCCCGCTATGATCTGGACTTGAAGAGGGCGAGGATTGGCGCGCTGGGGCTCCATCGCCCGAGCGGC
ACCGCGGGTGCAACTAAAAGGACTCTCGGAGGCGTACGTGCCCAGCAGAACCTGTTCAAGGACAGGAGCGCGAGGAGCCAGAGGAGATGCG 48/
AGCATCTCGATTTAACGCGGGTCGCGAGCTGCGCCACGGTCTGGATCGAAGACGGGTGCTGCAAGACGAGGATTTTGAGTCTGATGAAGTCACAGGG
ATCAGCCCAGCTAGGGCACATGTGGCCGCGGCAACCTAGTCTCGGCCTACGAGCAGACCCGTGAAGGAGGAGCGCAACTTCCAAAAATCTTTTAACA 106
ACCATGTGCGCACCCCTGATCGCCCGGAGGAAGTGACCCCTGGGTCTGATGCATCTGTGGGACCTGATGGAGGCTATCGCCCAAAACCCCACTAGCAA
ACCACTGACAGCTCAGCTGTTTCTGGTGGTTCAACATAGCAGGGACAAACGAGGCATTTCAGGGAGGCGTTGTTGAACATCACCGAGCCTGATGGGAGA
TGGCTGTATGATCTGATCAACATCCTGCAAAAGTATTATAGTGCAGGAACGTAGCCTGGGTTTGGCTGAGAAAGTGGCAGCTATCAACTACTCGGTCT
TGAGCCTGGGCAAAATACTACGCTCGCAAGATCTACAAGACCCCTACGTACCCATAGACAAGGAGGTGAAGATAGATGGGTTTTACATGCGCATGAC

Fig. 17, cont'd

Fig. 17, cont'd

CATTGTATTGCTGCTGGTTGCGGGGTAGACTTTACTGAAAGCCGACTTAGCAACTTGCTTGGCATCAGGAAGAGACATCCATTCAGGAGGGTTTC
AAAATCATGTATGAAGATCTTGAAGGGGTAAATATTCTGCCCCTTTTGGATGTCACCTGCCATGAGGAAAGCAAAAAGGATACCCACTACTGAAACAA
CCACACTGGCTGTTGCAGAGGAACTAGTGAAGATGATGATATAACTAGAGGAGATACCTATATAACTGAAAAACAAAAACGTGAAGCTGCAGCTGC
TGAAGTTAAAAAAGAGTTAAGATCCAACCTCTAGAAAAAGACAGCAAGAGTAGAAGCTACAATGTCTTGGAAAGACAAAATCAACACAGCCTACCCG
AGTTGGTACCTGTCTACAATTACGGTAACCCCTGAGAAAGGAATAAGGTCTTGGACACTGCTCACCACTTCAGATGTACCTGTGGGGCAGAGCAGG
TCTACTGGTCGCTCCCTGACATGATGCAAGACCCAGTCACCTCCGCTCCACAAGACAAGTCAACAACCTACCCAGTGGTGGGTGCAGAGCTTATGCC
CGTCTTCTCAAAGAGTTTCTACAAATGAGCAAGCCGTGTACTCTCAGCAGCTCCGACAGGCCACTTCGCTCACGCACGCTTCAACCCGCTTCCCTGAG
AACCAGATCCTCATCCGCCCGCCGCGCCCAAAATTACCACCGTCAGTGAAAACGTTCTGCTCTCACAGATCACGGACCCCTGCCGTTACGCAGCA
GTATCCGGGGAGTCCAGCGCGTGACCGTTACTGACGCCAGACGCCGACCTGTCCCCTACGTTTACAAGGCCCTGGGCATAGTCGCGCCGCGCGTTCT
TTCAAGCCGCACCTTCTAAAAAATAAAAAATGTCCATTCTCATCTCGCCAGTAATAATACCGTTGGGGACTGTATGCGCCACCAAGATGTATG
GAGCGCCCGCAAGCGCTCTACCCAGCATCCTGTGCGGTTCCGGTCAATTCGCGCTCCCTGGGGCGCACTCAAGGTCGTACCCGCACTCGGAC
CACGGTCGATGATGTGATCGACCAAGTGGTCGCCGATGCTCGTAATTATACCTCTACTGCGCCTACATCTACTGTGGAATGCAAGTTATTGACAGTGTG
GTGGCAGACGCCCGCCTATGCTCGCCGGAAGAGCCGAAGGAGGCGCATCGCCAGCGGCCACAGGGCTACTCCGCCCATGCGAGCCGCAAAAAGCTA⁵¹
TTCGCGGAGGGCCAAACGTGTGGGGCAAGAGCCATGCTTAGAGCGGCCAGACGCGCGGCTTCAGGTGCCAGCAGCGGCAGGTCCCGCAGGCGCGC⁵⁰
GGCACGGCGGACGACGCGGCCATTGCCAACATGGCCCAACCGCAAGAGGCAATGTGTACTGGTGCGTGTGCCACTACCGGCCAGCGCGTGCCCC¹⁰
GTGCGCACCCGCCCCCTCGCACCTTAGAAGATACTGAGCAGTCTCGGATGTTGTGTCCAGCGGCAAGTATGTCCAAGCGCAAAATACAAGGAAGAGA⁶
TGCTCCAGGTTCATCGCGCCTGAAATCTACGGTCCGCGGTGAAGGATGAAAAAAGCCCGCAAAATCAAGCGGGTCAAAAATAACAAAAAGGAAGA
AGATGACGATGATGGGCTGGTGGAGTTTGTGCGGAGTTCGCCCCAAGACGCGCGGTGCAGTGGCGGGCGCAAGTGCCTCAAGTGCAGACCC
GGGACCACTGTGGTTTTACACCTGGCGAGCGTTCAGCACTACTTTTAAACGGTCTATGATGAGGTGACGGGATGACGATATTCCTTGAGCAGG
CGGCAGACCGCCTTGACGAGTTTGCTTATGGCAAGCGCACTAGATCCAGTCCCAAGAGGAGGCTGTGTCCATTCTTTGGATCATGGAATCCCCAC
CCCCAGCCTCAAACCACTCACCTGCAGCAAGTGTGCCCCGTGCCGCGGAGAGGCGTAAAGCGGAGGTGAGGACCTATA TCCACCATGCAG
CTAATGGTGCCCAAGCGCCAGAGGCTAGAAGACGTACTGGAGAAAATGAAAGTGGA TGCCGATATCCAGCCTGAGGTCAAAGTAAGACCTATCAAGG
AAGTGGCGCCAGGTTTGGGAGTACAAACCTTCGACATCAAGATTCCACCGAGTCCATGGAAGTGCAGACCGCAACCTGCAAAACCCACACCTCAAT
TGAGGTGCAAAACGAAACCTTGATGCCCGGCCCGTTGCCGCCCGCCAGCACCACTCGAAGATCAGACGAAAGTACGGCCAGCAAGTCTGCTAATG
CCCAACTATGCTCTGCACCCATCCATCATTCCTCACTCCGGTTACAGAGGCACCTCGCTACTATCGAAACCGGAGCAACACCTCTCGCCGCCGCAAC
CACCTGCAAGTCGCACTCGCGCTCGCCGCCCGCCGCAACACTGCCAGCAAA TTGACTCCCGCCGCCCTGTTGCGGAGAGTGTACCGCGATGGTCGCGC
TGAACCTCTGACGCTGCCGCGCGGCTACCATCCAAGCATCACCACTTAATGACTGTTGACGCTGCTCCTTGCAGATATGGCCCTCACTTGCCG
CCTTCGCGTCCCCATTACTGGCTACCGAGGAAGAAACTCGCGCGGTAGAAGGATGTTGGGGCGAGGGATGCGCCGCCACAGACGAAAGGCGGCTATC
AGCAGACGATTAGGGGGTGGCTTTTGGCAGCTCTTATACCCATCATCGCCGCGAGGGATCGGGGCGATACCCAGGCATAGCTTCAGTGGGGGTTTCAGG

Fig. 17, cont'd

CCTCGAGCGCCACTAACATTGGAAAAAAGCTTATAAATAAAAAATAGAAATGGACTCTGACGCTCCTGGTCCTGTGACTATGTTTTTTGTAGAGATGGA
AGACATCAATTTTTTCATCCCTGGCTCCGCGACACGGCACGAGGCCGTACATGGGCACCTGGAGCGACATCGGCACGAGCCAACTGAACGGGGCGCC
TTC AATTGGAGCAGTATCTGGAGCGGGCTTAAAAATTTTGGCTCGACCGTAAAAACCTATGGGAACAAGCTTGGAAACAGCAGCACAGGGCAGGCTC
TGAGAAATAAGCTTAAGGAACAAGCTTCCACACAGAGGTGGTCGATGGGATCGCCTCTGGTATTAAAGGCGTAGTGGATCTGGCCAAACCAAGGCTGT
ACAAAAACAGATAAACAGCGCCCTGGACCCGCGCTGGTGACGCGCGCAGACGAGCCCTTTCATATGAGGAGGCAGTAAAGCTCGGAAATGCCCACTACCA
AAGCGTCCGCGACCCGAGCTAGAGCAGACGCTGGTGACGCGCGCAGACGAGCCCTTTCATATGAGGAGGCAGTAAAGCTCGGAAATGCCCACTACCA
GGCCTGTAGCTCACATGGCTACCGGGTGTGAACCTTCTCAGTCACATCGACCCGCCACCTTGGACTTGCCTCCTCCCCTGCCTCTGGCGCGCC
TGTTCCCAACCTGTGCTACAGAAAGCCCAACCGCGTACAGCCGTCGCCGTAGCCAGACCGCGTCTGGGGGCACACCGCGCCCGAAAGCAAAC
TGGCAAAGTACTCTGAACAGCATCGTGGGTCTGGGCGTGCAGAGTGTAAAGCGCCGTGCTGCTATTAAATTAATATGGAGTAGCGCTTAACCTTGCT
TGCTGTGTGTATCATCACACGCGCGCAGCAGAGGAGAAAGGAGGTGCGCGCGCGAGGCTGAGTGTGCTTCAAGATGGCCACCCCAT

Fig. 17, cont'd

CGATGATGCCCCAATGGGCATACATGCACATCGCCGGACAGGATGCTTCGGAGTACCTCAGTCCGGGTCTGGTGCAGTTCGCCCCGTGCAACAGACAC
 CTACTTCAGTATGGGGAACAAATTTAGAAACCCACAGTGGCGCCACCCACGATGTGACCACCGACCGTAGCCAGCGCTGATGCTGGCTTCGTG
 CCCGTTACCGGGAAGACAAATACCTACTCTTACAAAGTTCGCTACACGCTGGCTGTAGCGGACAACAGAGTGTGACATGGCCAGCACATTCCTTTG
 ACATTCGGGGGGTGTCTTGATAGAGTCTAGCTTCAAGCCATATTCGGCACAGCTTACAATTCACCTGCTCCTAAGGCGCGCCCAATACATCTCA
 GTGGATAGTTACAACAAATGGGACAAATGCAGTAACACCACAAACACATTTGGCATTGCTTCATGAAGGGAGACAATATTACTAAAGAAGGT
 TTGCAAAATGGGAAGACATTACCCTACTGAAGGAGAAGAAAGCCCAATTTATGCCGATAAACAATATCAGCCAGAGCCTCAAGTTGGAGAAGAAAT
 CATGGACTGATACCTGATGGAACAAATGAAAAGTTTGGTGGAGAGCCCTTAACCCAGCTACCAACATGAAGCCATGCTACGGGTCTTTTGCAAGACC
 TACAAACATAAAAAGGGGCCAAGCTAAAAACAGAAAAGTAAACCAACCAAGGAGGGGTGAAACTGAGGAACCCAGATATTGATATGGAAATTT
 TTCGATGGTAGAGATGCTGTTCAGGAGCTTTAGCGCCTGAAATTTGTGCTTTATACGGAAAAATGTAATTTTGGAAACTCCAGACAGTCATGTGGTAT
 ATAAACCAGAAACGCTCTAATAACTCTCATGCAAAATTTGGGTCAACAAGCCATGCCTAACAGAGCCCAATTACATTTGGCTTCAGGGATAACTTCGTAGG
 CCTAATGTACTACAACAGTACTGGAAATATGGAGTTTGGCTGGCCAAAGCATCACAACTGAATGCAGTGGTTGACTTGCAGGACAGAAAATACTGAA
 CTGTCATATCAGCTTTTGTGTTGATTCCTCTGGGAGACAGAACCCAGATACCTCAGCATGTGGAATCAGGCTGTGGACAGTTACGATCCCGATGTTCCGA
 TTATTGAAAATCATGGCATCGAGGATGAACCTGCTAATTAATGCTTTTCCCTCTGAATGGCATAGGACCAAGGACACACATATCAAGGCATTAAGTTAA⁵¹
 AACCGATGACACTAATGGATGGGAAAAAGATGCTAATGTGCTCCAGCTAATGAAATAACCATAGGCAACAACCTGGCTATGGAAATTAATATCCAA⁵²
 GCTAACCTTTGGAGAAAGTTTCTGTACTCTAATGTGGCTTTGTACCTCCAGATGTTTACAAGTACACGCCACCTAACATTTACTTTGCCCACTAACA¹⁰
 CCAACACCTATGAGTACATGAACGGCGAGTGGTATCCCCATCCCTGGTTGATTCATACATCAACATTTGGCGCCAGGTGGTCTCTTGACCCCAATGGA⁵³
 CAATGTGAATCCATTCAACCACCAACCGCAATGCTGGTCTGGCTACAGGTCCATGCTTCTGGGAAATGGTCTGTTATGTGCCTTCCACATACAAGTG⁵⁴
 CCTCAGAAATTTCTTTGCTGTCAAGAACCTACTTCTTCTACCTGGCTCTACACCTACGAGTGGAACTTCGGAAGGATGTGAACATGGTCTCTGCAAA
 GTTCCCTTGGAAATGACCTCAGAACGGATGGTGTACCATAGTTTACCAGCATCAATCTCTATGCCACCTTCTTCCCATGGCTCACAAACACAGC
 TTCCACCTTGAAGCCATGCTGCGCAACGATACCAATGATCAGTCATTTAACGACTACCTCTCTGCAGCTAACATGCTTTACCCCAATTCCTGCCAAT
 GCAACCAACATTCCTCAATTTCCATCCCATCTCGCAACTGGCGAGCCTTCAGGGGCTGGTCTCTCACAGACTCAAAACCAAGGAGACTCCATCTCTTG
 GATCAGGGTTCGATCCCTACTTCGTATATTCGTGATCTATTCCTACCTGGATGGCACCTTTTACCTTAACCACACTTTCAGAAAGGTCTCCATCAT
 GTTTGACTCCTCAGTCAGTGGCCTGGCAATGACAGGCTGTGAGTCCAAATGAGTTTGAAATCAAGCGCACTGTGGACGGGAAGGATACAACGTG
 GCACAAATGCAACATGACCAAGACTGGTTCTTGGTTTCAGATGCTTGCCAAATACAACATTTGGCTACCAAGGCTTTTACATCCCTGAGGGATACAAGG
 ATCGCATGTACTCTTTTTCAGAAACTTCAGCCTATGAGCAGGCAAGTGGTTGATGAGGTTAATTACACTGACTACAAAGCCGTCACTTACCATA
 CCAACACAACAACTCTGGCTTTGTAGGGTACCTTGCACCTACTATGAGACAAGGGGAACCTTACCAGCCAAATATCCATACCCGCTCATCGGAACT
 ACTGCCGTTAAGAGTGTACCCAGAAAAAGTTCTGTGCGACAGGACCATGTGGCGCATTCCTTCTCCAGCAACTTCATGTCCATGGGGGCCCTTA
 CCGACCTGGGACAGAACATGCTCTATGCCAACTCAGCCCATGCGCTGGACATGACTTTTGGGTGGATCCCATGGATGAGCCCACTGCTTTTATCT
 TCTTTTCGAAGTCTTCGACGTGGTCAGAGTGCACAGCCACACCGGGGCTCATCGAGGCCGTCTACCTGGCACACCGGTTCTCGCCCGCAACGCC
 ACCACATAAGAAAGCCTCTTGCTTCTTGCAAGCAGCAGCTGCAGCCATGACATGCGGGTCCGGAAACGGCTCCAGCGAGCAAGAGCTCAAAGCCATCG

Fig. 17, cont'd

TCCGAGACCTGGGCTGGGACCCCTATTCTCTGGGAACCTTTGACAAGCGTTTCCCGGGTTTCATGGCCCGGACAAGCTGCGCTGGCCCATAGTCAA
 CACTGCCGACCGAGACGGGGGAGAGCACTGGCTGGCTTTTGGTTGGAACCGCGCTACAACACCTGCTACCTTTTTTGATCCTTTTGGTTCTCG
 GATGAGCGGCTCAAACAGATTTACCAGTTTGATACGAGGGCTCCTGCGTCGAGTGCCCTTGCTACCAAGACCGCTGCTCATCACCTGGAGAAGT
 CTACCAAGCGTGCAGGTCGCGCTCAGCGCTGTGGACTTTTGTCTGATGTTCCCTTCATGCCCTTTGTGCACTGGCCGACCGCCCATGGA
 CGAAACCCACCATGAAGTTGCTGACTGGGTGTCCAACAGCATGCTCCAATCACCCCAAGTCCAGCCACCTGCGCCGCAACCCAGGAGGTGCTA
 TACCGCTTCTTAACACCCCACTCATCTTACTTTTCTCACCGCGCGGCAATTGAAGGGCCACCGCTTGACCGTATGGATATGCAATAAGTCA
 TGTAAACCGTGTTCATAAACAGCACTTATTTTACATGCACGTAGGCTCTGGTTTGTCTCATTTGTTTCATCATTTACTCAGAAGTCGAATGGG
 TTTCTGGCGGAGTCAGAGTGACCGCGGGCAGGGATACGTTGCGGAACGTGTAACCTGTTCTGCCACTTGAACCTCGGGATTACCAGCTTGGGAACGTG
 GAATCTCGGGAAGGTGCTTGCCACAACCTTCTGGTCAGTTGCATAGCGCCAAGCAGGTTCAGGAGCAGAGATCTTGAAATCACAGTTGGGCGCGGC
 ATTCTGGACACGGGAGTTGCGATACACTGGGTGCAACACTGGAACACTATCAACGCTGGGTGCTTACGCTTGCCAACACCGGTGGGTCACTGATG
 GTAGTCACATCCAAGCTTCAGCATTTGGCCATCCCAAGGGGTCACTTACATGTCTGCCCTGCCATCACGGGAGCGCAGCGCTGGCTTGTGGTTGC
 AATCACAATGAATGGGATCAGCATCATCTGGCTTGGTCGGGAGTTATCCCTGGGTACACAGCCTTCATGAAGGCTTCGTACTGCTTAAAGCTTC
 CTGGGCTTACTTCCCTCGGTGTAGAACAATCCACAGGACTTGTGGAAAATTGATTAGTAGTACAGTTGGCATCATTCACACAACAGCGGGCATCG⁵¹
 TTGTGGCCAACTGAACCACTTCTGCCCCAGCGGTTTTGGGTGATCTTGGCTCTGCTGGATTCTCCTTCATAGCGCGCTGCCGTTCTCGCTCG⁵²
 CCACATCCATCTCGATAATGTGGTCTTCTGGATCATGATAGTGCATGCAGGCAATTCACCTTGCTTCATAATCGGTGCATCCATGAGCCCCACAG⁵³
 AGCGACCCGGTGCACTCCCAATTATTGTGGCGCATCTCAGAAATAATAATGTACCAATCCCTGCATGAATCTTCCCATCATTTGTTGTCAAGGTCTTC⁵⁴
 ATGCTGGTAAATGTCAGCGGGATGCCACGGTGCTCCTCGTTACATACACTGTTGGTCAGATACGCTTGATTGCTCGTCTGCTGCGATCAGCTTGA⁵⁵
 AAGAGTTCTCAGATCATATCCAGCCTGTACCTTCCATTAGCACAGCCATCACTTCCATGCCCTTCTCCAGGCAGATACCAGGGGCAGACTCAA
 AGGATTCTAACAGCAATAAAGTAGTCTCTTAGCTATAGGTCAATCTTGTGATCTTCTCAACACTTCTTGCATCTTGCATCCTTCAATGATGCGC
 ACCGGGGGTAGCTGAAGCCCAACGCGCCACCAACTGAGCCTGTTCTCTTCTTCTTCACTATCTTGGCTGATGTCTTGCAAGGGGACATGCTTGGTCT
 TCCTGGGCTTCTTCTTGGGAGGATCGGGGAGGACTGTTGCTCCGCTCCGGAGACAGGGATGACTGCGAAGTTTCGCTTACCAATACCACCTGGCT
 CTCGGTAGAAGAACCGGACCCACACGACGGTAGGTGTTCTCTTGGGGGCAAGGTGGAGCGACTGAGATGGGTGCGGTCTGGCTTGGAGGC
 GGATGGCTGGCAGAGCTCATTCGCGGTTCCGGGTGTGCTCCGGTGCGGTGCTTGACTGATTTCTCCGCGGCTGGCCATTGTTGTTCTCCTAGG
 CAGAGAAACAACAGACATGGAAACTCAGCCATCACTGCCAACATCGCTGAAGCACCATCACACCTCGCCCCAGCAGCAGCAGGAGGAGAGCTTA
 ACCACCCCAACCCAGTCCCGCTACCACCACTCTACCTCGATGATGAGGAGGAGGTGCAGCGAGCCAGGAGATGCAGGCGCAGGATAATGTGA
 AAACGGAAGAGATTGAGGCAGATGTGAGCAGGACCCGGCTATGTGACGCCGGCGGAGCACAGGAGAGCTGAAACGCTTCTAGACAGAGAGGA
 TGACGACCGCCACAGCATCAAGCAGATGGCGTTTACCAGGAGGCTGGGATCAGGGATCATGTGCGCGACTACCTCACCGGCTTGGTGGGAGGAC
 GTGCTCCTCAAACATCTAGCAAGGCAGTCGATCATAGTTAAAGACGCATTGCTCGATCTCACTGAAGTGCCCATCAGTGTGGAAGAGCTTAGCCGCG
 CCTACGAGCTGAACCTCTTTTCGCTCAGGTACCCCCCAAGCGGCGAGCCCAACCCCTGCGAGTCAACTTCTATCCAGCTT

Fig. 17, cont'd

TACTATCCCGAAGTGTGGCCACCTACCACATCTTTTTCAAGAACCAAAAGATTCCAGTCTCCTGCCGGCCCAACCGCACCCGCGCCGATGCCCTG
CTCAACTTGGTCCGGGAGCTCGCTTACCTGATATAGCTTCTTGAAGAGGTTCCAAAGATCTTTGAGGGTCTGGGAAGTGATGAGACACGGGCCG
CAATGCTCTGCAACAGGGAGAGAA TGACATGGATGAACACCACAGCGCTCTGGTGAACCTGGAGGTGACAA TGCCGGATTGCAGTGCTCAAGCG
CAGTATCGTGGTCACCCATTTTGCCTACCCCGCTGTTAACCTGCCCCCAAGTTATGAGCGCTGTCTGGAACCATCTGCTCATCAAAACGAGCAAGA 5'
CCTCTTTCAGAAACCAAGACATGCAGGATCCAGACGCTCGGACGAGGGCAAGCCGGTAGTCAGTGACGAGCAGCTATCTCGCTGGCTGGGTACCA
ACTCCCCCGAGATTGGAAGAGAGCGCAAGCTTATGATGGCTGTAGTGTCTAGTAACCTGTGGAGCTGGAGTGTCTGCGCCGCTTTTTCACCGACCC
TGAGACCCCTGCGCAAGCTAGAGGAGAACCTGCACCTACACCTTTAGACATGGCTTCGTGCGGCAGGCATGCAAGATCTCCAACGTGGAGCTTACCAAC
CTGGTTTCTTACATGGGCATTTTGATGAGAACCGACTAGGGCAGAGCGTCTGCACACCCACCTTAAAGGGGAGGCCCGCGTGACTACATCCGAG
ACTGTGTCTACCTCTACCTCTGCCATACCTGGCAAACTGGTATGGGTGTGTGGCAACAGTGTGGAAGAGCAGAACCTAAAAGAGCTGGACAAGCT
CTTGCAGAGATCCCTCAAAGCCCTGTGGACAGGTTTGTGATGAGCGCACCCGTGCGCTCGGACCTGGCAGACATCATCTTCCCCGAGCGTCTCAGGGTT

Fig. 17, cont'd

ACTCTGCGAAACGGCTGCCAGACTTTATGAGCCAGAGCATGCTTAACAACCTTTGCTCTTTTCATCCTGGAACGCTCCGGTATCCTGCTGCCACCT
 GCTGTGGCTGCCCTCCGACTTTGTGCTCTCACCTACCGGAGTGCCACCGGCTATGGAGCCACTGCTACCTGTTCCGGCTGGCCAACTACCT
 CTCCTACCACTCGGATGTTATAGAGGATGTAGCGGAGACGGCTGCTGGAATGCCACTGCCGCTGCAATCTTGCACACCCACCGCTCCCTTGCC
 TGCAACCCCCAGTTGCTGAGCGAGACCCAGATTATCGGCACCTTCGAGCTGCAGGTTCCAGAAAGTAAGGCGAGGGGCTTTCTCCGGGCGAGAGTT
 TGAACGTGACACCGGGCTGTGGACCTCCGCTACCTCGCGAAGTTTCAACCCGAGGACTACCATCCCTATGAGATCAGGTTCTATGAGGACCAATC
 ACATCTCCCAAAGTCGAGCTCTCAGCTGCGTATCACCCAGGGAGCAATCTGGCCCAATGCAAGCCATCCAAAATCTCGCCAAAGAAATTTCTG
 CTAAAAAGGGAACGGGGTCTACCTTGACCCTCAGACCGGTGAGGAGCTCAACACAGGTTCCCCAGGATGCCCATCGCCGAGGAAGCAAGAAG
 TTGAAGGTGCAGCTGTGCGCCCCCAGAGGATATGAAGGAAGACTGGGACAGTCAGGCAGAGGAGGAGATGGAAGATTGGGACAGCCAGGCAGAGGAGG
 TGGACAGCTGGAGGAAGACAGTTTGGAGGAGGAAGACGAGGAGGCGAGAGGAGTGGAAGAAAGCAACCGCCGCCAAACAGTTGTCTATCGGCGGCGGA
 GACAAGCAAGTCCCAGACAGCAGCAGGCTACCATCTCCGCTCCGGTCCGGGGGCCAGCGGCGGCCAACAGTAGATGGGACGAGACCGGGCGGA
 TTCCCAAACCCGACACCGCTTCCAAAGACCGGTAAAGAGGAGCGACAGGATACAAGTCTGGCGTGGACATAAAAACGCTATCATCTCTGCTTGC
 ATGAATGCGGGGGCAACATATCCTTCAACCGGCGATACCTGCTCTTCCACCACGGTGTAACCTTCCCGCGCAATATCTTGCAATTACTACCGTCACCT
 CCACAGCCCTACTGCAGTCAGCAAGTCCCGGCAACCCCGACAGAAAATACAGCAGCGACACCGGTGACCAGAAAACCGAGTTAGAAAATCCAC
 AACAGTGCACAGGAGGAGCTGAGGATCACAGCGAACGAGCCAGCGCAGACAGAGAGCTGAGGAACCGGATCTTTCCAACCTCTATGCCATT⁵¹
 TTCAGCAGAGTCGGGGCAAGAGCAGGAAC⁵¹TGAAAGTAAACCGATCTCTGCGCTCGCTCACCAAGTTGTTGTATCACAAAGAGCGAAGACC
 AACTTCAGCGCACTCTCGAGGACGCGAGGCTCTCTTCAACAAGTACTGCGCGCTGACTCTTAAAGAGTAGCCCTTGCCCGGCTCATTTTGAAAAC
 GCGGGGAATCAGCTACCTTGGCACCTTGCTTGGCCCTGTGATGAGTAAGAGATTTCCACGCCCTTACATGTGGAGCTATCAGCCCCAAATGGG⁵¹
 GTTGGCAGCAGGCGCTTCCAGGACTACTCCACCGCATGAA⁵¹TGGCTTAGCGCGGCGCTCAATGATATCAGGGTTAATGATATACGAGCTTAT
 CGAAACCAAGTTACTCCTAGAACAGTCAGCTCTCACCAACACACCCGCTCAACACCTTAAATCCCGAAATTTGGCCCGCCACCTTGGTGTACCAAGGAAA
 ATCCCGCTCCACACCGTACTACTTCTCGAGACGCCAGCGCGAAGTTCAGATGACTAACGCAGGTGTACAGCTGGCGGGCGGTTCCGCCCTATG
 TCGTCACCGACCTCAACAGAGTATAAACGCCCTGGTGATTAGAGGCCGAGGTATCCAGCTCAACGACGAGTCGGTTCGCTTCGCTTGGTCTGCGA
 CCAGACGGAGCTTCCAAATCGCCGGCTGTGGAGATCTTCTTCACTCCTCGTCAGGCTGTGCTGACTTTGGAGAGTTGCTCCTCGCAGCCCCGCT
 CGGGCGGCATTGGAACCTCCAGTTTGTGGAGGAGTTTACTCCCTCTGTCTACTTCAACCCCTTCTCCGGCTCTCTGGCCAGTACCCGACGAGTT
 CATACCAAATTCGACGCAATCAGCGAGTCAGTGGATGGCTATGATGATGCTAAATGGTGGTCCGGCTGAGCTAGCTCGACTGCGACACCTAGACC
 ACTGCCGCCGCTTTCGCTGCTTCCCGGGGAATCACCAGTTTCACTACTTCGAACCTCTCCGAGGAGCACCTCAGGTCGCGGCCACGGAGTGG
 GATTACCATCGAAGGGGAATAGACTCTCGCTGCATCGCATCTTCTCCAGCGGCCGCTGCTAAATTGAACGCGACCAAGGAAAATACAAACCATCTCC
 ATCTACTGCATCTGTAAACACCCCGGATTGCATGAAAGCCTTGTGCTGAGTTTAAATAAAAACCTGAGTTAAGACCCCTCCTACGGA
 CTACCGCTCTTCAATCAGGACTTACAACACCAACCCAGATCTTCCAGAAGACCCAGACCTTCTCTCTTTCATCCAGGACTCTAAGTCTACCTTAC
 CAGACCCCTCCACTACTAACCTTCCCGAAACAAACAAGCTTGCACTGCAACACCGGCTTTCACGAAGCCTTCTTCTGCGCAATACTACCAC
 TCCCAAACCGGAGGTGAGCTCCGCGTCTTCTACTGACGACCCCTGGGTGGTAGCGGGTTTGTAAACGTTAGGAGTAGTTGCGGGTGGGCTTGTG

Fig. 17, cont'd

CTGATCCTTTGCTACCTATACACACCTTGCTGTGCATATTTAGTCATATTGTGCTGTTGGTTTAAAGAAATGGGGGCCATACTAGTCGTGCTTGCTTT
 ACTTTGCGTTTTGGGCTGGCTCTGCTAATCTCAATCCCTCGATCCGATCCATGTTTAGACTTCGACCCAGAAAACTGCACACTTACTTTTTGCA
 CCGACACAAGCCGCTCTGTGGAGTCTTATTAGTGGGATGGGACTGCAGGTCGGTTGAAATTACACATAATAACAAAAACATGGAACAATACCT
 TATCCACCACATGGGAGCCAGGAGTCCCGAGTGGTATACGTCTCTGTCCGAGGTCCTGACGGTTCATCCGCAATTAGTAACAACACTTTCATTTT
 TTTCTGAAATGTGCGATCTGGCCATGTTTCATGAGCAGACAGTATGACCTATGGCTCCAGCAAGAGAACATTTGTGGCAATTTTCCATTGCTTATTGC
 TTGGTAACATGCATCATCTGCTATCATTTGTGTGTCATACACTTGCTTATAGTTATTCGCCCTAGACAAAAGCAATGAGGAAAAAGAGAAAAATGC
 CTTAACCTTTTCCTCATACCTTTTCTTTACAGCATGGCTTCTGTTACAGCTCTAATTTATGGCAGCAATTGTCACGTGCGCTCAGGGCAACAATT
 GTCCATATTACCTTAGGACATAATCACACTCTTGAGGGCCCCCAATTACTTCAGAGTTAATTTGGACCAAACTTGGAAAGTTGATTATTTTGATA
 TAATTTGCAACAAAACTAAACCAATATTTGTAATCTGTAACAGACAAAAATCTCACGTTAATTAATGTTAGCAAAAATTTATAACGGTTACTATTATGG
 TTATGACAGATCCAGTAGTCAATATAAAAAATTACTTAGTTCGCATAACTCAGCCCCAAATTAACAGTGCCCACTATGACAAATAATAAATGGCTAAT
 AAAGCATTAGAAAAATTTACATCACCAACAACACCCCAATGAANAACATTCCAAAATTCAAATGATTGCAATTAATGCGGCGGTGGCATTTGGGAATGG
 CACTAATAATAATGCGATGCTCCTATATGCTGTTACTATAAAAAGTTTCAACATAAACAGGATCCACTACTAAATTTTAACATTTAATTTTTTAT
 ACAGATGATTTCCACTACAATTTTATCATTTACTAGCTTGAGCTGTAACCTTATGGCGTTACACACTAACCTGTAACCTGTTGGCTCAACATGTACA⁵¹
 CTACAAGGACCCCAAGAAGGTATGTCACTGGTGGAGAAATATAGATAATGGAGGTTTCGCTAGACCATGTGATCAGCCTGGTACAAAATTTTCAT⁵²
 GCAACGGAAGAGACTTGACCATATTAAACATAACATCAAAATGAGCAAGGCTCTATTATGGAACCAACTATAAAAATAGTTTAGATTACAACATTAT⁵³
 TGTAGTGCCAGCCACCACTTCTGCTCCCGCAAAATCCACTTCTCTAGCAGCAGTGCCAAAGCAAGCACAAATTCCTAAAACAGCTTCTGCTATGTTA⁵⁴
 AAGCTTCCAAAAATCGCTTAAGTAATTCACAGCCGCTCCCAATACAATTCCTAAATCAACAATTTGGCATCAATTACTGCCGTGGTAGTGGGATTAA⁵⁵
 TGATTATATTTTGTGATAATGTACTACGCTGCTGCTATAGAAAACATGAACAAAAGGTGATGCATTACTAAATTTTGATAATTTAATTTTTTAT
 AGAATTATGATAATTGTTTCAATCAATACCACTACCTCCTATGCATACACAACACATTCAGCCTAAATACGCTATGCAACTAGAAATCACAATACTAA
 TTGTAATTGGAATTCCTATACCTATCTGTTATTTTATATTCTGCCGTCAAAATACCCAATGTTTCATAGAAAATTCCTAAAAGACGTCCCATCTA
 TTCCTCCTATGATTAGTCGTCCTCATATGGCTCTGAATGAAATCTAAGATCTTTTTTTTTCTCTTACAGTATGGTGAACATCAATCATGATCCCTA
 GAAATTTCTTTCACCATACTCATCTGTGCTTTAATGCTGTGCTACTTTCACAGCAGTAGCCACTGCAAGCCAGACTGTATAGGACCATTTGC
 TTCCTATGCACCTTTTGCCCTCGTTACTTGCATCTGCGTGTGTAGCATAGTCTGCCGTGTTAATTTTTTCCAACCTGGTAGACTGGATCTTTGTG
 CGAATTGCCCTACCTACGTCACCATCCGAAATACCGCAATCAAAAATGTTGCGGCACCTTCTTAGGCTTATTTAAAACCATGTCAGGCTATGCTACCAATC
 ATTTTAAATTTTGCTACTACCTGCATTTCCCTAGCTTCCACGCCACTCGCGCTACACCTGAACAACCTTAGAAAATGCAAAATTTCAACAACCATGGT
 CATTTCTTGATTGCTACCATGAAAAATCTGATTTCCACATACTGGATAGTGAATGTTGGAAATAATTAACTACTTTTCATGTACCTTTTCTCAAT
 CACAATATACCCACATTTAATTTTGGGTGGAATTTCTCCCAATGCACCTGGGTACCCACAAGAACCCAGATGAACATAATTCCACTACAACACATACAA
 CAACCACTAGCACTGGTACAGTATGAAAAATGAGCCACAACCTTCACTGCCCTGCTGCTTACTTCAACCTAACCGGCGGAGATGACTGACCCCA
 ATCGCCACATCATCCACCGCTGCCAAGGAGCTGCTGGACATGGACGGACGTGCCTCAGAACAGGACTCATCCAACCTACGCAATTCGTAGCAGCAGG

Fig. 17, cont'd

AACGAGCAGTAAAGAGCTAAGGGATGCCATTGGGATTCACCAGTGCAAAAAAGGCATATTCTGCTTAGTAAACAATCCAAAATCTCCTACGAGAT
CACCGCTACTGACCATCGTCTCTCATACGAGCTCGGTCCGCGAGCGACAAAAATTCACCTGCATGGTGGGAATCAACCCCATAGTTATCACCCAGCAG
TCTGGAGATACTAAGGGTTGTATCCAGTGTTCCTGTGATTCACCGAGTGCACTACACACTGCTGAAGACCCCTCTGCGGCCTTCGAGACCTCCTAC
CCATGAACATAATCATTGCCCCCTACCTTACCCCAATCAAAATATTAATAAGACACACTTACTTGAAATCAGCAATACAGTCTTTGTCAAAACTTTCTACCC
AGCAGCACCTCACCCCTCTCCCAACTCTGGTACTCTAAACGTGGAGGGTGGCATACTTTCTCCACACTTTGAAAGGGATGTCAAAATTTTATTTCCT
CTTCTTTGCCCCACAATCTTCAATTTCTTATCCCCAGATGGCCAGCGAGCTCGGCTAAGCACCTTCTTCAACCCGGGTACCCCTTATGAAGATGAAA
GCAGCTCACAAACACCCATTTATAAATCCTGGTTTCATTTCCCTGACGGGTTACACAAAGTCCAAACGGGGTTTAAAGTCTTAAATGTGTTAATCC
ACTTACCACCTGCAAGCGGCTCCCTCCAACCTAAAGTGGGAAGTGGTCTTACAGTAGACACTACTGATGGATCCTTAGAAGAAAACATCAAAGTTAAC
ACCCCCCTAACAAAGTCAAACCATTTCTATAAATTTACCAATAGGAACGGTTTGCAAAATAGAACAAAAACAACTTTCAGTAAACTCGGAAATGGTC
TTACATTTGACTCTTCCAATTTCTATTGCACTGAAAAATAACACTTTATGGACAGGTCCAAAACCCAGAACCAACTGCATAATTGAAATACGGGAAACA

Fig. 17, cont'd

AAACCCAGATAGCAAACTAATCTTGTAAAAAATGGAGGAATTGTTAATGGATATGTAACGCTAATGGAGCCTCAGACTACGTTAACACC
TTATTTAAAAACAAAAATGTCTCCATTAATGTAGAACTATACCTTGTATGCCACTGGTCATATATACCAGACTCATCTTCTCTTAAACAGATCTAG
AACTAAAATACAAGCAAAACCGTGACTTTAGTGCAAGAGGTTTTATGCCAAGTACTACAGCGTATCCATTTGTCTTCTTAATCGGGAAACACATAA
TGAAAAATTATATTTTGGTCAATGCTACTACAAAGCAAGCGATGGTGCCCTTTTCCGTTGGAAGTTACTGTTATGCTTAAATAAACGCGCTGCCAGAT
AGTCGCACATCCTATGTTATGACTTTTTATGGTCCCTTGAATGCTGGTCTAGCTCCAGAAACTACTCAGGCAACCCCTCATAAACCCTCCCATTTACCT
TTTTCTATATTAGAGAAGATGACTGACAACAAAAATAAAGTTCAACATTTTTATTGAAATTCCTTTACAGTATTCGAGTAGTTATTTTGGCTCCC
CCTTCCCATTTAACAGAAATACACCAATCTCTCCACCGCACAGCTTTAAACATTTGGATACCATTAGAGATAGACATAGTTTTAGATTCACATTTCC
AAACAGTTTCAGAGCGAGCCAATCTGGGGTCAGTAAATACATAAAAAATGCATCGGGATAGTCTTTTAAAGCGCTTTCACAGTCCAACGTGTTGCGGATG
CGACTCCGGAGTCTGAATCACGGTCACTTGGGAAGAAACGATGGGAATCATATCCGAAAAACGGAATCGGGCGATTGTGTCATCAAAACCCACAA
GCAACCGCTGCTGCGTCCGTCGACTGCTGTTTTATGGATCGGGTCCGAGTGCTCTGAAGCATGATTTAATAGCCCTTAACATTAACTT
TCTGGTGGATGCGGCGACGACGCTTCTGATTTTCACTTAGATTACTACAGTAGGTACAGCACATTATCACAATATTGTTTTAATAAACCATATAATTA
AAAGCGCTCCAGCCAAAACCTCATATCTGATATAATCGCCCTGCATGACCATCATACCAAAGTTTAAATATAAATTAATGTCTTCCCTCAAAAAACA
CACTACCCACATACATGATCTCTTTGGCATGTGCATATTACAATTTGTCTGATCCATGGACAACGTTGGTTAATCATGCAACCCCAATATAACCTT
CCGGAACCACTGCAACACCGCTCCCCAGCCATGCAATGAAGTGAACCTGCTGATTACAATGACAATGAAGAACCCAAATCTCTCGACCATGA
ATCACTTGAGACTGAAAAATATCTATAGTAGCACACAACAAAGACATAAATGCATGCACTTCTCTCATAAATTTTAACTCCTCTGGATTAAAAACATAT
CCCAAGGAATGGAAACTCTTGCAAGACAGTAAAGCTGGCAGAACAAAGGAAGACCAGAACACAACCTTACACTATGCATAGTCATAGTATCACAATC
TGGCAACAGCGGGTGTCTCAGTCATAGAAGCTCGGGTTTCATTTTCTCACATCGTGGTAAATGGGCTCTGGTGAAGGTGATGTCTGGCGCAT
GATGTGGAGCGTGCGGCAACCTTGTCTATAATGGAGTTGCTTCTGACATCTCGTATTTTGTATAGCAAAACGCTGCCCTGGCACAAACACACTCTT
CTTCGCTCTTATCCTGCGGCTTAGTGTGTTCCGCTGTGATAATTCAAGTACAGCCACACTCTTAAGTTGGTCAAAAGAAATGCTGGCTTCAGTTGTAA
TCAAAACTCCATCATATTTAATTGTTCTAAGGAATCATCCACGGTAGCATATGCAAAATCCCAACCAAGCAATGCAACTGGATTGCGTTTCAAGCAG
CAGAGGAGGGGAAGAGACGGAAGATCATGTTAATTTTATCCAAACGATCTCGCAGTACTTCAAAATTTAGATCGGCGAGATGGCATCTATCGC
CCCCACTGTGTTGGTGAAAAGCACAGCTAAATCAAAAGAAATGCGATTTTCAAGGTGCTCAACGGTGCTTCCAACAAGCCTCCACGCGCACATC
CAAAAACAAAAGAAATACCAAAAGAGGAGCATTTTCTAACTCCTCAAAACATCATATTACATTCCTGCACCATTCACAGATAATTTTTCAGCTTTCCAG
CCTTGAATATTTCGTGTGAGTTCTTGTGGTAAATCCAAACCCACACATTACAACAGGTCCCGGAGGGCGCCCTCCACCCACCATCTTAAACACACCCC
TCATAATGACAAAAATATCTTGTCTGTGTCACCTGTAGCAAAATTAAGAAATGGCATCATCAATTGACATGCCCTTGGCTCTAAGTTCTTCTCTAAGT
TCTAGTTGTAGATACTCTCTCATATTATCACCAAACTGCTTAGCCAGAAGCCCCCGGGAACCAATAGCAGGGGACGCTACAGTGCAGTACAAGCGCA
GACCTCCCCAATTGGCTCCAGCAAAAACAAGATTAGAATAAGCATACTGGGAACCAACCAAGTAAATCATCAAAAGTTGCTGGAAAATATAATCAGGCAG
AGTTTCTTGTAATAATTGAATAAAGAAAAATTTCCAAAGAAACATTCAAAACCGTTGGGATGCAAAATACAAATAGGTACCGCGCTGGGCTCCAAC
ATTGTTAGTTTGAATTAGTCTGCAAAAATAAAGAAACAAGCGTCATATCATAGTACCTGTGCAACAGGTGGAANAATCAGTCTTCCATCACAAG
ACAAGCCACAGGGTCTCCAGCTCGACCCCTCGTAAACCTGTCAATTGTGATTAAACAACAGCACCGAAAGTTCTCGCGTGGCCAGCATGAATAATT

Fig. 17, cont'd

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MTKRVRLSDSFNPVYVEDESTSQHPFINPGFISPNGFTQSPDGVLT
LKCLTPLTTTGGSLQLKVGGGLTVDDTDLQENIRATAPITKNNH
SVEL
SIGNGLETONNKLCAKLGNGLKFNNGDICKDSINTLWTGINPP
NCQIVENTNTDGLTLVLVKNGLLVNGVSLVGVSDTVNMFTTQK
TANIQL
RLYFDSSGNLLTEESDLKIPLKNKSSSTATSETVASSKAFMP
STTAYPFNTTTRDSENYIHGICYMTSYDRSLFPLNISIMLNSR
MISSNVAYAIQF
EWNLNASESPESNIATLTTSPFFFSYITEDDN

CATCATCAATAATATACCTTATAGATGGAAATGGTGCCAAATATGATAATGAGGTGATTTTAAAAAGTGTGGGCCGTGTGGTGATTTGGCTGTGGGGTTATACCGTTAAAAGGGCGCGCGCGCGGTGGGAAAATGACGTTTATGGGGTGGAGTTTTTGCAGTTGTGCGGGGAAATGTTACGCATAAAAAAGGC TTCTTTTCTACGGAACTACTTAGTTTTCCACCGGTATTTAACAGGAAATGAGGTAGTTTTGACCGGATGCAAGTGAAAAATGCTGATTTTCGCGCGG AAAAACTGAATGAGGAAGTGTTTTTCTGAATAATGTGGTATTTATGGCAGGGTGGAGTATTTGTTCCAGGGCCAGGTAGACTTTTGACCCATTACGTGGAA GGGTTTCGATTACCGTGTTTTTTACCTGAATTTCCGCGTACCGTGTCAAAGTCTTCTGTTTTTACGTAGGTGTGAGTGCATGCTAGGGTATTTTATAC CTACAGGGTTTGTCTAAGAGGCCACTCTTGAGTGCCAGCGAGAAGATTTTCTCCTCTGCGCCGGCAGTTTAAATAATAAAAAAATGAGAGATTTGCGG ATTTCTGCCTCAGGAAATAATCTCTGCTGAGACTGGAAATGAAATATTGGAGCTTGTGTGCACGCCCTGATGGGAGACCGATCCGGAGCCACCTGTG CAGCTTTTTGAGCCTCCTACGCTTCAGGAACTGTATGATTTAGAGGTAGAGGGATCGGAGGATTTCAATGAGGAAGCTGTGAATGGCTTTTTTACCGG ATTCTATGCTTTTAGCTGCTAAATGAAGGATTAGAATTAGATCCGCCTTTGGACACTTTCAATACTCCAGGGGTGATTTGTGGAAAGCGGTACAGGTGT AAGAAAAATTACCTGATTTGAGTCCGTGGACTGTGATTTGCACGTGCTATGAAGACGGGTTCCTCCGAGTGATGAGGAGGACCATGAAAAGGAGCAG TCCATGCAGACTGCAGGGGTGAGGAGTGAAGGCTGCCAATGTTGGTTTTCAGTTGGATTGCCCGGAGCTTCCTGGACATGGCTGTAAGTCTTTGTG AATTTTCACAGGAAAAAATACTGGAGTAAAGGAACTGTTATGTTCCGCTTTGTTATATGAGAACGCACCTGCCACTTTATTTACAGTAAGTGTGTTTAAGT TAAAAATTTAAGGAATATGCTGTTTTTACATGTATATTGAGTGTGAGTTTTTGTCCTCTTATTATAGGTCTGTGTCTGATGCTGATGAATCACCA TCTCCTGATTTCTACTACCTCACCTCCTGATATTCAAGCACCTGTTCTCTGTGGACGTGCGCAAGCCCATTCCTGTGAAGCTTAAAGCCTGGGAAACGTC

Fig. 17, cont'd

CAGCAGTGGAGAAACTTGAGGACTTGTTACAGGGTGGGACGGACCTTTGGACTTGAGTACACGGAAACGTCCAAGACAAATAAGTGTTCATATCCG
TGTTTACTTAAGGTGACGTCAATATTTGTGTGAGAGTCAATGTATAAAATATGTTAACTGTTTCACTGTTTTTATGCTTTTTGGCGGGGACT
CAGGTATATAAGTAGAAGCAGACCTGTGTGGTTAGCTCATAGGAGCTGGCTTTTCATCCATGGAGGTTTGGGCCATTTTGGAAAGACCTTAGGAAGACT
AGGCAACTGTTAGAGAGCGCTTCGGACGGAGTCTCCGGTTTTTGGAGATTCTGGTTCGCTAGTGAATTAGCTAGGTTAGTTTTTAGGATAAAACAGG
ACTATAACAAGAAATTTGAAAAGTTGTTGGTAGATTGCCCAGGACTTTTTGAAGCTCTTAATTTGGCCATCAGGTTCACTTTAAAGAAAAAGTTTT
ATCAGTTTTAGACTTTTCAACCCAGGTAGAACTGCTGCTGCTGGCTTTTCTTACTTTTTATATTAGATAAATGGATCCCGCAGACTCATTTTCAGC
AGGGGATACGTTTTGGATTTTCATAGCCACAGCATTGTGGAGAACATGGAAGGTTTCGCAAGATGAGGACAATCTTAGGTTACTGGCCAGTGCAGCCTT
TGGGTGTAGCGGGAATCCTGAGGCATCCACCGGTCTGCCAGCGGTTCTGGAGGAGAACAGCAAGAGGACAACCCGAGAGCCGGCTGGACCCCTCC
AGTGGAGGAGCGGAGTAGCTGACTTGCTCTCTGAACGCAACGGGTGCTTACTGGATCTACGTCCACTGGACGGGATAGGGGCGTTAAGAGGGAGA
GGGCATCCAGTGGTACTGATGCTAGATCTGAGTTGGCTTTAAGTTTAATGAGTCGCAGACGTCCTGAAAACCATTTGGTGGCATGAGGTTTCAGAAAGA

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Fig. 17, cont'd

GGGAGGGGATGAAGTTTCTGTATTGCAGGAGAAATATTCACGTGAACAGGTGAAACATGTTGGTTGGAGCCAGAGGATGATTGGGCGGTGGCCATT
 AAAAATTATGCCAAGATAGCTTTGAGGCTGATAAACAGTATAAGATCAGTAGACGGATTAAATATCCGGAATGCTTGTACATACTGGAATGGG
 CTGAGGTGGTAATAGATACTCAAGACAAGACAGTTATTAGATGCTGCATGATGGATATGTGGCTGGAGTAGTCGGTATGGAAGCAGTCACITTTGT
 AAATGTTAAGTTTAGGGGAGATGTTATAATAGGAATAGTGTATTGCGCAATACCAACTTATATGTCATGGTTGTAGCTTTTTTGGTTTCAACAAT
 ACCTGTGTAGATGCTGGGACAGGTTAGTGTACGGGGGTAGTTTCTATGCGTGTGGATTGCCACAGCTGGCAGAACCAAGAGTCAATTGTCCTC
 TGAAGAAATGCATATTTCCAAAGATGTAACTGGGCATTTCTGAATGAAGGCGAAGCAAGGTCCTGCTGCTTACAGATACCTGATGTTTAT
 TTTAATTAGGGAATGCCAGCGTAAAGCATAAATGATTGTGGTCTCCGATGAGAGGCTTATCAATGCTCACCTTGTGCTGGTGGCATTGT
 AATATGCTGGCTACTGTGCATATTGTTTCCCATCAACGCAAAAAATGGCCTGTTTGTATCACAATGTGTGACCAAGTGCACCATGCATGCAGGTG
 GCGTAGAGGAATGTTTATGCCTTACCAGTGAACATGAATCATGTGAAAGTGTGTGGAACCCAGATGCCCTTTCCAGAATGAGCCTAACAGGAAT
 CTTTGACATGAACACGCAAACTCTGGAAGATCCTGAGGTATGATACGAGATCGAGGTGCGCGCATGCGAATGCGGAGGCAAGCATGCCAGGTTT
 CAGCCGGTGTGTAGATGTGACCGAAGATCTCAGACCGGATCATTTGGTTATTGCCCGCACTGGAGCAGAGTTCGGATCCAGTGGAGAAAGAACTG
 ACTAAGGTGAGTATTGGGAAACCTTTGGGGTGGGATTTTCAGATGGACAGATTGAGTAAAAATTTGTTTTCTGCTTGCAGCTGACATGAGTGA
 AATGCTCTTTAAGGGGGAGTCTTCAGCCCTTATCTGACAGGGCGTCTCCCATCTGCGCAGGAGTTCGTGAGAAATGTTATGGGATCTACTGTGG
 ATGGAAGACCCGTTCAACCCGCCAATCTTCAACGCTGACCTATGCTACTTAAAGTTCTTCACTTTGGACGCAGCTGCAGCCGCTGCCGCCGCTC
 TGTGCGCGCTAACACTGTGCTTGGAAATGGGTACTATGGAAGCATCGTGGCTAATTCACCTTCTCTAATAACCCCTTCTACACTGACTCAGGACAAG
 TTACTTGTCTTTTGGCCAGCTGGAGGCTTGACCCACGCTGGGTGAACCTTCTCAGCAGGTGGCCGAGTTCGAGTACAAACTGAGTCTGCTG
 TCGGCACGGCAAGTCTAAATAAAAAATTCAGAAATCAATGAATAAATAACGAGCTTGTGATTAAATCAAGTGTTTTATTTCATTT
 TCGGCACGGTATGCCCTGGACCAACGATCTCGATCATTGAGAACTCGGTGGATTTTCCAGAACTCTATAGAGGTGGGATTGAATGTTTAGATAC
 ATGGGCATTAGGCCGCTTTGGGGTGGAGATAGCTCCATTGAAGGGATTCTGCTCGGGGTAGTGTGTAATCAACCAAGTCAACCAAGTTCGCA
 GTGCATGGTGTGCACAATATCTTTAGAAGTAGGCTGATGCCACAGATAAGCCCTTGGTGTAGGTGTTTACAACCCGTTGAGCTGGGAGGGGTG
 CATTGAGGTGAAATTAATGTGCAATTTGGATTTGATTTTAAAGTTGGCAATATGCCGCCAAGATCCCGTCTGGGTTTATGAAAGGACTACC
 AAGACGGTGTATCCGGTACATTTAGGAAATTTATCGTGCAGCTTGGATGGAAGCGTGGAAAAATTTGGAGACACCTTGTGTCTCCGAGATTTT
 CCATGCACTCATCATGATAATAGCAATGGGGCGGTGGGCAGCGGCGGGCAACACAGTTCCTGGTCTGACACATCATAGTTATGTTCTCTGAGT
 TAAATCATCAAGCCATTTAATGAATTTGGGGCGGAGCTACAGATTGGGTATGAATGTTCTTCCGGCCCCGGAGCATAGTTCCTCTCACAG
 ATTTGCAATTTCCCAAGCTTTCAGTCTGAGGTGGAATCATGTCCACCTGGGGGCTATGAAGAACACCGTTTCGGGGCGGGGTGATTAGTTGGG
 ATGATAGCAAGTTTCTGAGCAATTTGAGATTTGCCACATCCGGTGGGGCCATAAATAATTCGATTACAGGTTGCAGGTGTTAGGGAACGGCA
 ACTGCCGCTTCTCGAAGCAAGGGGCCACCTCGTTTCATCATTTCCCTTACATGCATATTTCCCGCACCAAAATCCATTAGGAGGCGCTCTCTCCT
 AGTGATAGAAGTCTTGTAGTGAGGAAAAATTTTTCAGCGGTTTAGACCGTCAGCCATGGGCATTTTGGAAAGAGTTTGTCTGCAAAAGTTCTAGTC
 TGTTCACAGTTTTCAGTGTGTTCTATGGCATCTCGATCCAGCAGACCTCTCGTTTCGCGGGTTTGGACGGCTCCTGGAGTAGGATATGAGACGA
 TGGGCGTCCAGCGCTGCCAGGGTTCCGTCCTTCCAGGGTCTCAGTGTTCGAGTCAGGTTGTTTCCGTACAGTGAAGGGGTGTGCGCCTGCTTGGG

Fig. 17, cont'd

CGCTTGCCAGGGTGGCTTCAGACTCATTCTGCTGGTGGAGAACTTCTGTGCTTGGCGCCCTGTATGTGCGCCAAGTAGCAGTTTACCATGAGTTTC
GTAGTTAGCGCCTCGGCTGCGTGGCCTTTGGCGCGAGCTTACCTTTTGAAGTTTCTTGCCATACCGGCGAGTATAGGCATTTTCAGCGCATACAGC
TTGGCGCAAGGAAATGGATTCTGGGAGATATGCATCCGCGCCGAGGCGCAACAGTTTCACATTCACCAGCCAGGTTAAATCCGGTTTCAT
TGGGTCAAAAACAAGTTTCCGCCATATTTTGTATGCGTTTCTTACCTTTGGTCTCCATAAGTTCTGTGCTCCTCGTTGAGTGACAAACAGGCTGTCTC
CGTATCTCCGTAGACTGATTTTACAGGCCCTCTTCCAGTGGAGTGCCCTCGGTCTTCTTCGTACAGGAACTCTGACCACTCTGTATACAAAGGCGCGC
GTCCAGGCCAGCACAAAGGAGGCTATGTGGGAGGGTAGCGATCGTTGTCAACCAGGGGTCCACCTTTTCCAAAGTATGCAACACATGTACACCT
CTTCAACATCCAGGAATGTGATTGGCTTGTAGGTATTTACGTGACCTGGGTCCCGCTGGGGGTATAAAAGGGGGGTTCTTTGCTCTTC
CTCACTGTCTTCCGGATCGCTGTCCAGGAACGTCACTGTGGGTAGGTATTCCTCTCGAAGGCGGGCATGACCTCTGCACTCAGGTTGTCAAGTT
TCTAAGAACGAGGAGGATTTGATATTGACAGTGCCGGTTGAGATGCCTTTCATGAGTTTTCGTCCATTGGTCAGAAAACACAATTTTTTTATTGT
CAAGTTTGGTGGCAATGATCCATACAGGGCGTTGGATAAAAGTTTGGCAATGGATCGCATGGTTGGTTCTTTCTTGTCGCGCGCTCTTTGGC
GGCATGTTGAGTTGGACATACCTCGCTGCCAGGCACTTCCATTCCGGGAAGATAGTTGTTAATTCATCTGGCACGATTTCTCACTTGCCACCCCTCGA
TTATGCAAGGTAAATTAAATCCACACTGGTGGCCACCTCGCCTCGAAAGGGTTCAATGGTCCAACAGAGCCTACCTCTCTTCTAGAACAGAAAGGG
GAAGTGGTCTAGCATAAAGTTTCATCGGGAGGGTCTGCATCCATGGTAAAGATTCGCGGAAGTAAATCCTTATCAAAATAGCTGATGGGAGTGGGTC
ATCTAAGGCCATTTGCCATTTCTGAGCTGCCAGTGCGCGCTCATATGGTTAAGGGACTGCCCCAGGGCATGGATGGTGAGAGCAGAGGCATACN
ATGCCACAGATGTCATAGACGTAGATGGATCCTCAAAGATGCCTATGTAGTTGGATAGCATCGCCCCCTCTGATACCTTGCTCGCACATAGTCAT
ATAGTTTCATGTGATGGCGTAGCAGCCCCGACCCCAAGTTGGTGGATTGGGTTTCTGTTCTGTAGACGATCTGGCGAAAGATGGCGTGAGAAATT
GGAAGAGATGGTGGTCTTTGAAAAATGTTGAAATGGGCATGAGGTAGACCTACAGAGTCTCTGACAAAGTGGGCATAAGATTTCTTGAAGCTTGGTT
ACCAGTTCCGGCGTGACAAGTACGTCTAGGGCGCAGTAGTCAAGTTTCTTGAATGATGTCATAACCTGGTTGGTTTTTCTTTTCCCACAGTTCCG
GGTTGAGAAGGTATTTCTTCGCGATCCTTCAGTACTCTTACGCGAAACCCGCTTTTGCTCTGCACGTAAGATCCTAGCATGTAGAACTGATTAAAC
TGCTTTGTAAGGGCAGCAGCCCTTCTCTACGGGTAGAGAGTATGCTTGAGCAGCTTTTCGTAGCGAAGCTGAGTAAGGGCAAGGTGTCTCTGACC
ATGACTTTGAGAAATTGGTATTTGAAGTCCATGTCTGTCACAGGCTCCCTGTTCACAGAGTTGGAAGTCTACCCGTTTCTTGAGGGGGTTGGGCA
AAGCGAAAGTAACATCATTTGAAGAGAACTTACCGGCTCTGGCATAAATTCGAGTGTATGCGGAAAGGCTGTGTTACTTCCGCTCGATTGTTGAT
CACCTGGGCAGCTAGGACGATTTGTCGAAACCGTTGATGTTGTCTACGATGTATAATTCTATGAAACGCGGCGTGCCTCTGACGTGAGGTAGC
TTACTGAGCTCATCAAAGTTAGGCTGTGGGTCAGATAAGGCGTAGTGTTCGAGAGCCCATTCGTGACGGTGAAGATTTGTCATGTAGGAATGATG
ACCAAAGATCTACCGCCAGTGTGTTGTAACTGGTCCCGTACTGACGAAATGCGCGGCAATGCCATTTTCTGGAGTGACACAGTAGAAGGT
TCTGGGCTCTGTGGCATCGATCCCACTTGAGTTTAAATGGCTAGATCGTGGGCAATGTTGACGAGACGCTCTCTCCTGAGAGTTTCATGACCAGC
ATGAAAGGAACCTAGTTGTTTGCACAAAGGATCCCATCCAGGTGTAAGTTTCCACATCGTAGGTGAGGAAGTCTTCTGTGCGAGGATGAGAGCCGA
TCGGGAAGAACTGGATTTCTGCCACCACTGGAGGATTGGCTGTTGATGTGATGGAAGTAGAAGTTTCTGCGGCGCGCCGAGCATTCGTGTTTGTG
CTTGTACAGACGGCGCAGTAGTCGCAGCGTTGCACGGGTTGTATCTCGTGAATGAGCTGTACCTGGCTTCCCTTGACGAGAAAAATTCAGTGGGAAG

Fig. 17, cont'd

CCGAGGCCCTGGCGATTGTATCTCGTGCTCTCTATATTGCTGTATCGGCCCTGTTTCATCTTCTGTTTCGATGGTGGTCATGCTGACGAGCCCCCGCG
GGAGGCAAGTCCAGACCTCGGCGCGGAGGGCGGAGCTGAAGACGAGCGCGAGGCTGGAGCTGTCCAGAGTCTTGAGACGCTGCGGACTCAG
GTTAGTAGGTAGGACAGAAGATTAACTTGCAATGATCTTTCCAGGGCGTGGGAGGTTTCAGATGGTACTTGAATTTCCACAGGTTGTTTGTAGAG
ACGTCAATGGCTTGCAAGGTTCCGTGTCTTTGGCGCCACTACCGTACCTTTGTTTTTCTTTTGATCGGTGGTGGCTCTCTTGTCTTTCATGCTGC
TCAGAAGCGGTGACGGGACGCGCGCGGGCGGAGCGGTTGTTCCGGACCGGGGCGCATGGCTGGTAGTGGCACGTGCGGCGCGCGCACGGGCAGG
TTCTGGTATTGCGCTCTGAGAAGACTTGCGTGCGCCACCAACGCGTCGATTGACGCTTGTATCTGACGCTCTGCGGTGAAAGCTACGGCCCCGTGA
GCTTGAAACCTGAAAGAGAGTTCAACAGAAATCAATTTCCGTATCGTTAACGGCAGCTTGCTCAGTATTTCTTGTACGTACCAAGAGTTGCTCTGGTA
GGCGATCTCCGCCATGAACGTCTCGATTTCTTCCCTGAAGATCTCCGCGACCCGCTCTTTTCGACGGTGGCCGCGAGGTCATTGGAGATACGGCCC
ATGAGTTGGGAGAAATGCATTGATGCCCGCTCGTTCCAGACGCGGCTGTAAACCAACGGCCCCCTCGGAGTCTCTGCGGCGCATCACCACTGAGCGA
GGTTAAGCTCCACGTGCTGTTGGAAGACCGCATAGTTGCATAGGCGCTGAAAAAGGTAGTTGAGTGTGGTGGCAATGTGTTCCGGCGACGAAGAAATA

Fig. 17, cont'd

Fig. 17, cont'd

GCCATGCAACGTATCATGGCGTTGACGACTCGCAACCCCGAAGCCTTTAGACAGCAACCCAGGCCAACCGTCTATCGGCCATCATGGAAGCTGTAG
TGCTTCCCGATCTAATCCCACTCATGAGAAGGTCTTGGCCATCGTGAACGCGTTGGTGGAGAACAAAGCTATTCGTCCAGATGAGGCCGGACTGGT
ATACAACGCTCTCTTAGAACGCGTGGCTCGCTACAACAGTAGCAATGTGCAAAACCAATTTGGACCGTATGATAACAGATGTACGCGAAGCCGTGTCT
CAGCGCAAGGTTCCAGCGTGATGCCAACCTGGGTTCCGTGGTAAATGCTTCTTGAGTACTCAGCCTGCTAATGTGCCGCGTGGTCAAC
AGGATTATACTAACTTTTAAAGTGCTTTGAGACTGATGGTATCAGAAGTACCTCAGAGCGAAGTGTATCAGTCCGGTCTCTGATTACTTCTTTCCAGAC
TAGCAGACAGGGCTTGACAGCGGTAAATCTGAGCCAAAGCTTTTAAAAACCTTAAAGGTTTGTGGGAGTGCATGCCCCGGTAGGAGAAAGAGCAACC
GTGCTAGCTTGTAACTCCGAACCTCCCGCTGTATTACTGTGGTAGCTCTTTCACCGACAGCGGTAGCATCGACCGTAAATTCCTATTTGGGTT
ACCTACTAAACCTGTATCGCGAAGCCATAGGGCAAGTCAGGTGGACGAGCAGACCTATCAAGAAATACCCAAGTCAGTCGCGCTTTGGGACAGGA
AGACACTGGCAGTTTGGAAAGCCACTCTGAACTTCTTGCTTACCAATCGGTCTCAAAAGATCCCTCCTCAATATGCTCTTACTGCGGAGGAGGAGAGG
ATCCTTAGATATGTGCAGCAGAGCGTGGGATTGTTCTGATGCAAGAGGGGGCAACTCCGACTGCAGCACTGGACATGACAGCGCGAAATATGGAGC
CCAGCATGTATGCCAGTAACCGACCTTTCATTAAACAACTGCTGGACTACTTGACAGAGCTGCCGTATGAACCTCTGATTATTCACCAATGCCAT
CTTAAACCCGCAC TGCTGCCCCACCTGGTTCTACACGGGCGAAATATGACATGCCGACCCCTAATGACGGATTCTGTGGGACGACGTGGACAGC
GATGTTTTTTCACCTCTTCTGATCATCGCACGTGGAAGGAGCGGTGATAGAAATGCAATCTTCTGCACTCGCTGTCCGGGTCTATGGGTGCTA
CCGCGGTGAGCCGAGTCTGCAAGTCTTTCCTAGTCTACCTTTTCTACACAGTGTACGTAGCAGCAAGTGGGTAGAAATAGTCGCCCGAGCT
TTTAAATGGCGAAGAGGAGTACCTAAACGATTCTTCTGCTCAGACCGCAAGAGAAATAATTTCCAAACAATGGAATAGAAAGTTTGGTGATAAA
ATGAGTAGATGGAAGACTTATGCTCAGGATCACAGAGACGAGCCTGGGATCATGGGACTACAAGTAGAGCGAGCCGTAGACGCCAGCGCCATGACA
GACAGAGGGTCTTGTGTGGACGATGAGGATTCCGGCCGATGATAGCAGCGTGTGGACTTGGTGGGAGAGGAAGGGCAACCCGTTTGCTCATTT
GGCCCTCGCTGGGTGGTATGTTGTGAAAAAATAAAAAAGAAAACTCACAAGGCCATGGCAGCAGCGTACGTTCTCTTTTATTATCT
GTGCTAGTATAATGAGGCGAGTCGTCTAGCGGAGCGGTGGTGATCCGGAGGGTCCCTCCTCCTCGTACGAGAGCGTGATGCAGCAGCAGCAGG
CGACGGCGGTGATGCAATCCCACTGGAGGCTCCCTTTGTGCTCCGCGATACCTGGCACCTACGGAGGGCAGAAACAGCATTCGTTACTCGGAAC
GGCACCTCAGTACGATACCAACAGGTTGTA TCTGGTGGACAACAAGTCGGCGGACATTGCTTCTGAACTATCAGAAATGACCACAGCAACTTCTTG
ACCACGGTGGTGCAGAACATGACTTTACCCCTACGGAAGCCAGCACCCAGACCATTAACITTTGATGAACGATCGCGGTGGGCGGTGAGCTAAAGA
CCATCATGCATACATAACATGCCAAACGTGAACGAGTATATGTTTAGTAACAAGTTCAAGCGCGTGTGATGGTGTCCAGAAAACCTCCCGACGGTGC
TGCAGTTGGGGTACTTATGATCACAAGCAGGATATTTTGGAAATATGAGTGGTTTCGAGTTTACTTTGCCAGAAGGCAACTTTTCAGTTACTATGACT
ATTGATTTGATGAACAATGCCATCATAGATAATTACTTGAAGTGGGTAGACAGAAATGGAGTGTGAAAGTGACATGGTGTAAAGTTCGACACCA
GGAACCTCAAGCTGGGATGGGATCCGGAACCAAGTTGATCATGCCCTGGAGTGATACGTATGAAGCCTTCCATCCTGACATTGCTTACTGCCTGG
CTCGGAGTGGATTTTACCGAGAGTCGTTTGAGCAACCTTCTTGGTATCAGAAAAAACACAGCCATTTCAAGAGGGTTTTAAGATTTTGTATGAAGAT
TTAGAAGGTGGTAAATATTCGGGCCCTCTTGGATGTAGATGCCCTATGAGAACAGTAAGAAAGAACAAAAAGCCAAAATAGAAGCTGTACAGCTGCTG
CAGAAGCTAAGGCAACATAGTTGCCAGCGACTCTACAAGGGTTGCTAACGCTGGAGAGGTGAGAGGAGACAAATTTTGGGCCAACACCTGTTCCGAC

Fig. 17, cont'd

TGCAGAATCATTATTGGCCGATGTGTCTGAAGGAACGGACGTGAACCTCACTATTCAACCTGTAGAAAAAGATAGTAAGATAGAAGCTATAATGTG
TTGGAAGACAAAAATCAACACAGCCTATCGCAGTTGGTATCTTCGTACAATTATGGCGATCCGAAAAAGGAGTGGTTCCCTGGACATTGCTCACCA
CCTCAGATGTCACCTGCGGAGCAGAGCAGGTTTACTGGTCGCTCCAGACATGATGAAGGATCCTGTCACTTTCCGCTCCACTAGACAAGTCAGTAA
CTACCCTGTGGTGGTGCAGAGCTTATGCCCGTCTTCTCAAAGAGCTTCTACAACGAACAAGCTGTGTACTCCAGCAGCTCCGCCAGTCCACCTCG
CTTACGCACGTCTTCAACCGCTTTCCTGAGAACAGATTTTAAATCCGTCCGCCGGGCCACCATTACCACCGTCAGTGAAAAACGTTCCCTGCTCTCA
CAGATCACGGGACCCGCGGTGCGCAGCAGTATCCGGGGAGTCCAACGTGTGACCGTTACTGACGCCAGACGCCGACCTGTCCCTACGTGTACAA
GGCACTGGGCATAGTCGCACCGCGTCTTCAAGCCGCACTTCTAAAAAAAATAATGTCCATTCTTATCTGCCCAAGTAATAACACCGGTTGG
GGTCTGCCGCGCTCCAAGCAAGATGTACGGAGGCGCACGCAACGTTCTACCCAACATCCCGTGGTGTTCGCGGACATTTTCGCGCTCCATGGGGTG
CCCTCAAGGGCGGCACTCGCGTTCGAACCAACCGTCGATGATGTAATCGATCAGGTGGTTGCCGACGCCCGTAATTATCTCCTACTGCGCTACATC
TACTGTGGATGCAGTTATTGACAGTGTAGTGGCTGACGCTCGCAACTATGTCTCGACGTAAGAGCCGGCGAAGGCGCATTGCCAGACGCCACCGAGCT

Fig. 17, cont'd

ACCACTGCCATGCGAGCCGCAAGAGCTCTGTACGAAGAGCTAGACGCGTGGGGCGAAGAGCCATGCTTAGGGCGGGCCAGACGTGCAGCTTCGGGGCG
 CCAGCGCGGAGTCCCGCAGGCAAGCAGCCGTGTGCGAGCGGCGACTATTGCCGACATGGCCCAATCGCGAAGAGGCAATGTATACTGGGTGCG
 TGACGCTGCCACCGTCAACGTGTACCCGTGCGACCCGTCGCCCTCGCACCTAGAAGATACTGAGCAGTCTCCGATGTTGTGTCCAGCGGCGAGG
 ATGTCCAAGCGCAATACAAGGAAGAAATGCTGCAGGTTATCGCACCTGAAGTCTACGGCCAACCGTTGAAGGATGAATAAAACCCGCAAAATCA
 AGCGGTTAAAAAGGACAAAAAGAGAGGAAGATGGCGATGATGGCTGGCGGAGTTTGTGCGGAGTTTGGCCACGCGGACGCGTGCAATGGCG
 TGGCGCAAGTTCGACATGTGTTGAGACCTGGAACCTTCGGTGTCTTTACACCCGCGAGCGTTCAAGCGCTACTTTTAAGCGTTCCTATGATGAG
 GTGACGGGGATGATGATATCTTGAGCAGGCGGCTGACCGATTAGCGAGTTTGCTTATGGCAAGCTAGTAGAATAACTTCCAAGGATGAGACAG
 TGTCAATACCCCTTGGATCATGGAATCCACCCCTAGTCTTAAACCGGTCACTTTGACGCAAGTGTACCCGTAACTCCGGAACAGGTGTTAAACG
 CGAAGGTGAAGATTGTATCCCACTATGCAACTGATGGTACCAACGCCAGAAGTTGGAGGACGTTTGGAGAAAGTAAAAGTGGATCCAGATATT
 CAACCTGAGGTTAAAGTGAGACCCATTAAAGCAGGTAGCGCTGGTCTGGGGGTACAACTGTAGACATTAAGATTCCCACTGAAAGTATGGAAGTGC
 AAACCTGAACCCGCAAGCCTACTGCCACCTCCACTGAAGTGCAACGGATCCATGGATGCCCATGCCATTACAACCTGACGCCGCGGTCCCACTCG
 AAGATCCCGACGAAAGTACGGTCCAGCAAGTCTGTTGATGCCCAATTATGTTGTACACCCATCTATTATTCTACTCTCTGGTACCAGGCACCTCG
 TACTATCGCAGCCGAAACAGTACCTCCCGCGGTGCGCGCAAGACACCTGCAAAATCGCAGTCTGCGGTAGACGCACAAGCAACCGACTCCCGGCG
 CCCTGGTGGGCAAGTACCGCAATGGTAGTGCAGAACCTTGACACTGCGCGGTGCCGTTACCATCGAGTATCATCATTAAATCAATGTTGCC
 GCTGCCCTCTTGAGATATGGCCCTCACTTGTGCGCTTCGCTTCCATCACTGGTTACCGAGGAAGAACTCGCGCGTAGAAGAGGGATGTTGGG
 ACGCGGAATGCGACGCTACAGCGGACGGCGTGCTATCCGCAAGCAATTGCGGGGTGTTTTTACCAGCCTTAATTCCAAATTATCGCTGCTGCAATT
 GCGCGATACCAGGCATAGCTCCGTGGCGGTTCAAGGCTCGCAACGACATGACATTGGAAAAAACAACGTATAATAAAAAAAATACAATGGACT
 CTGACACTCCTGGTCTGACTATGTTTTCTTAGAGATGGAAGACATCAATTTTCACTCTGGCTCCGCGACACGGCACGAAGCCGTACATGGGC
 ACCTGGAGCGACATCGGCACGAGCCAACCTGAACGGGGCGCCTTCAATTGGAGCAGTATCTGGAGCGGCTTAAAAATTTTGGCTCAACCATAAAA
 CATACGGGAACAAAGCTTGGAACAGCAGTACAGGACAGGCGCTTAGAAATAAATTAAGACCAGAACTTCCAACAAAAAGTAGTCGATGGGATAGC
 TTCGGGCATCAATGGAGTGGTAGATTTGGCTAACGAGGTGTGCAGAAAAAGATAAACAGTCTGTTGGACCCGCGCCAGCAACCCAGGTGAAATG
 CAAGTGGAGGAAGAAATTCCTCCGCCAGAAAAACGAGGCGACAAGGTCGCGTCCGATTGGAAGAGACGCTGGTGACGCGCGTAGATGAACCCGC
 CTTCTTATGAGGAAGCAACGAAGCTTGGAATGCCCACTAGACCGATAGCCCCCAATGGCCACCGGGGTGATGAAACCTTCTCAGTTGCATCGACC
 CGTCACCTTGGATTGGCCCCCTCCCGCTGCTACTGCTGCTACCCGCTTCTAAGCCTGTGCTGCCCGGAAACCCAGTCGCCGTAGCCAGGTACAGT
 CCCGGGGCGCTCCTCGTCCAAATGCGCACTGGCAAAATCTCTGAACAGCATCGTGGGTCTAGCGGTGCAAAAGTGAACGCGCTCGCTGCTTTT
 AATTAAATATGGAGTAGCGCTTAACCTTGCTATCTGTGTATATGTGTCATTACACGCGCTCACAGCAGCAGAGGAAAAAAGGAAGAGGTCGTGCGTC
 GACGCTGAGTTACTTTCAAGATGGCCACCCCATCGATGCTGCCCCCAATGGGCATACATGCACATCGCCGGACAGGATGCTTCGGAGTACCTGAGTCC
 GGGTCTGGTGAGTTCGCCCGCGCCACAGACACCTACTTCAATCTGGGAAATAAGTTAGAAATCCCACCGTAGCCCGACCCACGATGTGACCACC
 GACCGTAGCCAGCGCTCATGTTGGCTTCGTGCCGTTGACCGGGAGGACAAATACATACTCTTACAAAGTGGGTACACCTGGCCGTGGGCGACA
 ACAGAGTGTGGATATGGCCAGCACGTTCTTTGACATTAGGGGCGTGTGGACAGAGTCCAGTTTCAAACCTATTCTGTTACGGCTTACAACCTC

Fig. 17, cont'd

TCTGGCTCCTAAAGCGCTCCAAATGCATCTCAATGGATTGCAAAAGCGGTACCAACTGCAGCAGCCGCGAGGCAATGGTGAAGAAGAAACATGAAACA
GAGGAGAAACTGCTACTTACACTTTTGGCCAATGCTCCTGTAAAAGCCGAGGCTCAAATACAAAAGAGGGCTTACCAATAGGTTTGGAGATTTTCAG
CTGAAAACGGAATCTAAACCCATCTATGCAGATAAATTTATCAGCCAGAACCTCAAGTGGGAGATGAAACTTGGACTGACCTAGACGGGAAAAACCGA
AGAGTATGAGGCGAGGCTCTAAGCCTACTACTAACATGAAACCCGTGTTACGGTCTCTATCGGAAGCCTACTAATTTAAAGGTGGTCAGGCAAAA
CCGAAAAACTCGGAACCGTCGAGTGAAAAAATTGAATATGATATTGACATGGAAATTTTGTGATAACTCATCGCAAGAACAACACTTCAGTCTCTAAAA
TTGTCAATGTATGCAGAAAAATGTAGTTTGGAAACGCCAGACACTCATGTAGTGTACAAACCTGGAAACAGAACACAAAGTTCGGAAGCTAATTTGGG
ACACAGTCTATGCCCCACAGACCCCACTACATTTGGCTTCAGAGATAACTTTATTGGACTCATGTACTATAACAGTACTGTTAACATGCGGGTGTCTG
GCTGGTCAAGCGTCTCAGTTAAATGCAGTGGTTGACTTGCAGGACAGAAACACAGAACTTTTCTTACCAACTCTTGGTCTCTGGGCGACAGAA
CCAGATACTTTAGCATGTGGAATCAGGCTGTGGACAGTTATGATCCTGATGTACGTGTTATTGAAAAATCATGGTGTGGAAGATGAACCTCCCAACTA
TTGTTTTCCACTGGACGGCATAGGTGTTCCAAACAACCCAGTTACAATCAATAGTTCCAAATGGAGAAGATAATAATAATTGGAAGAAGAACTGAAGTA
AATGGAACAAGTGAGATCGGACAGGGTAATTTGTTGCCATGGAAATTAACCTTCAAGCCAACTCTATGGCGAAGTTTCTTTTATTCCAATGTGGCTC
TGATCTCCAGACTCGTACAAATACACCCCGTCCAAATGTCACTCTTCCAGAAAAACAACACACCTACGACTACATGAACGGGCGGGTGGTGCCGCC
ATCTCTAGTAGACACCTATGTGAACATTTGGTGCCAGGTGGTCTCTGGATGCCATGGACAATGTCAACCCATTCAACCCACCACCGTAACGCTGGCTTG
CGTTACCGATCTATGCTTCTGGTAACGGACGTTATGTGCTTTCACATACAAGTGCCCTCAAAAATTTCTTGGCTGTAAAAACCTGCTGCTTCTCC
CAGGCTCCTACACTTATGAGTGGAACTTTAGGAAGGATGTGAACATGGTTCTACAGAGTTCCCTCGGTAAACGACCTGCGGGTAGATGGCGCCAGCAT
CAGTTTACGAGCATCAACCTCTATGCTACTTTTCCCATGGCTCACAAACACCGCTTCCACCCCTTGAAGCCATGCTGCGGAATGACACCAATGAT
CAGTCATTCAACGACTACCTATCTGCAGCTAACATGCTTACCCCATTCCTGCCAATGCAACCAATATTCCCATTTCCATTCTCTCGCAACTGGG
CGGCTTTCAGAGGCTGGTCAATTTACCAGACTGAAAACCAAGAAACTCCCTCTTTGGGCTGGATTTGACCCCTACTTTGTCTATTCTGGTTCTAT
TCCCTACCTGGATGGTACCTTCTACCTGAACCCACACTTTTAAGAAGTTTCCATCATGTTTGACTCTTCACTGAGCTGGCTGGAAATGACAGGTTA
CTATCTCTAACGAAATTTGAAATAAAGCGCACTGTGGATGGCGAAGGCTACAACGTAGCCCAATGCAACATGACCAAGACTGGTCTTGGTACAGA
TGCTCGCCAACTACAACATCGGCTATCAGGGCTTCTACATTCAGAAAGGATACAAGATCGCATGTATTCTATTTTCAGAAAACCTCCAGCCCATGAG
CAGGCAGGTGGTTGATGAGGTCAATTACAAGACTTCAAGGCGGTGCCATACCCACCAACACAACTCTGGCTTTGTGGGTACATGGCTCCG
ACCATGCGCCAAGTCAACCCCTATCCCGCTAACTATCCCTATCCACTCATTGGAACAACCTGCCGTAAATAGTGTACGCAGAAAAAGTTCTTTGTGTG
ACAGAACCATGTGGCGCATACCGTTCTCGAGCAACTTTCATGTCTATGGGGGCCCTTACAGACTTGGGACAGAAATATGCTCTATGCCAACTCAGCTCA
TGCTCTGGACATGACCTTTGAGGTGGATCCCATGGATGAGCCCAACCTGCTTATCTCTCTCGAAGTTTTCGACGTGGTCAGAGTGATCAGCCA
CACCGGGCATCATCGAGGCAGTCTACCTGCGTACACCGTTCTCGGCGGTAAACGTACCACGTAAAGAGTCTTGTCTTCTTGCATAATAGCAGCTG
CAACCATGGCTGCGGATCCCAAAACGGCTCCAGCGAGCAAGAGCTCAGAGCCATTGTCCAAAGACCTGGGTTGCGGACCTATTTTTTGGGAACCTA
CGATAAGCGCTTCCCGGGTTTCATGGCCCCCGATAAGCTCGCTGTGCCATTGTAAATACGGCCGACGTGAGACGGGGGAGAGCAGCTGGTTGGCT
TTCCGTTGGAACCCACGTTCTAACACCTGCTACCTTTTTTGATCTCTCGGATGATCGTCTCAAAACAGATTTACCAGTTTGAATATGAGG

Fig. 17, cont'd

GTCTCCTGCGCCGAGCGCTCTTGCTACCAAGGACCGCTGTATTACGCTGGAAAAATCTACCCAGACCGTGCAGGGCCCCCGTTCTGCGGCTGCGG
ACTTTTCTGCTGCATGTTCTTCACGCCCTTGTGCACTGGCCTGACCGTCCCATGGACGGAAACCCACCATGAAATTGCTAACTGGAGTGCCAAAC
AACATGCTTCATTCTCCTAAAGTCCAGCCCCACCTGTGTGACAAATCAAAAAGCACTCTACCATTTTCTTAATACCCATTGCGCTTATTTTGGCTCTC
ATCGTACACACATCGAAAGGGCCACTGCGTTCGACCGTATGGATGTTCAATAATGACTCATGTAAACAACGTGTTCAATAAACATCACTTTATTTT
TTACATGTATCAAGGCTCTGGATTACTTATTTTACAAGTCGAATGGGTTCTGACGAGAAATCAGAAATGACCCGAGGCAGTGATACGTTGCGGAA
CTGATACTTGGGTGGCACTTGAAATTCGGGAATCACCACCTGGGAACCGGTATATCGGGCAGGATGTCACCTCCACAGCTTTCTGGTCAGCTGCAAA
GCTCCAAGCAGGTCAAGAGCCGAAATCTTGAAATCACAAATAGGACCAAGTCTCTGAGCGCAGAGTTGCGGTACACCGATTGCAGCACTGAAACA
CCATCAGCGACGGATGTCTCAGGCTTGCCAGCACCGGTGGGATCTGCAATCATGCCACATCCAGATCTTCAGCATTTGGCAATGCTGAACGGGTCTAT
CTTGCAAGTCTGCCCTACCCATGGCGGGCACCCAAATTAGGCTTGTGGTTGCAATCGCAGTGCAGGGGATCAGTATCATCTTGGCCTGATCCTGTCTG
ATTCCTGGATACACGGCTCTCATGAAAGCATCATATTGCTTGAAAGCCTGCTGGGCTTTACTACCCCTGGGTATAAACAATCCCGCAGGACCTGCTCG

Fig. 17, cont'd

AAACTGGTTAGCTGCACAGCCGGCATCATTCACACAGCAGCGGGCGTCATTGTTGGCTATTTGCACACACACTTCTGCCACGCGGTTTTGGGTGAT
TTTGGTTCGCTCGGATTCCTTTAAGGTCGTTGTCGGTCTCGCTGGCCACATCCATCTCGATAATCTGCTCCTTCTGAATCATATAATTGCCA
TGCAGGCACCTCAGCTTGCCTCATATCATTTGCAGCCATGAGGCCACAACGACAGCCTGTACATTCCCAATTATGGTGGCGGATCTGAGAAAAAG
AATGTATCATTTCCCTGCAGAAATCTTCCCATCATCGTGTCTAGTGCTTGTGACTAGTGAAGTTAACTGGATGCCTCGGTGCTCTTCGTTTACGTA
CTGGTGACAGATGCGCTTGATTGTTCTGTTGCTCAGGCATTAGTTTAAACAGGTTCTAAGTTTCGTTATCCAGCCTGTACTTCTCCATCAGCAGA
CACATCACTTCCATGCCTTTCTCCCAAGCAGACACACAGGGGCAAGCTAATCGGATCTTAAACAGTGCAGGCAGCAGCTCCTTTAGCCAGAGGGTCAT
CTTTAGCGATCTTCTCAATGCTTCTTTTGCCATCCTTCTCAACGATGCGCACGGCGGTAGCTGAACCCACTGCTACAAGTTGCGCTCTTCTCTCT
TTCCTTCTCGCTGCTTGACTGATGCTTGATGGGATATGTTTGGCTTCTTCTTGGGGGTATCGGAGGAGGAGACTGTCGCTC
CGTTCGGAGACAGGGAGGATTGTGACGTTTCGCTCACCATTACCAACTGACTGTGCGTAGAAGAACCTGACCCACACAGGCGACAGGTGTTTTTCT
TCGGGGCAGAGGTGGAGGCGATTGCGAAGGCTGCGGTCCGACCTGGAAGGCGGATGACTGGCAGAACCCCTTCGGGTTCCGGGGTGTGCTCCCT
GTGGCGGTGCTTAACGTGATTCTTCGCGGCTGGCCATTGTGTTCTCCTAGGCAGAGAAACACAGACATGGAAACTCAGCCATTGCTGTCAACAT
CGCCACGAGTGCCATCACATCTCGTCTCAGCGACGAGGAAAGGAGCAGAGCTTAAGCATTCACCGCCAGTCTGCCACCCTCTACCCCTAGA
AGATAAGGAGGTCGACGCATCTCATGACATGCAGAAATAAAAGCGAAAGAGTCTGAGACAGACATCGAGCAAGACCCGGGCTATGTGACACCCGGTG
GAACACGAGGAAGAGTTGAACGCTTCTAGAGAGAGAGGATGAACACTGCCCAAAACAGCGAGCAGATAACTATCACCAAGATGCTGGAATAGGG
ATCAGAACACCGACTACCTCATAGGGCTTGACGGGAAGACGCGCTCCTTAAACATCTAGCAAGACAGTGCCTCATAGTCAAGGATGCAATATTGGA
CAGAACTGAAGTGCCCATCAGTGTGGAAGAGCTCAGCTGCGCTACGAGCTTAACCTTTTTTACCTCGTACTCCCCCAAACTGAGCCAAACGCGC
ACCTGCGAGCCAAATCCTCGCTTAACCTTTATCCAGCTTTGCTGTGCCAGAGTACTGGTACCTATCACATCTTTTTTAAATACTAAAAATTC
CAGTCTCCTGCCGCTAATCGCACCCGCGCGGATGCCCTACTCAATCTGGGACCTGGTTCACGCTTACCTGATATAGCTTCTTGAAGAGGTTCC
AAAGATCTTCGAGGCTCGGCAATAATGAGACTCGGGCCGCAAAATGCTCTGCAAAAGGAGAGAAATGGCATGGATGAGCATCACAGCGTTCTGGTG
GAATTGGAAGGCGATAATGCCAGACTCGCAGTACTCAAGCGAAGCGTCGAGGTACACACTTCGCATATCCCGCTGTCAACCTGCCCTTAAAGTCA
TGACGGCGTTCATGGACCAGTTACTCATTAAGCGGCAAGTCCCTTTTTCAGAAAGACATGCATGACCCAGATGCCGTGTGATGAGGTAACCCAGTGGT
CAGTGATGAGCAGCTAACCCGATGGCTGGGCACCGACTCTCCCGGATTTGGAAGAGCGTCGCAAGCTTATGATGGCGTGGTGTGTTACCGTA
GAACTAGAGTGTCTCCGACGTTTCTTTACCGATTTCAGAAACCTTGCGCAAACTCGAAGAGAACTGCACTACACTTTTAGACACGGCTTTGTGCGGC
AGGCATGCAAGATATCTAACGTGGAACCTCACCACCTGGTTTCTACATGGGTATCTGCTAGAGATGAGAACTCGCTAGGACAAAGCGTGTGCACAGCAC
CCTTAAGGGGAAGCCCGCGTGATTACATCCGCGATTGTGCTATCTCTACCTGTGCCACACGTGGCAAAACCGGATGGGTGTATGGCAGCAATGT
TTAGAAGAACAGAACTTGAAAGAGCTTGACAAGCTCTTACAGAAATCTCTTAAGGTTCTGTGGACAGGTTTCGACGAGCGCACCGTTCGCTCCGACC
TGGCAGACCTCATCTTCCAGAGCGTCTCAGGGTTACTTTGCGAAACGGATTGCTGACTTATGAGCCAGAGCATGCTTAACAATTTTCGCTCTTT
CATCTTGAACGCTCCGGTATCCTGCCCGCCACCTGCTGGGCACCTGCCCTCCGACTTGTGCTCTCACCTACCGGAGTCCCCCGCGCTATGG
AGTCACTGCTACCTGTTCCGCTGCGCCAACTATCTCTCTACCACTCGGATGTGATCGAGGATGTGAGCGGAGACGGCTTGTGAGTGCCTGCTGCC
GCTGCAATCTGTGACGCGCCACCGGTCCCTAGCTTGCAACCCCGCAGTTGATGAGCGAAACCCAGATAATAGGCACCTTTTGAATTGCAAGGCCCCAG

Fig. 17, cont'd

CAGCCAAGGCGATGGGTCTTCTCCTGGGCAAAGTTTAAAACTGACCCCGGGACTGTGGACCTCCGCCCTACTTGGCAAGTTTGCTCCGGAAGATTAC
 CACCCCTATGAAATCAAGTTCTATAGGACCAATCACAGCCTCCAAGGCCGAACCTTCGGCTTGCCTCATCACCAGGGGCAATTCGGCCCAAT
 TGCAAGCCATCCAAAAATCCGCGCAAGAAATTTCTACTGAAAAGGGTAAGGGGTCTACCTTGACCCCGAGCCGGGAGGAACCTCAACACAAGGTT
 CCTCAGGATGTCCCAACGACGAGAAAACAAGAAGTTGAAGTGCAGCCGCCCGCCAGAAATATGGAGGAAGATTGGACAGTCAGGCAGAGGA
 GCGGAGGAGGACAGTCTGGAGGACAGTCTGGAGGAAGACAGTTTGGAGGAGGAAAACGAGGAGGCAGAGGAGTTGGAAGAAGTAACCGCCGACAAA
 CAGTTATCCTCGGCTCGGAGACAAGCAACAGCGCTACCATCTCCGCTCCGAGTCGAGGAACCCGGCGCTCCAGCAGTAGATGGGACGAGACCG
 GACGCTCCCGAACCCCAACGCGCTTCCAAGACCGGTAGAAGGATCGGCAGGATACAAGTCTTGGCGGGGCAATAAGAAATGCCATCATCTCCTG
 CTTGCATGAGTGGGGGCAACATATCCTTACGCGCGCTACTTGCTATTCACCATGGGTGAACTTTCCGCGCAATGTTTTGCATTACTACCGT
 CACCTCCACAGCCCTACTATAGCCAGCAAAATCCGACAGTCTCGACAGATAAAGACAGCGCGCGGACCTCCAACAGAAAAACCCAGCAGCGGCAGTT
 AGAAAAACACAACAAGTCAGCAACAGGAGGATTAAGATTACAGCCAACGAGCCAGCGCAACCCGAGAGTTAAGAAATCGGATCTTTCCAACCC
 TGTATGCCATCTTCCAGCAGAGTCGGGTCAAGAGCAGGAACCTGAAAATAAAAACCGATCTCTGCTTCCGTCACCAAGAGTTGTTGTATCACAA
 GAGCGAAGATCAACTTCAGCGCACCTCTGAGGACGCCGAGGCTCTCTTCAACAAGTACTGCGCGCTGACTCTTAAAGAGTAGGCAGCGACCGCGCTT
 ATTCAAAAAGGCGGAAATACATCATCTCGACATGAGTAAAGAAATTCACAGCCTTACATGTGGAGTTATCAACCCCAATGGATTGGCAGCA
 GGGGCTCCAGGACTACTCCACCGCATGAATTGGCTCAGCGCGGCTTCTATGATTTCTGAGTTAATGATATACGCGCTACCGAAACCAAA
 TACTTTTGGAACAGTCAGCTCTTACCACACGCGCCGCCAACACCTTAATCCAGAAATTTGGCCCGCGCCCTAGTGTACCAGGAAGTCCCGCTCC
 CACCACTGTATTACTTCTCGAGACGCCAGCGCGAAGTCCAAATGACTAATGCAGTGGCGAGTTAGTGGCGGCTCCACCCTATGTGTCACAGG
 CCTCGGCATAATATAAACGCTGATGATCAGAGGCCGAGGTATCCAGCTCAACGACGAGTCGGTGAGCTCTCCGCTTGGTCTACGACCGAGACGGAA
 TCTTTCAGATTGCGGCTGCGGAGATCTTCTTCAACCCCTCGTCAGGCTGTTCTGACTTTGGAAAGTTCTGCTTCGCAACCCCGCTCGGGCGGAAT
 CGGACCGTTCAATTTGTAGAGGATTTACTCCCTCTGCTACTTCAACCCCTTCTCCGATCTCCTGGGCACTACCGGACGAGTTCAACCGAAC
 TTCGACGCGATTAGCGAGTCAGTGGACGGCTACGATTGATGTCTGGTGACGCGGCTGAGCTATCTCGGCTGCGACATCTAGACCACTGCCGCCGCTT
 TCGCTGCTTTGCCCGGAACTTATTGAGTTCTACTTTCGAACTCCCCAAGGATCACCCCTCAAGGTCCGGCCCGGAGTGGGATTACTATCGAA
 GGCAAAATAGACTCTCGCCTGCAACGAAATTTCTCCAGCGGCCGCTGCTGATCGAGCGAGACCGGGAACACCCACCGTTTCCATCTACTGCAATTT
 GTAATCACCCCGGATTGCATGAAAGCCTTTGCTGCTTATGTGTACTGAGTTAATAAAACTGAATTAAGACTCTCCTACGGACTGCCGCTTCTTC
 AACCCGATTTTACAACCAAGAAACAAAACCTTTCTGTGCTCGAGGACTCTGTTAACTTCACCTTTCTTACTCACAAACTAGAAGCTCAACGACT
 ACACCGCTTTTCCAGAAGCATTTTCCCTACTAATACTACTTCAAAACCGGAGGTGAGCTCCACGGTCTCCCTACAGAAAACCCCTGGGTGGAAGCG
 GGCCTTGTAGTACTAGGAATCTTGGGGTGGCTTGTGATTATCTTTGCTACCTATACACACCTTGTCTTCACTTCTCTAGTGGTGTGTGGTATT
 GGTTTAAAAAATGGGGCCCATACTAGTCTTGTGTTTACTTTTTCGCTTTTGGAAACCGGTTCTGCCAATTACGATCCAATGTCTAGACTTTGACCCA
 GAAAACCTGCACACTTACTTTTGACCCGACACAAGCCGATCTGTGGAGTTCTTATTAAGTGGGATGGGAATGCAGGTCCGTTGAAATTACACACA
 ATAACAAAACCTGGAAACAAATACCTTATCCACCACATGGGAGCCAGGAGTCCCGAGTGGTACACTGTCTCTGTCGGAGGTCTGACGGTTCCATCCG

Fig. 17, cont'd

CATTAGTAACAACACTTTTCATTTTTCTGAAATGTGCGATCTGGCCATGTTTCATGAGCAAAACAGTATTCTCTATGGCCTCCTAGCAAGGACAACATC
GTAACGTTCTCCATTGCTTATTGCTTGCGCTTGCCCTTCTACTGCTTACTGTGCGTATGCATACACCTGCTTGTAACCACTCGCATCAAAAAACG
CCAATAACAAGAAAAATGCCCTTTCTGTTACAGACATGGCTTCTCTTACATCTCTCATATTGTGTCAGCATTTGTCACCTGCCGCTCACG
GACAAACAGTCGTCCTATCCCACTAGGACATAATTACACTCTCATAGGACCCCAATCACTTCAGAGTCATCTGGACCAAACTGGGAAGCGTTGA
TTACTTTGATATAATCTGTACAAAAACAAACCAATAATAGTAACCTTGCAACATACAAAATCTTACATTGATTAAATGTTAGCAAAAGTTTACAGCGGT
TACTATTATGGTTATGACAGATACAGTAGTCAATATAGAAATTACTTGGTTGTTACCCAGTTGAAAACCCACGAAAAATGCCAAAATATGGCAAAGA
TTCGATCCGATGACAAATTTCTAGAACTTTTACATCTCCCAACCAACCCGACGAAAAAACAATCCAGATTCAATGATTGCAATTGTTGCAGCGGT
GGCAGTGGTGATGGCACTAAATAATATGCATGCTTTTATATGCTTGTGCTACAAAAAGTTTCATCCTAAAAACAAGATCTCCTACTAAGGCTT
AACATTTAAATTTCTTTTTTATACAGCCATGGTTCCCACTACCACATTCCTTATGCTTACTAGTCTCGCAACTCTGACTTCTGCTCGCTCACACCTCAC
TGTAACATAAGGCTCAAACTGCACACTAAAAGGACCTCAAGGTGGTCATGTCCTTTTGGTGGAGAAATATATGACAAATGGATGGTTTACAAAAACCATGT

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Fig. 17, cont'd

GACCAACCTGGTAGATTTTCTGCAACGGCAGAGACCTAACCATTTATCAACGTGACAGCAAAATGACAAAGGCTTCTATTATGGAACCGACTATAAAA
 GTAGTTTAGATTATAACATTATTGTACTGCCATCTACCACTCCAGCACCCGACAACTACTTCTCTAGCAGCAGTGTGCTAACAAATACAATTTTC
 CAATCCAACCTTTGCCGCGCTTTAAACGCACTGTGAATAATTCTACAACCTCACATACAACAAATTTCCACTTCAACAATCAGCATCATCGCTGCA
 GTGACAAATTGGAAATATCTATTCTTGTTTTTACCATAACCTACTACGCTGCTGCTATAGAAAAGACAAACATAAAGGTGATCCATTACTTAGATTGG
 ATATTTAAATTTGTTCTTTTTTTTATTACAGTATGGTGAACACCAATCATGGTACCTAGAAAATTTCTTCTTCCACATACCTCATCTGTGCTTTTAAAT
 GTTTGCGCTACTTTCACAGCAGTAGCCACAGCAACCCAGACTGTATAGGAGCATTTGCTTCTATGCACCTTTTGTCTTTTGTACTTGCATCTGCG
 TATGTAGCATAGTCTGCGTGGTTATTAATTTTTTCCAACCTCTAGACTGGATCCTGTGCGAAATTGCCTACCTGCGCCACCATCCGAAATACCGCAA
 CCAAAATATCGCGCACTTCTTAGACTCATCTAAACCATGCAGGCTATACCAATATTTTTGCTTCTATTGCTTCCCTACGCTGTCTCAACCC
 AGCTGCCATAGTACTCCACAGAACACCTTAGAAAATGCAAAATCCAACAACCGTGGTCAATTTCTGCTTGCTATCGAGAAAAATCAGAAAATCCCC
 CCAATTTAATAATGATTGCTGGAATAATTAATAATCTGTGGCACCATAATTTCAATTTTGTATATACCCCTATTTGATTTTGGCTGGAATGCTC
 CCAATGCACATGATCATCCACAAGACCCAGAGGAACACATTTCCCCACAACCAATGCAACATCCAATAGCGCTAATAGATTACGAAAGTGAACCCACA
 ACCCCCACTACTCCCTGCTATTAGTTACTTCAACCTAACCGGGGAGATGACTGAACACACTCACCACTCCAATTCGCGGAGGATCTGCTCGATAT
 GGACGGCGCGCTCAGAACACGACTTGCCCAACTACGCAATCCGCCAGCAGCAAGGCGTGGCCAAAGAGCTCAGAGATGTCATCCAAATTCAC
 CAATGCAAAAAGGCATATTCTGTTTGGTAAACAGCCCAAGATATCCTACGAGTACCCGCTACTGACCATCGCCTCTCTTACGAACTTGGCCCCC
 AACGACAAAAATTTACCTGCATGTTGGGAATCAACCCCATAGTTATCACCCAAACAAAGTGGAGATACTAAGGGTTGCAATTCACCTGCTCCTGCGATTCTC
 CATCGAGTGCACCTACACCCCTGCTGAAGACCCCTATGCGGCCCTAAGAGACCTGCTACCAATGAATTAATAAAAAATGATTAATAAAAAATCACTTACT
 TGAATCAGCAATAAGGCTCTGTTGAAATTTTCTCCAGCAGCACCTCACTTCCCTCTTCCCACTCTGGTATTTCTAAACCCCGTTTCAAGCGGCATA
 CTTTCTCCATACTTTAAAGGGGATGTCAAATTTTAGCTCCTCTCCTGTACCCCAAACTTTCTTCTCCAGATGACCAAGAGAGTCCGGCT
 CAGTGACTCCTTCAACCCCTGTACCCCTATGAAGATGAAAGCACCTCCCAACACCCCTTTTATAAACCCAGGGTTTATTTCCCAAAATGGCTTCACA
 CAAAGCCCGAGCGGAGTTCTTACTTTAAAAATGTTTAAACCCCACTAAACACCCAGCGGATCTCTACAGCTAAAAAGTGGGAGGGGACTTACAGTGG
 ATGACACTGATGGTACCTTACAAGAAAAACATACGTGCTACAGCACCCATTAATAAATAATCACTCTGTAGAATAATCCATTGGAAATGGATTAGA
 AACTCAAAACAAATAAACTATGTGCCAAATTTGGGAAATGGGTTAAAAATTTAACACCGGTGACATTTGTATAAAGGATAGTATTAACACCTTATGGACT
 GGAATAAACCCCTCCACCTAACTGTCAAATTTGTGGAACACACTAATAACAAATGATGGCAAACTTACTTTAGTATTAGTAAAAAATGGAGGCTTGTTA
 ATGGCTACGTGCTCTAGTTGGTGTATCAGACACTGTGAACCAATGTTTACACAAAAAGACAGCAACATCCAAATTAAGATTATATTTGACTCTTC
 TGGAAATCTATTAACTGAGGAATCAGACTTAAAAATTCACCTTAAAAATAAATCTTCTACAGCGACCAAGTGAACCTGTAGCCAGCAGCAAGCCCTT
 ATGCCAAGTACTACAGCTTATCCCTTCAACACCCACTACTAGGGATAGTGAAAACTACATTCATGGAAATATGTTACTACATGACTAGTTATGATAGAA
 GTCATTTTCCCTTGAACATTTCTATAATGCTAAACAGCCGATGATTTCTTCCAATGTTGCCCTATGCCATACAATTTGAATGGAATCTAAATGCAAG
 TGAATCTCCAGAAAGCAACATAGCTACGCTGACCACATCCCCCTTTTCTTCTTACATTACAGAAGACGACAACTAAAAATAAGTTTAAAGTGT
 TTATTTAAAAATCACAAAAATTCGAGTAGTTATTTTGGCTCCACCTTCCCATTTGACAGAATACACCAATCTCTCCCCAGCACAGCTTTAAACATTTG
 GATACCATTAGAGATAGACATTGTTTTAGATTCCACATTCCAACAGTTTCAGAGCGAGCCCAATCTGGGGTCAGTGATAGATAAAAAATCCATCGCGA

Fig. 17, cont'd

TAGTCTTTAAAGGCGCTTTCACAGTCCAACTGCTGGGATGCGACTCCGGAGTTTGGATCACGGTCATCTGGAAGAAGAACGATGGGAATCATAATC
 CGAAAACGGTATCGGACGATTGTGCTCATCAAAACCCACAAGCAGCCGCTGCTGCGTCCGTGCGACTGCTGTTTATGGGATCAGGGTCCACA
 GTTTCCTGAAGCATGATTTAATAGCCCTTAACATCAACTTCTGGTGGATGCGCGCAGCAACGCAATCTGATTTCACTCAAAATCTTTGCAGTAGG
 TACAACACATTATTACAATAATTGTTAATAAACCAATAATTAAAGCGCTCCAGCCAAACTCATCTGATATAATCGCCCTGCATGACCATCATA
 CCAAGTTTAAATATAATAATTAATGACGTTCCCTCAAAAACACACTACCCACATACATGATCTCTTTTGGCATGTGCATATTAACAAATCTGTCTGTAC
 CATGGACAACGTTGGTTAATCATGCAACCCAATATAACCTTCGGAAACCCACACTGCCAACACCGCTCCCCAGCCATGCATTGAAGTGAACCCCTGCT
 GATTACAATGACAAATGAAGAACCCAAATCTCTCGACCGTGAATCACCTTGAGAAATGAATAATCTATAGTGGCACAACATAGACATAAATGCATGCA
 TCTTCTCATAAATTTTAACTCCTCAGGATTTAGAAACATATCCAGGGAATAGGAAGCTCTTGCAAGAACAGTAAAGCTGGCAGAACAAGGAAGACCA
 CGAACACAACTTACACTATGCATAGTCATAGTATCACAACTCTGGCAACAGCGGGTGGTCTTCAGTTCATAGAAGCTCGGGTTTCATTTTCTCACAAC
 GTGGTAACTGGGCTCTGGTGAAGGTGATGCTGGCGCATGATGTCGAGCGTGGCGCAACCTTGTCATAATGGAGTTGCTTCTCGACATTTCTCGT
 ATTTTGATAGCAAAACGGGCGCTGGCAGAACACACTCTCTCGCCTTCTATCCTGCCGCTTAGCGTGTCCGTGTGATAGTTCAAGTACAGCCA
 CACTCTTAAGTTGGTCAAAAGAAATGCTGGCTTCAGTTGTAATCAAAACTCCATCGCATCTAATTTGCTGAGGAAATCATCCACGGTAGCATATGCA
 AATCCCAACCAAGCAATGCAACTGGATTGCGTTTCAAGCAGGAGAGAGAGGGAAGAGACGGAAGAACCATGTTAATTTTATCCAAACGATCTCG
 CAGTACTTCAAAATTGTAGTCGCGCAGATGGCATCTCTCGCCCCACTGTGTGTTGTAAGAACGACAGCTAAATCAAAAGAAATGCGATTTTCAAGG
 TGCTCAACGGTGGCTTCCAAACAAGCCTCCACGCGCATCCAAGAACAAAGAAATACCAAAAGAGGAGCATTTTCTAACTCCTCAATCATCATAT
 TACATTCTCGACCATTTCCAGATAAATTTTCCAGCTTTCCAGCTTGAATTTTCTGTGTCAGTTCTTGTGTTAAATCCAAATCCACACATTACAAACAG
 GTCCCGAGGGCGCCCTCCACCACCATTTCTTAACACACCCCTCATATAATGACAAAATATCTTGCTCCTGTGTCACCTGTAGCGAATTGAGAAATGGCAA
 CATCAATTGACATGCCCTTGGCTCTAAGTTCTTCTTAAGTTCTAGTTGTAAGAACTCTCTCATATTATCACCACAACTGCTTAGCCAGAAAGCCCCC
 GGAACAAGAGCAGGGGACGCTACAGTGCAGTACAAGCGCAGACCTCCCCAATTGGCTCCAGCAAAAACAAGATTGGAAATAGCATATTGGGAACCA
 CCAGTAATATCATCGAAGTTGCTGGAAATATAATCAGGCAGAGTTTCTTGTAAGAAATTGAATAAAGAAAAAATTTGCCAAAAAACATTCAAAACCT
 CTGGGATGCAATGCAATAGTTACCGCGCTGCGCTCCAACATTGTTAGTTTGAATTAGTCTGCAAAAATAAAAAAACAAGCGTCATATCATATA
 GTAGCCTGACGAACAGGTGGATAAATCAGTCTTTCCATCACAAGACAGCCACAGGGTCTCCAGCTCGACCCCTCGTAAACCTGTCTCATCGTGATTAA
 ACAACAGCACCGAAAGTTCTCGCGGTGACCAGCATGAATAAGTCTTGATGAAGCATACAATCCAGACATGTTAGCATCAGTTAAGGAGAAAAACA
 GCCAACATAGCCTTTGGGTATAATTATGCTTAATCGTAAGTATAGCAAAAGCCACCCCTCGCGGATACAAAGTAAAAGGCACAGGAGAAATAAAAAATA
 TAATTATTTCTCTGCTGCTTTAGGCAACGTCGCCCGGTCCTCTAAATACACATACAAAGCCTCATCAGCCATGGCTTACCAGAGAAAGTACA
 GCGGGCACACAACCAAGCTCTAAGTCACTCTCCAACCTCTCCACAATATATACACAAGCCCTAACTGACGTAAATGGGACTAAAGTGTAAA
 AAATCCCGCCAAACCCAACACACACACCCGAAACTGCGTCAACGAGGAAAAAGTACAGTTTCACTTCCGCAATCCCAACAAGCGTCACTTCTCTTCT
 CACGGTACGTACATCCCATTAACTTACAACGTCAATTTTCCACGGCGCGCCCTTTTAAACGTTAAACCCACAGCCAATCACCACACGCGCC
 ACACCTTTTAAATCACCTCATTTACATAATTGGCACCATTTCCATCTATAAGGTATATTATGATGATG

Fig. 17, cont'd

GenBank Accession No. AY271307

CATCATCAATAATATACCTTATAGATGGAATGGTGCCAATATGTAAATGAGGTGATTTTAAAAAGTGTGGCCGTGTGGTGATTGGCTGTGGGGTTA
ACGGTTAAAAGGGCGGCGGCCGTGGGAAAATGACGTTTTATGGGGTGGAGTTTTTTTGCAAGTTGTCCGGGAAAATGTTACGCATAAAAAGGC
TTCTTTTCTCACGGAACCTAGTTTCCACCGGTATTTAACAGGAAATGAGGTAGTTTGGACCGGATGCAAGTGAAAAATTGCTGATTTTCGCGCG
AAAACTGAATGAGGAAGTGTTTTCTGAATAATGTGTTATGGCAGGGTGGAGTATTTGTTACGGCCAGGTAGACTTTTGACCCATTACGTGGA
GGTTTCGATTACCGTGTGTTTTACCTGAATTTCCGCGTACCGTGTCAAGTCTTCTGTTTTACGTAGGTGTCAGCTGATCGCTAGGGTATTTATAC
CTCAGGGTTTGTCAGAGGCCACTCTTGAGTGCCAGCGAGAAGAGTTTTCTCCTCTGCGCCGGCAGTTTAAATAATAAAAAATGAGAGATTTTGGC
ATTTCTGCCTCAGGAAATAATCTCTGCTGAGACTGGAAATGAAATATTGGAGCTTGTGTGCACGCCCTGATGGGAGACGATCCGGAGCCACCTGTG
CAGCTTTTGGCCCTCCTACGCTTCAGGAACCTGTATGATTTAGAGGTAGAGGGATCGGAGGATTTCTAATGAGGAAGCTGTGAATGGCTTTTTTACCG

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Fig. 17, cont'd

ATTCTATGCTTTTAGCTGCTAATGAAGGATTAGAAATTAGATCCGCCCTTTGGACACTTTCAATACTCCAGGGGTGATTGTGGAAAGCGGTACAGGTGT
 AAGAAAAATTACCTGATTTGAGTTCGGTGGACTGTGATTTGCACGTCTATGAAGACGGGTTTCTCCGAGTGTAGAGGAGACCATGAAAAGGAGCAG
 TCCATGCAGACTGCAGCGGTGAGGGAGTGAAGGCTGCCAATGTTGGTTTTAGTTGGATTGCCCGGAGCTTCTGGACATGGCTGAAGTCTTGTG
 AATTTACAGGAAAAATACCTGGAGTAAAGGAACCTGTTATGTTTCGCTTTGTTATATGAGAAGCAGCTGCCACTTTATTTACAGTAAGTGTGTTTTAAGT
 TAAAAATTAAGGAATATGCTGTTTTTACATGTATATTGAGTGTGAGTTTTGTGCTTCTTATTATAGTCCGTGTCTGTGATGCTGATGAATCACCA
 TCTCCTGATTTCTACTACCTCACCTCCTGATATTCAAGCACCTGTTCTCTGTGGACGTGCGCAAGCCCATTCCTGTGAAGCTTAAGCCTGGGAAACGTC
 CAGCAGTGGAGAAACTTGAGGACTTGTTACAGGGTGGGACGGACCTTTGGACTTGAGTACACGGAACGTCCAAGACAATAAGTGTTCATATCCG
 TGTTTACTTAAGGTGACGTCAATATTTGTGTGAGAGTGAATGTAATAAAATATGTTAACTGTTCACTGGTTTTTATTGCTTTTTGGGCGGGGACT
 CAGGTATAAAGTAGAAGCAGACCTGTGTGGTTAGCTCATAGGAGCTGGCTTTCATCCATGGAGGTTTGGGCCATTTTGGAAAGACCTTAGGAAGACT
 AGGCAACTGTTAGAGAGCGCTTCGGACGGAGTCTCCGGTTTTTGGAGATTCGGTTCGCTAGTGAATTAGCTAGGGTAGTTTTTAGGATAAAACAGG
 ACTATAACAAGAAATTTGAAAAGTTGTTGGTAGATTGCCCAGGACTTTTTGAAGCTCTTAATTTGGGCCATCAGGTTCACTTTAAAGAAAAAGTTTT
 ATCAGTTTTAGACTTTTCAACCCCAAGGTAGAACTGCTGCTGCTGGCTTTTCTTACTTTTTATATTAGATAAATGGATCCCGCAGACTCATTTTCAGC
 AGGGGATACGTTTTGGATTTCTATAGCCACAGCATTTGGAGAACATGGAAGGTTGCAAGATGAGGACAATCTTAGGTTACTGGCCAGTGCAGCCTT
 TGGGTAGCGGGAATCCTGAGGCATCCACCGGTCTATGCCAGCGGTTCTGGAGGAGGAACAGAGGACAACCCGAGAGCCGGCTGGACCCCTCC
 AGTGGAGGAGCGGAGTAGTGACTGTTGCTCCTGAACCTGCAACGGGTGCTTACTGGATCTACGTCCACTGGACGGGATAGGGGCGTTAAGAGGGAGA
 GGGCATCCAGTGGTACTGATGCTAGATCTGAGTTGGCTTTAAGTTAATGAGTCGCAGACGTCCTGAACCCATTTGGTGGCATGAGGTTTCAGAAAAGA
 GGGAAAGGATGAAGTTTCTGATTGCGAGGAGAAATATTCACTGGAACAGGTGAACACATGTTGGTTGGAGCCAGAGGATGATTGGGCGGTGGCCATT
 AAAAATTATGCCAAGATAGCTTTGAGGCTGATAAACAGTATAAGATCAGTAGACGGATTAATATCCGGAATGCTTGTACATACTCGAAATGGGG
 CTGAGGTGGTAATAGATACTCAAGACAAGACAGTTATTAGATGCTGCATGTGATATGTGGCTGGAGTAGTCGGTATGGAAGCAGTCACTTTTTGT
 AAATGTTAAGTTTAGGGGAGATGGTTATAATGGAATAGTGTATTGGCCAAACCAAACCTTATATGTCATGGTTGTAGCTTTTTTGGTTTCAACAAT
 ACCTGTGTAGATGCCCTGGGACAGGTTAGTGTACGGGGGTAGTTTCTATGCGTGTGGATTGCCACAGCTGGCAGAACCAAGAGTCAATTGTCTC
 TGAAGAAATGCATATTTCCAAAGATGAACCTGGGCAATCTGAATGAAGGCGAAGCAAGGTCGTCACCTGCGCTTCTACAGATACTGGATGTTTTAT
 TTTAATTAAAGGGAATGCCAGCGTAAAGCATAACATGATTTGTGGTCTCCGATGAGAGGCCCTTATCAAATGCTCACTTGTGCTGGTGGCATTTGT
 AATATGCTGGCTACTGTGCATATTGTTTCCCATCAACGCAAAAAATGGCCGTTTTTGATCACAATGTGTTGACCAAGTGCACCATGCATGCAGGTG
 GCGTAGAGGAAATGTTTATGCCTTACCAGTGAACATGAATCATGTGAAAGTGTGTTGGAACCCAGATGCCCTTTCCAGAATGAGCCTAACAGGAAAT
 CTTTGACATGAACACGCAAACTCTGGAAGATCCTGAGGTATGATGATACGAGATCGAGGTCGCGCATGCGAAATGCGGAGGCAAGCATGCCAGGTTTC
 CAGCCGGTGTGTAGATGTGACCGGAAGATCTCAGACCGGATCATTTGGTTATTGCCCGCACCTGGAGCAGAGTTCGGATCCAGTGGAGAGAAACCTG
 ACTAAGGTGAGTATTGGGAAACCTTTGGGGTGGGATTTTCAGATGGACAGATTGAGTAAAAATTTGTTTTTCTGCTTCGAGCTGACATGAGTGA
 AATGCTTCTTTAAGGGGGGAGTCTTCAGCCCTTATCTGACAGGGGCTCTCCCATCTGGGCGAGGAGTTCGTAGAAATGTTATGGGATCTACTGTGG
 ATGGAAGACCCGTTCAACCCGCCAAATTTCTCAACGCTGACCTATGCTACTTTAAGTTCTTCCACCTTTGGACGAGCTGCAGCCGCTGCCGCCGCTC

Fig. 17, cont'd

TGTGCGCGCTAACACTGTGTGGAATGGGTTACTATGAAGCATCGTGGCTAAATCCACTTCTCTCTAATAACCCCTTCTACACTGACTCAGGACAAG
TTACTTGTCTTTTGGCCAGCTGGAGGCTTGACCCAACGCTGGGTGAACCTTCTCAGCAGGTGGCCGAGTTGCGAGTACAAACTGAGTCTGCTG
TCGGCAGGCAAGTCTAAATAAAAAATTCAGAAATCAATGAATAAATAACGAGCTTGTGATTAAATCAAGTGTTTTTATTTCAATTT
TCGCGCAGGTATGCCCTGGACCACCGATCTCGATCATTGAGAACTCGGTGGAATTTTCCAGAACTCTATAGAGGTGGGATTGAATGTTTAGATAC
ATGGGCATTAGGCCGCTTTGGGGTGGAGATAGCTCCATTGAAGGGATTTCATGCTCGGGGTAGTGTGTAATCACCCAGTCAATAACAAGGTCGCA
GTGCATGGTGTGCACAATATCTTTAGAAGTAGGCTGATTGCCACAGATAAGCCCTTGGTGTAGGTGTTTACAAACCGGTTGAGCTGGGAGGGGTG
CATTGAGGTGAATTAATGTGCAATTTGGATTGGAATTTTAAAGTTGGCAATATGCGGCCAAGATCCCGTCTTGGGTTCAATGTTATGAAGGACTACC
AAGACGGTGTATCCGGTACATTTAGGAAATTTATCGTGACGCTTGGATGGAAGAGGTGGAATAATTTGGAGACACCCCTTGTGTCTCCGAGATTTT
CCATGCACTCATCCATGATAATAGCAATGGGCCGCTGGGCAGCGGCGGGCAACACAGTTCGTTGGTCTGACACATCATAGTTATGTTCTCTGAGT
TAAATCATATAAGCCATTTAATGAATTTGGGGCGGAGCGTACAGATTGGGTATGAATGTTCTTCGGGCCCGGAGCATAGTCCCTCACAG
ATTTGCAATTTCCCAAGCTTTCAGTCTGAGGTTGGAATCATGTCCACCTGGGGGCTATGAAGAACACCCGTTTCGGGGCGGGGTGATTAGTTGGG
ATGATAGCAAGTTTCTGAGCAATTGAGATTTGCCACATCCGGTGGGGCCATAAATAATTCGATTACAGGTTGCAGGTGTTAGTGGAAACGGCA
ACTGCCGCTTCTCGAAGCAAGGGGCCACCTCGTTTCATCATTTCCCTTACATGCATATTTCCCGCACCAATCCATTAGGAGGCGCTCTCTCCT
AGTGATAGAAGTCTTTGTAGTGAGGAAAGTTTTTACGCGTTTTAGACCGTCAGCCATGGGCATTTTGGAAAGAGTTTGTGCAAAAGTTCTAGTC
TGTTCCACAGTTCAGTGATGTTCTATGGCATCTCGATCCAGCAGACCTCCTCGTTTCGCGGGTTTGGACGGCTCCTGGAGTAGGATAGAGACGA
TGGCGTCCAGCGCTGCCAGGGTTCCGTCCTTCCAGGGTCTCAGTGTTCGAGTCAGGGTTGTTCCGTCACAGTGAAGGGGTGTCGCGCTGCTTGGG
CGCTTGCCAGGGTGCGCTTCAGACTCATTTCTGCTGGTGGAGAACTTCTGTCGTTGGCGCCCTGTATGTCGGCCAAGTAGCAGTTTACCATGAGTTC
GTAGTTGAGCGCTCGGCTGCGTGGCCTTTGGCGGGAGCTTACCTTTGGAAGTTTTCTTGCAACCGGGCAGTATAGGCATTTCAGCGCATACAGC
TTGGCGCAAGGAAATGGATTCTGGGAGTATGCATCCGCGCCGCGAGGCGCAACAGTTTCACATTCACCCAGCCAGGTTAAATCCGGTTTCAT
TGGGTCAAAAACAAGTTTTCCGCCATATTTTGTGCGTTTTCTTACCTTTGGTCTCCATAAGTTTCGTGCTCGTTGAGTGACAAACAGGCTGTC
CGTATCTCCGTAGACTGATTTACAGGCCCTTCTCCAGTGGAGTGCCCTCGGTCTTCTCGTACAGGAACCTGACCACTCTGATACAAAGGCGCGC
GTCCAGGCCAGCACAAAGGAGCTATGTGGGAGGGTAGCGATCGTTGTCAACCAGGGGTCCACCTTTTCCAAAGTATGCAACACATGTCACCCCT
CTTCAACATCCAGGAATGTGATTGGCTTGATGGTATTTTACGTGACCTGGGTCCCGCTGGGGGTATAAAGGGGGCGGTTCTTTGCTCTTC
CTCACTGCTTCCGGATCGCTGTCCAGGAACGTGAGCTGTGGGGTAGGTAATCCCTCTCGAAGGCGGGCATGACCTCTGCACTCAGGTTGTCAGTT
TCTAAGAACGAGGAGGATTTGATATTGACAGTGCCGGTTGAGATGCCTTTCATGAGTTTTTCGTCCATTGGTCAGAAACACAAATTTTTTATGTT
CAAGTTTGGTGGCAATGATCCATACAGGGCGTTGGATAAAGTTTGGCAATGGATCGCATGGTTTGGTCTTTTCTTGTCCGCGCGCTCTTTGGC
GGCGATGTTGAGTTGGACATACTCGCGTGCCAGGCACTTCCATTCCGGGGAAGATAGTTGTTAAATTCATCTGGCACGATTCTCACTTGCCACCCCTCGA
TTATGCAAGGTAATTAATCCACACTGGTGGCCACCTCGCCTCGAAGGGGTTTCATTGGTCCACAGAGCTACCTCCTTTCTTAGAACAGAAAGGGG
GAAGTGGGTCTAGCATAAGTTTCATCGGGAGGGTCTGTCATCCATGGTAAAGATTCGCGGAAGTAAATCCTTATCAAAATAGCTGATGGGAGTGGGGTC

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Fig. 17, cont'd

ATCTAAGGCCATTTGCCATTCTCGAGCTGCCAGTGCGCGCTCATATGGGTTAAGGGGACTGCCCCAGGGCATGGGATGGGTGAGAGCAGAGGCATAC
ATGCCACAGATGTCATAGACGTAGATGGGATCCTCAAAGATGCCTATGTAGGTGGATAGCATGCCCCCCTCTGATACTTGTCTGCACATAGTCAT
ATAGTTCAATGTATGGCGCTAGCAGCCCCGACCCAAAGTTGGTGCGATTGGGTTTTCTGTCTGTAGACGATCTGGCGAAAGATGGCGTGAGAATT
GGAAGAGATGGTGGTCTTTGAAAAATGTTGAAATGGGCATGAGGTAGACCTACAGAGTCTCTGACAAAAGTGGGCATAAGATTCTTGAAGCTTGGTT
ACCAAGTTGCGCGGTGACAAGTACGTCTAGGGCGCAGTAGTCAAGTGTTCCTTGAATGATGTCATAACCTGGTTGGTTTTCTTTTCCACAGTTCGC
GGTTGAGAAGGTATTTCTTCGGATCCTTCAGTACTCTTCTAGCGGAAACCCGCTCTTGTCTGCACGGTAAGATCCTAGCATGTAGAACTGATTAAAC
TGCCTTGTAAAGGCAGCAGCCCTTCTCTACGGGTAGAGAGTATGCTTGAGCAGCTTTTCGTAGCGAAGCTGAGTAAGGCAAAAGGTGTCTCTGACC
ATGACTTTGAGAAAATTGGTATTTGAAGTCCATGTCTGACAGGCTCCCTGTTCACAGAGTTGGAAGTCTACCCGTTTTCTTGTAGCGGGGTTGGGCA
AAGCGAAAGTAACATCATTTGAAGAGAAATCTTACCGGCTCTGGGCATAAAATTCGAGTGTATGCGGAAAGGCTGTGGTACTTCCGCTCGATTGTTGAT
CACCTGGGCAGCTAGGACGATTTCTGTCGAAACCGTTGATGTTGTCTCTACGATGTATAATTCTATGAAACGCGGCGTGCCTCTGACGTGAGGTAGC

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Fig. 17, cont'd

TTA CTGAGCTCATCAAGGTTAGGTCGTGTGGGTCAGATAAGGCGTAGTGTCGAGAGCCCATTCGTGCAGGTGAGGATTTGTCATGTAGGAATGATG
 ACCAAAGATCTACCGCCAGTGCTGTTGTAACTGGTCCCGATACTGACGAAATGCGGGCCAAATGGCCATTTTCTGGAGTGACACAGTAGAAGGT
 TCTGGGCTCTGTGGCATCGATCCCACTTGAGTTAATGGCTAGATCGTGGGCCATGTTGACGAGACGCTCTTCTCTGAGAGTTTCATGACCAGC
 ATGAAAGGAAC TAGTTGTTGCCAAGGATCCCATCCAGGTGAAGTTCCACATCGTAGGTCAGGAAGAGTCTTCTGTGCGAGGATGAGAGCCGA
 TCGGGAAGAACTGGATTTCTGCCACCAGTTGGAGGATTGGCTGTTGATGTGATGGAAGTAGAAGTTTCTGCGCGCGCCGAGCATTCGTGTTTGTG
 CTTGTACAGACGGCCGAGTAGTCGACGGTTGATCTCGTGAATGAGCTGACCTGGCTTCCCTTGACGAGAAAATTCAGTGGGAAG
 CCGAGGCTGGCATTGTATCTCGTCTCTCTATATTCGCTGTATCGGCTGTTCATCTTCTGTTTCGATGGTGGTCACTGCTACGAGACCCCGCGG
 GGAGGCAAGTCCAGACCTCGGCGCGGGAGGGCGGAGCTGAAGGACGAGAGCGCGAGGCTGGAGCTGTCCAGAGTCTCTGAGACGCTGCGGACTCAG
 GTTAGTAGGTAGGGACAGAAGATTAACTTGATGATCTTTCCAGGGCGTGGGAGGTTCAGATGGTACTTGATTTCCACAGGTTCTGTTGTAGAG
 ACGTCAATGGCTTGACGGGTTCCGTGCTCTTGGCGCCACTACCGTACCTTTGTTTTTCTTTGTATCGGTGGTGGCTCTCTTCTTGCATGC
 TCAGAAAGCGGTGACGGGGACGCGCGCGGGCGGACGCGGTTGTTCCGGACCCGGGGCATGGCTGGTAGTGGCACGTCGGCGCCGCGCACGGGCGAGG
 TTTCTGGTATTGCGCTCTGAGAAGACTTGCGTGGCCACCCACGCGTGGATTGACGCTCTGATCTGACGCTCTGCGGTGAAAGCTACCGGCCCGCTGA
 GCTTGAACCTGAAAGAGAGTTCAACAGAAATCAATTCGGTATCGTTAACGGCAGCTTGCTCAGTATTTCTTGACGTACCAGAGTTGTCTCTGGTA
 GCGCATCTCGCCATGAACGTCTCGATTTCTTCTCTGAAGATCTCCGCGACCCGCTCTTTCGACGGTGGCCGCGAGGTCAATTGGAGATACGGCCCC
 ATGAGTTGGAGAAATGCATTCATGCCCGCTCGTTCCAGACGCGGCTGTAAACACAGCGCCCTCGGAGTCTCTTGGCGCATCACCACTGAGCGA
 GGTAAAGCTCCACGTGCTGGTGAAGACCGCATAGTTGCATAGGCGCTGAAAAGGTAGTTGAGTGTGGTGGCAATGTGTTCCGCGACGAAAGAAATA
 CATGATCCATCGTCTACGGGCAATTCGCTAACATCGCCACAGCTTCCAAGCGCTCCATGGCCTCGTAGAAGTCCACGGCAAAATTAATAAACTGG
 GAGTTTCGCGCGACACGGTCAATTCCTCTCGAGAAGACGGATGAGTTCGGCTATGTTGGCCCGTACTTCGCGTTCGAAGGCTCCCGGATCTCTT
 CTTCTCTTCTATCTCTTCCACTAACATCTCTTCTTCTGCTTTCAGGCGGGGGCGAGGGGCGACGTCGACGGCGCACGGGCAACG
 GTCGATGAATCGTTCAATGACCTCTCCGCGGGCGGGCGCATGGTTTCAGTGACGGCGCGGCGGCTTCTCGCGCGGTGCGAGAGTAAACACCCGCGG
 CGCATCTCCTTAAAGTGGTGACTGGGAGTTCTCCGTTTGGGAGGGAGAGGGCGCTGATTATACATTTTATTAATTGGCCGTAGGGACTGCGCGCA
 GAGATCTGATCGTGTCAAGATCCACGGGATCTGAACCTTTCGACGAAAGCGTCAACCAAGTCAAGTCAACAGGTAGGCTGAGTACGGCTTCTTG
 TGGCGGGGGTGGTTATGTGTTCCGCTGGGTCTTCTGTTTCTTCTCATCTCGGGAAGGTGAGACGATGCTGCTGGTGAATAAAGTAGGCA
 GTTCTAAGACGGCGGATGGTGGCAGGAGCACAGGTCTTGGGTCCGGCTGCTGGATACGACGGCGATTGGCCATTCGCCAAGCATTAATCTGAC
 ATCTAGCAAGATCTTTGTAGTCTTGTGATGAGCCGTTCTACGGGCATCTTCTCACCCTTCTGCCATGCATACGTGTGAGTCCAAATCCGCG
 CATTTGGTTGTACCAAGTCCCAAGTCAGCTACGACTCTTTCCGGCAGGATGGCTTGTCTGTTGAGGTTGAAAGTCAATAAATCCACA
 AAGCGGTGTTAAGCCCTGTATTAAATGGTGTAAAGCACAGTTGGCCATGACTGACCAAGTTAACTGTCTGGTGACGAGGGCGCACGAGCTCGGTGATT
 TAAGCGCGCAATAGGCGGGGTGTCAAAGA GTAAATCGTTGCAGGTGCGCACCAAGATACCTGGTACCCATATAAGAAAATGCGGCGGTGGTTGGCGGTA
 GAGAGGCCATCGTTCTGTAGCTGGAGCGCCAGGGCGAGGTCTTCCAACATAAGGCGGTGATAGCCGTAGATGACCTGGACATCCAGGTGATTCTCT
 GCGGCGGTAGTAGAAGCCCGAGGAACTCGCGTAGCGGATGAAAGTAGTTCAATTGTAGGCACGGTTTGACCAAGTGA

Fig. 17, cont'd

GGCGCGCAGTCATTGATGCTCTATAGACACGGAGAAAAAGAAAGCGTTACGCGACTCGACTCCGTAGCCTGGAGGAACGTGAACGGGTTGGGTGCG
CGGTGACCCCGGTTGAGACTTGTAACGAGCCGGAGCCGGCTAACGTGGTATTGGCACTCCCGTCTCGACCCAGCCTACAAAAATCCAG
GATACGGAATCGAGTCGTTTGGTGGTTCCGAAATGGCAGGGAAGTGAGTCTATTTTTTTTTTTTTTTTGGCGCTCAGATGCATCCCGTGTGCGA
CAGATGCGCCCCAACAAACAGCCCCCTCGCAGCAGCAGCAACCAAAAGGCTGTCCCTGCAACTACTGCAACTGCCGCCGTGAGCGGTG
CGGACAGCCCGCTATGATCTGGACTTGGAGAGGGCGAAGGACTGGCACGTCTAGGTGCGCTTTCGCCGAGCGGCATCCGCGAGTTCAACTGAA
AAAAGATTCTCGGAGGCGTATGTGCCCCAACAGAACCTATTAGAGACAGAACGCGGAGGAGCGGAGGAGATGCGAGCTTCCGCTTTAACGCG
GGTCGTAGCTGGTCACGGTTTGGACCGAAGACGAGTGTTCGAGACGAGGATTCGAAAGTTGATGAAGTGACAGGGATCAGTCTGCCAGGGCAC
ACGTGGCTGCAGCCAACTTGTATCGGCTTACGAGCAGACAGTAAGGAAGAGCGTAACCTTCCAAAGTCTTTTAATCATGTGCGAACCCCTGAT
TGCCCGGAAGAAAGTTACCCCTTGGTTTGATGCGATTTGATGGAAGCTATCATTGAGAACCTACTAGCAAACTCTGACCGCCAGCTG
TTTTCTGGTGGTGCAACACAGCAGAGACAAATGAGGCTTTTCAGAGAGCGCTGCTGAACATCACCGAACCCGAGGGGAGATGGTTGATGATCTTATCA
ACATTCTACAGAGTATCATAGTGCAGGAGCGGAGCCTGGGCTGGCCGAGAGGTAGCTGCCATCAATTTACTCGGTTTGGAGCTTGGGAAATATTA
CGCTCGCAAAATCTACAAGACTCCATACGTTCCCATAGACAAGGAGTGAAGATAGATGGTTCTACATGCGCATGACGCTCAAGGTC TTGACCCCTG
AGCGATGATCTTGGGTGATCGCAATGACAGAAATGCATCGCGGTTAGCGCCAGCAGGAGGCGGAGTTAAGCGACAGGGAACCTGATGCACAGTT
TGCAAAGAGCTCTGACTGGAGCTGGAACCGAGGGTGAGAAATTTACTCGACATGGAGCTGACTTGCAGTGGCAGCCTAGTCGCAGGGCTCTGAGCGC
CGCAGCGCAGGATGTGAGCTTCCATTACATAGAAGGCGGATGAAGCGAGGAGGAAGAGGCGAGTACTTGAAGACTGATGGCACAAACCCGTGT
TTTTTGTAGATGGAACAGCAAGCACCGGATCCCGCAATGCGGGCGGCTGCAGAGCCAGCGCTCGGCAATTAACCTCTCGGACGATTGGACCCAG
GCCATGCAACGTATCATGGCGTTGACGACTCGCAACCCCGAAGCCTTTAGACAGCAACCCAGGCCAACCGTCTATCGGCCATCATGGAAGCTGTAG
TGCCTTCCGATCTAATCCCACTCATGAGAAGTCTCTGGCCATCGTGAACGCGTTGGTGGAGAACAAAGCTATTCGTCCAGATGAGGCCGGACTGGT
ATACAACGCTCTCTTAGAACGCGTGGCTCGCTACAACAGTAGCAATGTGCAAAACCAATTTGGACCGTATGATAACAGATGACGCGAAGCCGTGTCT
CAGCGGAAAGGTTCCAGCGTGATGCCAACCTGGGTTGCTGGTGGCTTAAATGCTTTCTTGAGTACTCAGCCTGCTAATGTGCCGCGTGGTCAAC
AGGATTAATACTAATTTTAAAGTCTTTGAGACTGATGGTATCAGAAAGTACCTCAGAGCGAAGTGTATCAGTCCGGTCCCTGATTACTTCTTTCAGAC
TAGCAGACAGGGCTTGCAGACGGTAAATCTGAGCCAAAGCTTTTAAACCTTAAAGTTTGTGGGAGTGCAATGCCCGGTAGGAGAAAGCAACC
GTGTCTAGCTTGTAACTCCGAACCTCCCGCTGTATTACTGTGTTAGTCTCTTACCAGACAGCGGTAGCATCGACCGTAATTCCTATTGGGTT
ACCTACTAAACCTGTATCGGAAGCCATAGGGCAAGTCAAGTGGACGAGCAGACCTATCAAGAAATTAACCAAGTCAAGTCCGCTTTGGGACAGGA
AGACACTGGCAGTTTGGAGCCACTCTGAACCTTTGCTTACCAATCGGTCTCAAAAGATCCCTCTCAATAATGCTCTTACTGCGGAGGAGGAGAGG
ATCCTTAGATATGTGCAGCAGAGCGTGGGATTTCTGATGCAAGAGGGGGCAACTCCGACTGCAGCACTGGACATGACAGCGCGGAAATATGGAGC
CCAGCATGTATGCCAGTAACCGACCTTTTCAATTAACAAACTGCTGGACTACTTGCACAGAGCTGCCGCTATGAACTCTGATTATTTTACCAATGCCAT
CTTAAACCCGCACTGGCTGCCCCCACCCTGTTTCTACACGGGCGAATATGACATGCCGACCCCTAATGACGGATTTCTGTGGGACGACGTGGACAGC
GATGTTTTTTCACCTCTTCTGATCATCGCACGCTGGAAAAAGGAAGGCGGTGATAGAAATGCAATCTTCTGCAATCGCTGTCCGGGGTTCATGGGTGCTA

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Fig. 17, cont'd

CCGCGGCTGAGCCCGAGTCTGCAAGTCCTTTTCCTAGTCTACCCCTTTTCTCTACACAGTGTACGTAGCAGCGAAGTGGGTAGAATAAGTCGCCCGAG
TTTAATGGGCGAAGAGGAGTACCTAAACGATTCTTGCTCAGACCGGCAAGAGAAAAAATTTCCCAACAATGGAAATAGAAAGTTTGGTGGATAAA
ATGAGTAGATGGAAGACTTATGCTCAGGATCACAGAGACGAGCCTGGGATCATGGGACTACAAGTAGCGGAGCCGTAGACGCCAGCGCCATGACA
GACAGAGGGGTCTTGTGTGGGACGATGAGGATTGCGCCGATGATAGCAGCGTGTGGACTTGGGTGGGAGAGGAGGGCAACCCGTTTGTCTCATTT
GCGCCCTCGCTTGGGTGGTATGTTGTGAAAAAAATAAAAAAGAAAAACTCACCAAGGCCATGGCGACGAGCGTACGTTCTGTTCTTTATTATCT
GTGCTAGTATAATGAGGCGAGTCGTGCTAGGCGGAGCGGTGGTGATCCGGAGGTCCTCCTCGTACGAGAGCGTGTATGCAGCAGCAGCAGG
CGACGGCGGTGATGCAATCCCCACTGGAGGCTCCCTTTGTGCTCCGCGATACCTGGCACCTACGGAGGCGAGAAACAGCATTCTGTTACTCGGAAC
GGCACCTCAGTACGATACCACCAGGTTGTATCTGGTGGACAACAAGTCGGCGGACATTGCTTCTCTGAACATCAGAAATGACCACAGCAACTTCTTG
ACCACGGTGGTGCAGAACAAATGACTTTACCCCTACGGGAAGCCAGCACCCAGACCATTAACCTTGTATGAACGATCGCGGTGGGGCGGTGAGCTAAAGA
CCATCATGCATACTAACATGCCAAACGTGAACGAGTATATGTTTAGTAACAAGTTCAAAGCGCGTGTGATGGTGTCCAGAAAAACCTCCCCGCGGTGC

Fig. 17, cont'd

TGCAGTTGGGATACCTTATGATCACAAGCAGGATATTTTGGAAATATGAGTGGTTCGAGTTTACTTTGCCAGAAGGCAACTTTTCAGTTACTATGACT
ATTGATTTGATGAACAATGCCATCATAGATAATTACTTGAAGTGGTAGACAGAAATGGAGTGTGAAAGTGACATTTGGTGTAAAGTTTCGACACCA
GGAACCTCAAGCTGGGATGGGATCCCGAAACCAAGTTGATCATGCTGGAGTGATACGTATGAAGCCTTCCATCCTGACATTTGCTTACTGCCTGG
CTCGGAGTGGATTTTACCGAGAGTCGTTTGAGCAACCTTCTTGGTATCAGAAAAAACAGCCATTTCAAGAGGTTTTAAGATTTTGTATGAAGAT
TTAGAAGGTGGTAATATTCGGCCCTCTTGGATGTAGATGCCATGAGAACAGTAAGAAAGAACAAAAAGCCAAAAATAGAAGCTGTACAGCTGCTG
CAGAAGCTAAGGCAACATAGTTGCCAGCGACTCTACAAGGTTGCTAACGCTGGAGAGGTTCAGAGGAGACAAATTTTGGCCCAACACCTGTTCCGAC
TGCAGAAATCATATTGGCCGATGTGCTGAAGGAACGGACGTGAACCTCACTATTCAACCTGTAGAAAAAGATAGTAAGAAATAGAAGCTATAATGTG
TTGGAAGACAAAAATCAACACAGCCTATCGCAGTTGGTATCTTTCGTACAATTTATGGCGATCCCGAAAAAGGAGTGCCTTCTGGACATTTGCTCACCA
CCTCAGATGTCACCTGCGGAGCAGAGCAGGTTTACTGGTCGCTCCAGACATGATGAAGGATCCTGTCACTTTCCGCTCCACTAGACAAGTCAGTAA
CTACCTGTGGTGGTGCAGAGCTTATGCCCGTCTTCTCAAGAGCTTCTACACGAACAAGCTGTACTCCAGCAGCTCCGCCAGTCCACCTCG
CTTACGCACGTCTTCAACCGCTTCTGAGAACCAAGATTTAATCCGTCCGCCGGCCACCATTAACACCGTCAGTGAAAAACGTTCTTGCTCTCA
CAGATCACGGGACCTGCCGTTGCCAGCAGTATCCGGGAGTCCAACGTGTGACCGTTACTGACGCCAGACGCCGACCTGTCCCTACGTGTACAA
GGCACTGGGCATAGTCGCACCGCGCTCTTCAAGCCGCTCTTCAAAAAAATAATGTCATTTCTATCTCGCCAGTAAATACACCCGTTGG
GGTCTGCCGCTCCAAGCAAGATGTACGGAGCGCACGCAACGTTCTACCCAATCCCGTGGTGTTCGCGGACATTTTCGCGCTCCATGGGGTGG
CCCTCAAGGGCCGACTCGCGTTCGAACCCGCTCGATGATGTAATCGATCAGGTGGTTGCCGACGCCGTAATTACTCTACTGCGCTACATC
TACTGTGGATGCAGTTATTGACAGTGTAGTGGCTGACGCTCGCAACTATGCTCGACGTAAAGAGCCGCGAAGGCGCATTTGCCAGACGCCACCGAGCT
ACCACTGCCATGCGAGCCGCAAGAGCTCTGCTACGAAGAGCTAGACCGTGGGCGAAGAGCCATGCTTAGGGCGGCCAGACGTGCAGCTTCGGGCG
CCAGCGCCGCGAGTCCCGCAGGCAAGCAGCCGCTGTGCGAGCGGAGCTATGCGGACATGCCCCAATCGCGAAGAGGCAATGTATACGCGTGG
TGACGCTGCCACCGTCAACGTGTACCCGTGCGCACCCGTCGCCACTTAGAAGATACGTAGCAGTCTCCGATGTTGTGTCCAGCGCGGAGG
ATGTCCAAGCGCAATACAAGGAAGAAATGCTGCAGGTTATCGCACCTGAAGTCTACGGCCAACCGTTGAAGGATGAAAAAACCAGCAAAATCA
AGCGGTTAAAAAGGACAAAAAAGAGAGGAAGATGGCGATGATGGGTGGCGGAGTTTGTGCGGAGTTTGGCCAGCGCGCGTGCATGGCG
TGGCGCAAGTTGACATGTGTTGAGACCTGGAACCTTCGGTGGTCTTTACACCCGCGAGCGTTCAAGCGCTACTTTAAGCGTTCTATGATGAG
GTGTACGGGGATGATGATATTCTTGAGCAGCGCGCTGACCGATTAGCGGAGTTTGCCTTATGGCAAGCGTAGTAGAATAACTTCCAAGGATGAGACAG
TGTCATACCCCTGGATCATGGAATCCCAACCTTAGTCTTAACCGGTACCTTTCAGCAAGTGTACCCGTAACTCCGCGAACAGGTGTTAAACG
CGAAGTGAAGATTGTATCCCACTATGCACTGATGGTACCAACGCCAGAGTTGGAGGACGTTTGGAGAAAGTAAAGTGGATCCAGATATT
CAACCTGAGGTTAAAGTGAGACCCATTAAAGCAGGTAGCGCTGGTCTGGGGGTACAAACTGTAGACATTAAGATTCCTCACTGAAAGTATGGAAGTGC
AAACTGAACCCGCAAGGCTTACTGCCACCTCCACTGAAAGTGAACCGGATCCATGGATGCCCCATGCCCTATTACAACCTGACGCCGCGGTCCTCCACTCG
AAGATCCCGACGAAAGTACGGTCCAGCAAGTCTGTTGATGCCCAATTATGTTGTACACCCATCTATTATCTCTACTCTCTGTTACCGAGGCACCTCGC
TACTATCGCAGCCGAAACAGTACCTCCCGCCGTGCGCGCAAGACACCTGCAAAATCGAGTCGTGCGCGTAGACGCACAAAGCAACCGACTCCCGGCG
CCCTGGTGGGCAAGTGTACCGCAATGGTAGTGCGGAACCTTTGACACTGCGCGGTACCATCCGAGTATCATCACTTAATCAATGTTGCC

Fig. 17, cont'd

GCTGCCTCCTTGCGAGATATGGCCCTCACTTGTCGCCCTTCGCGTTCCCATCACTGGTTACCGAGGAAGAACTCGCGCGTAGAAGAGGGATGTTGGG
ACGCGGAATGCGACGCTACAGCGGACGGCGTGCTATCCGCAAGCAATTGCGGGTGTTTACCAGCCTTAATTCCTCAATTATCGCTGCTGCAATT
GGCGGATACAGGCATAGCTCCGTGGCGGTTACGGCTCGCAACGACATGACATTTGGAAGGAAACGATATAAATAAAAAAATAACAATGGACT
CTGACACTCCTGGTCTGTGACTATGTTTTCTTAGAGATGGAAGACATCAATTTTCATCCTGGCTCGCGACACGGCACGACCGTAGCATGGGC
ACCTGGAGCGACATCGGCACGAGCAACTGAACGGGGCGCTTCAATTGGAGCAGTATCTGGAGCGGGCTTAAAAATTTTGGCTCAACCATAAAAA
CATACGGGAACAAAGCTTGGAAACAGCAGTACAGGACAGGCGCTTAGAAATAAATTAAGACCAGAACTTCCAACAAAAAGTAGTCGATGGGATAGC
TTCCGGCATCAATGGAGTGGTAGATTTGGCTAACCGGCTGTCAGAAAAAGATAAACAGTCGTTGGACCGCGCCAGCAACCCAGGTGAAATG
CAAGTGGAGGAAGAAATTCCTCCGCCAGAAAAACGAGGCGACAAGCTCCGCTCCGATTTGGAAGAGACGCTGGTGACGCGCTAGATGAACCCGC
CTTCTTATGAGGAAGCAACGAAGCTTGGAAATGCCCACCACTAGACCGATAGCCCCAATGGCCACCGGGTGATGAAACCTTCTCAGTTGCATCGACC
CGTCACCTTGGATTTGCCCTCCCTGCTGCTACTGCTACCCGCTTCTAAGCCTGTGCTGCCCGGAAACCCAGTCGCCGTAGCCAGGTCACGT
CCCGGGGCGCTCCTGTCCTCAATGCGCACTGGCAAAATACTCTGAACAGCATCGTGGGTCTAGGCGTGCAAAAGTGTAAACGCCGTCGCTGCTTT
AATTAAATATGGAGTAGCGCTTAACTTGCCTATCTGTGTATATGTGTCATTACACGCCGTCACAGCAGCAGAGGAAAGGAGGAGGTCGTGCGTC
GACGCTGAGTTACTTTCAAGATGGCCACCCCATCGATGCTGCCCAATGGGCATACATGCACATCGCCGACAGGATGCTTCGGAGTACCTGAGTCC
GGTCTGGTGCAGTTCCCGCGCCACAGACACCTACTTCAATCTGGGAAATAAGTTAGAAATCCACCGTAGCCCGACCCACGATGTGACCACCC
GACCGTAGCCAGCGCTCATGTTGGCTTCGTGCCGTTGACCGGGAGGACAAATACATACTCTTACAAAGTCGGTACACCTGCGCGTGGCGGACA
ACAGAGTGTGGATATGGCCAGCACGTTCTTGACATTAGGGCGGTGTTGGACAGAGTCCAGTTTCAAAACCTATTCTGGTACGGCTTACAACCTC
TCTGGCTCCTAAAGGCGCTCCAAATGCATCTCAATGGATTGCAAAAGGCGTACCAACTGCAGCAGCGCGCAGGCAATGGTGAAGAAGAACATGAACA
GAGGAGAAACTGCTACTTACACTTTTGCCAAATGCTCCTGTAAAGCCGAGGCTCAAATTACAAAGAGGGCTTACCAATAGGTTTGGAGATTTCAG
CTGAAAACGAATCTAAACCCATCTATGCAGATAAACTTTATCAGCCAGAACCTCAAGTGGGAGATGAACTTGGACTGACCTAGACGGAAACCCGA
AGAGTATGGAGGCGGCTCTAAAGCCTACTACTAACATGAAACCCCTGTTACGGGTCCTATGCGAAGCCTACTAATTTAAAAGGTGGTCAGGCAAAA
CCGAAAAACTCGGAACCGTCGAGTGAAAAAATGAAATATGATATTGACATGGAAATTTTGTGATACTCATCGCAAGAACAACTTCAGTCTCTAAA
TTGTCTATGTATGCAGAAAAATGAGGTTTGGAAACGCCAGACACTCATGTAGTGTACAAACCTGGAACAGAGACACAAAGTTCGGAAGCTAATTTGGG
ACAAACAGTCTATGCCCAACAGACCCAACTACATTGGCTTCAGAGATAAATTTATGGACTCATGTACTATAACAGTACTGGTAACATGGGGTGCTG
GCTGGTCAAGCGTCTCAGTTAAATGCAGTGGTTGACTTGCAGGACAGAAACACAGAACTTCTTACCAACTCTTGGTCTCTGGCGACAGAA
CCAGATACTTTAGCATGTGGAATCAGGCTGTGGACAGTTATGATCCTGATGTACGTGTTATTGAAATCATGGTGTGGAAGATGAACCTCCCAACTA
TTGTTTTCCACTGGACGGCATAGGTGTTCCAAACAAACCCAGTTACAAATCAATAGTTCCTGGAAGAGATAATAATAATTGGAAGAACCTGAAGTA
AATGGAACAAGTGAGATCGGACAGGGTAAATTTGTTGCCATGGAAATTAACCTTCAAGCCAACTATGCGGAAAGTTTCTTTTATCCAAATGTGGCTC
TGATCTCCAGACTCGTACAAATACACCCCGTCCAAATGTCACTCTTCCAGAAAAACAAACACCTACGACTACATGAACGGGCGGTGGTGGCGCC
ATCTCTAGTAGACACCTATGTGAACATTGGTGCCAGGTGGTCTCTGGATGCCATGGACAATGTCAACCCATTCACCCACCCAGCTAACGCTGGCTTG

Fig. 17, cont'd

CGTTACCGATCTATGCTTCTGGGTACGGACGTTATGTGCCCTTCCACATACAAGTGCCTCAAAAATTCTTCGCTGTTAAAAACCTGCTGCTTCTCC
CAGGCTCCTACACTTATGAGTGGAACTTTAGGAAGGATGTGAACATGGTTCTACAGAGTTCCCTCGGTAACGACCTGCGGGTAGATGGCGCCAGCAT
CAGTTTCACGAGCATCAACCTCTATGCTACTTTTTTCCCCATGGCTCACAACACCGCTTCCACCCCTGAAGCCATGCTGCGGAATGACACCAATGAT
CAGTCATTCAACGACTACCTATCTGCAGCTAACATGCTCTACCCCATTCCTGCCAATGCAACCAATATTCCCATTTCCATTCTCTCGCAACTGGG
CGGCTTTCAGAGGCTGGTCATTTACCAGACTGAAAAACCAAGAAACTCCCTCTTTGGGGTCTGGATTGACCCCTACTTTTGCTCTATTCTGGTTCTAT
TCCCTACCTGGATGGTACCTCTACCTGAACCCACACTTTTAAGAAGGTTTCCATCATGTTTGACTCTTCAGTGAGCTGGCCTGGAAATGACAGGTTA
CTATCTCCTAACGAATTTGAAATAAAGCGCACTGTGGATGGCGAAGGTACAACGTAGCCCAATGCAACATGACCAAGACTGGTTCTTGGTACAGA
TGCTCGCCCACTACAACATCGGCTATCAGGGCTTCTACATTCAGAAAGGATACAAAGATCGCATGTATTCTTTTCAGAAACTTCCAGCCCATGAG
CAGGCAGGTGGTTGATGAGGTCAATTACAAAGACTTCAAGGCCGTGCGCCATACCCTACCAACACACAACACTCTGGCTTTGTGGGTACATGGCTCCG
ACCATGCGCCCAAGGTCAACCCTATCCCGCTAACTATCCCTATCCACTCATTTGGAACAACCTGCCGTAAATAGTGTACGCAGAAAAAGTTCTTTGTGTG

Fig. 17, cont'd

ACAGAACCATGTGGCGCATACCGTTCTCGAGCAACTTCATGTCTATGGGGGCCCTTACAGACTTGGGACAGAAATATGCTCTATGCCAACTCAGCTCA
 TGCTCTGGACATGACCTTTGAGGTGGATCCCATGGATGAGCCACCCCTGCTTTATCTCTCTCGAAGTTTTCGACGTGGTCAGAGTGCAATCAGCCA
 CACCGCGGCATCATCGAGGCAGTCTACCTGCGTACACCGTTCTCGGCCGTAACGCTACCACGTAAAGAGCTTCTTGCTTCTTGCAATAGCAGCTG
 CAACCATGGCCTGCGGATCCCAAAACGGCTCCAGGAGCAAGAGCTCAGAGCCATTGTCCAAGACCTGGTTGCGGACCTATTTTTTGGGAACCTA
 CGATAAGCGCTTCCCGGGTTTCATGGCCCCGATAAGCTCGCCTGTGCCATTGTAAATACGGCCGACGTGAGACGGGGGAGAGCACCTGGTTGGCT
 TTCGTTGGAAACCCACGTTCTAACACCTGCTACCTTTTTTGATCCTTTTGATCTCGGATGATCGTCTCAAACAGATTTACCAGTTTGAATATGAGG
 GTCTCCTGCGCCGACGCTCTTGCTACCAAGGACCGCTGATTACGCTGGAAAAATCTACCAGACCGTGCAGGCCCCCGTTCTGCCGCTGCGG
 ACTTTTCTGCTGCATGTTCCCTTACGCGCTTTGTGCACTGGCCTGACCGTCCCATGGACGGAAACCCACCATGAAATTGCTAACTGGAGTGCCAAAC
 AACATGCTTCATTCCTAAAGTCCAGCCACCCCTGTGTGACAAATCAAAAAGCACCTCTACCATTTTCTTAATACCCATTTCGCCCTTATTTTCGCTCTC
 ATCGTACACACATCGAAAGGGCCACTGCGTTCGACCGTATGGATGTTCAATAATGACTCATGTAACAACGTTTCAATAAACATCACATTTATTTT
 TTACATGTATCAAGGCTCTGGATTACTTATTTATTACAAGTCGAAATGGGTTCTGACGAGAAATCAGAAATGACCCGACAGGCAGTGATACGTTGCGGAA
 CTGATACCTGGGTTGCCACTTGAATTCGGGAATCACCAACTTGGGAACCGGTATATCGGGCAGGATGTCACTCCACAGCTTTCTGGTCAGCTGCAAA
 GCTCCAAGCAGGTCAGGAGCGGAAATCTTGAAATCACAAATAGGACCAGTGTCTGAGCGCGAGAGTTGCGGTACACCGGATTCAGCACCTGAAACA
 CCATCAGCGACGGATGTCTACGCTTGCCAGCACGCTGGGATCTGCAATCATGCCACATCCAGATCTTCAGCATTTGGCAATGCTGAACGGGTCTAT⁸
 CTTGCAGGCTCTGCCTACCCATGGCGGACCCAAATTAGGCTTGTTGCAATCGCAGTGCAGGGGATCAGTATCATCTTGGCCTGATCCTGTCTG⁵
 ATTCTGGATACACGGCTCTCATGAAAGCATCATATTGCTTGAAGCCTGTGGCTTTACTACCCCTCGGTATAAACAATCCCGCAGGACCTGTCTG¹⁰
 AAAACTGGTAGCTGCACAGCCGGCATCATTCACACAGCAGCGGGGCTCATTTGTTGGCTATTGCAACACACTCTGCCACAGCGGTTTGGGTGAT⁶
 TTTGGTTCGCTCGGATTCTCCTTAAGGCTCGTTGTCCGTTCTCGCTGGCCACATCCATCTCGATAATCTGCTCCTTCTGAATCATATAATTGCCA
 TGCAGGCACCTCAGCTTGCCCTCATATAATCATTTGCAGCCATGAGGCCACAACGCACAGCCTGTACATTCCCAATTATGGTGGCGGATCTGAGAAAAAG
 AATGTATCATTCCTGCAGAAATCTTCCCATCATCGTGTCTAGTGTCTTAGTGAAGTTAACTGGATGCCCTCGGTGCTCTTCGTTTACGTA
 CTGGTGACAGATGGCTTGATTGTTCTGTTGCTCAGGCATTAGTTTAAACAGGTTCTAAGTTCTGTTATCCAGCCTGTACTTCTCCATCAGCAGA
 CACATCACTTCCATGCCCTTCTCCCAAGCAGACACACAGGGGCAAGCTAATCGGATCTTAAACAGTGCAGGCAGCAGCTCCTTTAGCCAGAGGGTCTAT
 CTTTAGCGATCTTCTCAATGCTTCTTTTGCCATCCTTCTCAACGATGCGCACGGGCGGTAGCTGAAACCCACTGTACAAGTTGCGCCTCTTCTCT
 TTCCTTCTCGCTGCTTGACTGATGCTTGATGGGATAAGTTTGGCTTCTTGGCTTCTTTTGGGGGTATCGGAGGAGGAGGACTGTCGCTC
 CGTTCGGGAGACAGGGAGGATTGTGACGTTTCGCTCACCATTACCAACTGACTGTGCGTAGAAGAACCTGACCCACACAGCGGACAGGTTTCTTCT
 TCGGGGACAGAGGTGGAGGCGATTGCGAAGGGCTGCGGTCGACCTGGAAGGCGGATGACTGGCAGAACCCCTTCCGCTTCGGGGGTGTGCTCCCT
 GTGGCGTCTTAACGTATTCTTTCGCGGCTGGCCATTGTGTTCTCTTAGGCAGAGAAACAACAGACATGGAACACTCAGCCATTGCTGTCAACAT
 CGCCACAGTGCCATCACATCTCGTCTCAGCGACGAGGAAAGGAGCAGAGCTTAAGCATTCACCCGCCAGTCTGCCACCACCTCTACCCCTAGA
 AGATAAGGAGGTGACGCTCTCATGACATGCAGAAATAAAAAGCGAAAGAGTCTGAGACAGACATCGAGCAAGACCCGGGTATGTGACACCCGGTG
 GAACACGAGGAAGATTGAAACGCTTCTAGAGAGAGAGGATGAAAACCTGCCCAAAACAGCGAGCAGATAACTATCACCAAGATGCTGGAAATAGGG

Fig. 17, cont'd

ATCAGAACACCGACTACCTCATAGGGCTTGACGGGGAAGACGGCGCTCCTTAAACATCTAGCAAGACAGTCGCTCATAGTCAAGGATGCAATTATTGGA
CAGAACTGAAGTGCCCATCAGTGTGGAAGAGCTCAGCTGCGCTACGAGCTTAACCTTTTTTACCTCGTACTCCCCCAAAACGTAGCCAAACGGC
ACCTGCGAGCCAAATCCTCGCTTAACCTTTATCCAGCTTTTGCTGTGCCAGAAGTACTGGTACCTATCACATCTTTTTTAAAAATCAAAAAATTC
CAGTCTCCTGCCGCTAATCGCACCCGCGCGATGCCCTACTCAATCTGGGACCTGGTTCACGCTTACCTGATATAGCTTCCCTTGAAGAGGTTCC
AAAGATCTTCGAGGCTCGGGCAATAATGAGACTCGGGCCGCAAAATGCTCTGCAAAAGGGAGAAAAATGGCATGGATGAGCATCACAGCGTTCTGGTG
GAATTGGAAGGCGATAATGCCAGACTCGCAGTACTCAAGCGAAGCGTCGAGGTACACACTTCGCATATCCCGTGTCAACCTGCCCTTAAAGTCA
TGACGGCGTTCATGGACCAGTTACTCATTAAGCGGCAAGTCCCCTTTCAGAAAGACATGCATGACCCAGATGCCGTGTGATGAGGGTAAACCCAGTGGT
CAGTGATGAGCAGCTAACCCGATGGCTGGGCACCGACTCTCCCCGGATTGGGAAGAGCGTCGAAGCTTATGATGGCCGTGGTGTACCGTA
GAACTAGAGTGTCTCCGACGTTTCTTTACCGATTTCAGAAACCTTGCGCAAACTCGAAGAGAACTCTGCACCTACACTTTTAGACACGGCTTTGTGCGGC
AGGCATGCAAGATATCTAACGTGGAACCTACCAACCTGGTTTCTACATGGGTATTCGTGATGAGAACTCGCTAGGACAAAGCGTGTGCACAGCAC
CCTTAAGGGGAAGCCCGCGTGATTACATCCGCGATTGTGTCTATCTCTACCTGTGCCACACGTGGCAAAACCGGCATGGGTGTATGGCAGCAATGT
TTAGAAGAACAGAACTTGAAAGAGCTTGACAAGCTCTTACAGAAATCTCTTAAGGTTCTGTGGACAGGTTTCGACGAGCGCACCGTCCGTTCCGACC
TGGCAGACCTCATCTTCCAGAGCGTCTCAGGGTTACTTTGCGAAACGGATTGCCTGACTTATGAGCCAGAGCATGCTTAAACAATTTTCGCTCTTT
CATCTGGAACGCTCCGGTATCCTGCCCGCACCTGCTGGCACCTGCCCTCCGACTTGTGCTCTCACCTACCGGAGTGGCCCCCGCGCTATGG
AGTCACTGCTACCTGTTCCGTCTGGCCAACTATCTCTCTACCACTCGGATGTGATCGAGGATGTGAGCGGAGACGGCTTGTGAGTGGCACTGCC
GCTGCAATCTGTGCACGCCCCACCGGTCCCTAGCTTGCAACCCCACTGATGAGCGAAACCCAGATAATAGGCACCTTTTGAATGCAAGGCCCCAG
CAGCCAAGGCGATGGGTCTCTCTGGGCAAGTTTAAACCTGACCCCGGACTGTGGACCTCCGCTACTTGGCAAGTTTGTCTCGGAAGATTAC
CACCCCTATGAAATCAAGTTCTATGAGGACCAATCACAGCCTCCAAGGCCGAATTTCCGGTTGCGTCAACCCAGGGGCAATTCCTGGCCCAAT
TGCAAGCCATCCAAAAATCCCGCCAAAGATTTCTACTGAAAGGGTAAGGGGTCTACCTTGACCCCGACCGCGAGGAACCTCAACACAAGGTT
CCCTCAGGATGTCCCAACGACGAGAAAAACAAGAAGTTGAAGGTGCAGCCGCCGCCCAAGAGATATGAGGAAGATTGGGACAGTCAGGCAGAGGA
GGCGGAGGAGGACAGTCTGGAGGACAGTCTGGAGGAAGACAGTTTGAGGAGGAATAACGAGGAGGAGGAGGTGGAAGAAGTAACCCCGACAAA
CAGTTATCCTCGGCTCGGAGACAAAGCAACAGCGCTACCATCTCCGCTCCGAGTCGAGGAACCCGGCGCTCCAGCAGTAGATGGGACGAGACCG
GACGCTTCCGAAACCAACGAGCTTCCAAAGACCGGTAAAGAGGATCGGCAGGGATACAAGTCTTGCGGGGGCATAGAATGCCATCATCTCCTG
CTTGATGAGTGGGGGCAACATATCTTACGCGGCGCTACTTGCTATTCACCATGGGGTGAACTTTCCGCGCAATGTTTTGCATTACTACCGT
CACCTCCACAGCCCTACTATAGCCAGCAATCCCGACAGTCTCGACAGATTAAGACAGCGCGCGGACCTCCAACAGAAAAACAGCAGCGGCAGT
AGAAAAACACAAACAGTGCAGCAACAGGAGGATTAAAGATTACAGCCACGAGCCAGCGCAACCCGAGAGTTAAGAAATCGGATCTTTCCAACCC
TGATGCCATCTTCAGCAGAGTCGGGTCAAGAGCAGGAACCTGAAATAAAAAACCGATCTCTGCGTTCCGTCACCAAGATTGTTGTATCACAA
GAGCGAAGATCAACTTCAGCGCACTCTCGAGGACGCCGAGGCTCTCTTCAACAAGTACTGCGCGCTGACTCTTAAAGAGTAGGCAGCGACCGCGCTT
ATTCAAAAAAGGGGGAATTACATCATCTCTCGACATGAGTAAGAAATTTCCACGCGCTTACATGTGGAGTTATCAACCCCAATGGGATTGGCAGCA

Fig. 17, cont'd

GGCGCTCCAGGACTACTCCACCCGCATGAATTGGCTCAGCGCCGGGCTTCTATGATTTCTCGAGTTAATGATATACGCGCTACCGAAACCAAA
TACTTTTGGAAACAGTCAGCTCTTACCACCACGCCCCCGCCACACCTTAATCCAGAAATTGGCCCGCCGCTAGTGTACCAGGAAAGTCCCGCTCC
CACCAGTGTATTACTTCTCGAGACGCCAGCCGAGTCCAAATGACTAATGCAGGTGCGCAGTTAGCTGGCGGCTCCACCCTATGTGTCACACGG
CCTCGGCATAATATAAAACGCCCTGATGATCAGAGGCCGAGGTATCCAGCTCAACGACGAGTCGGTGAGCTCTCCGCTTGGTCTACGACACAGACGGAA
TCTTTCAGATTGCCGGCTGCGGGAGATCTTCTTACCCCTCGTCAGGCTGTCTGACTTTTGGAAAGTTCTGCTTCGCAACCCCGCTCGGGCGGAAT
CGGACCGTTCAATTTGTAGAGGAGTTTACTCCCTCTGTCTACTTCAACCCCTTCTCGGATCTCTGGGACTACCCGACGAGTTCATACCGAAC
TTCGACGCGATTAGCGAGTCAGTGGACGGCTACGATTGATGTCTGGTGACGCGGCTGAGCTATCTCGGCTGCGACATCTAGACCACTGCCGCGCTT
TCGCTGCTTTGCCCGGGAACCTTATTGAGTTTCATCTACTTCGAACTCCCAAGGATCACCCCTCAAGGTCCGGCCACGAGTGCGGATTACTATCGAA
GGCAAAATAGACTCTCGCCTGCAACGAATTTCTCCAGCGGCCGCTGCTGATCGAGCGAGACCCAGGAAACACCCACGGTTTCCATCTACTGCATTT
GTAATCACCCCGGATTGCATGAAAGCCTTTGCTGTCTTATGTGTACTGAGTTTAATAAAACTGAATTAAGACTCTCCTACGGACTGCCGCTTCTTC

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Fig. 17, cont'd

AACCCGGATTTTACAACCAGAAGAACAAAACCTTTTCTGTGCTCCAGGACTCTGTAACTTACCTTTTCTACTCACAAACTAGAAAGCTCAACGACT
 ACACCGCTTTTCCAGAAGCATTTTCCCTACTAATACTACTTTCAAAACCCGGAGGTGAGCTCCACGGTCTCCCTACAGAAAACCCTTGGGTGGAAGCG
 GGCCTTGTAGTAGGAATTTCTGCGGGTGGCTTGTGATTATCTTTGCTACCTATACACACCTTGTCTTCACTTTCTCTAGTGGTGTGTGGTATT
 GGTTTAAAAAATGGGGCCCATAGTCTTGTGTTTTACTTTTTCGCTTTTGGAAACCGGTTCTGCCAATTACGATCCAATGTCTAGACTTTTGACCCA
 GAAAACTGCACACTTACTTTTGCACCCGACACACAAGCCGATCTGTGGAGTTCTTATTAAAGTGGGATGGGAATGCAGGTCCGTTGAAATTACACACA
 ATAACAAAACCTGGAACAAATACCTTATCCACCACATGGGAGCCAGGAGTCCCGAGTGGTACACTGTCTCTGTCGAGGTCTGACGGTTCCTATCCG
 CATTAGTAACAACACTTTTCAATTTTCTGAAATGTGCGATCTGGCCATGTTTATGAGCAACAGTATTCTCTATGGCCTCCTAGCAAGGACAACATC
 GTAACGTTCTCCATTGCTTATTGCTTGTGCGCTTGCCTTCTTACTGCTTACTGTGCGTATGCATACACCTGCTTGTAAACCACTCGCATCAAAAACG
 CCAATAACAAAGAAAAATGCCTTAACCTCTTTCTGTTTACAGACATGGCTTCTCTACATCTCTCATATTTGTGACGATTTGTCTGCTCAGG
 GACAAACAGTCGTCTCTATCCACCTAGGACATAAATTACACTCTCATAGGACCCCAATCAGTCTCAGAGGTCTCTGGACCAAACTGGGAAGCGTTGA
 TTACTTTGATATAATCTGTAAACAAACAAACCAATAATAGTAACCTTGCAACATACAAAATCTTACATTGATTAAATGTTAGCAAAGTTTACAGCGGT
 TACTATTATGGTTATGACAGATACAGTAGTCAATATAGAAATTACTTGGTTCGTGTACCCAGTTGAAAACCCAGAAAAATGCCAAATATGGCAAGA
 TTCGATCCGATGACAAATCTCTAGAACTTTTACATCTCCACACACCCGACGAAAAAACAATCCAGATTCAATGATTGCAATTGTTGCAGCGGT
 GGCAGTGGTATGGCATAATAATAATGTCATGCTTTTATATGCTTGTGCTACAAAAGTTTTCATCTAAAAACAAGATCTCTACTAAGGCTT
 AACATTTAATTTCTTTTATACAGCCATGGTTTCCACTACCACATTCCTTATGCTTACTAGTCTCGCACTGACTTCTGCTCGCTCACACCTCAC
 TGTAACTATAGGCTCAAACCTGACACTAAAAGGACCTCAAGGTGGTTCATGTCTTTTGGTGGAGATATATGACAAATGGATGGTTTACAAAACCATGT
 GACCAACCTGGTAGATTTTCTGCAACGGCAGAGACCTAACCAATTATCAACGTGACAGCAATGACAAAGGCTTCTATTATGGAACCGACTATAAAA
 GTAGTTTAGATTATAACATTATTGTACTGCCATCTACCACCTCCAGCACCCCGCACAACTACTTCTCTAGCAGCAGTGTGCTAACAAATACAAATTC
 CAATCCAACCTTTGCGCGCTTTTAAAACGCACTGTGAATAATTCTACAACCTTCACATACAACAATTTCCACTTCAACAATCAGCATCATCGCTGCA
 GTGACAAATTGGAATATCTATTCTGTTTTTACCATAACCTACTACGCCCTGCTATAGAAAAGACAAACATAAAGGTGATCCATTACTTAGATTG
 ATATTTAATTTGTTCTTTTTTTTATTACAGTATGGTGAACACCAATCATGGTACCTAGAAATTTCTTCTTCCCATACTCATCTGTGCTTTTAA
 GTTTGCGCTACTTTCACAGCAGTAGCCACAGCAACCCAGACTGTATAGGAGCATTTGCTTCTCTATGCACCTTTTGTCTTTTACTTGCATCTGCG
 TATGTAGCATAGTCTGCCCTGGTTATTAAATTTTTCCAACTTCTAGACTGGATCCTTGTGCGAATTGCCTACCTGCGCCACCATCCCGAATACCGCAA
 CCAAAATATCGCGGCACTTCTTAGACTCATCTAAACCATGCGGCTATACCTACCAATATTTTGTCTCTATTGCTTCCCTACGCTGTCTCAACCCC
 AGCTGCCCTATAGTACTCCACCAGAACACCTTAGAAAATGCAAAATCCAAACACCGTGGTCAATTTCTGCTTGTCTATCGAGAAAAATCAGAAATCCCC
 CCAAAATTAATGATTGCTGGAATAATAATAATCTGTTGCACCAATAATTTCAATTTTGTATATACCCCTATTGATTTTGGCTGGAATGCTC
 CCAATGCACATGATCATCCACAAGACCCAGAGGAACACATTTCCCCACAAAAACATGCAACATCCAATAGCGCTAATAGATTACGAAAGTGAACCACA
 ACCCCCCTACTCCCTGCTATTAGTTACTTCAACCTAACCGCGGAGATGACTGAACACCTCACCACTCCAATTCGCGCGAGGATCTGCTCGATAT
 GGACGGCGCGTCTCAGAACAAACGACTTGCCCAACTACGCATCCGCGCAGCAGGAAACCGGTGGCCAAAGAGCTCAGAGATGTATCCAAATTCAC
 CAATGCAAAAAAGGCATATTCTGTTTGGTAAAAACAAGCCCAAGATATCTACGAGATCACCGCTACTGACCATCGCCTCTCTTACGAACCTTGGCCCCC

Fig. 17, cont'd

AACGACAAAAATTTACCTGCATGGTGGGAATCAACCCCATAGTTATACCCCAACAAAGTGGAGATACTAAGGGTTGCAATTCACCTGCTCCTGCGGATTCCATCGAGTGCACCTACACCCCTGCTGAAGACCCCTATGCGGCCCTAAGAGACCTGCTACCAATGAATTAACCAAAAAATGATTAAATAAAAAATCACATTACTTGAATCAGCAATAAGGTCTCTGTTGAAATTTTCTCCAGCAGCACCTCACCTCCCTCTTCCCAACTCTGGTATTTCTAAACCCCGTTTCCAGCGGCATATCTTCTCCATACTTTAAAGGGGATGTCAAAATTTAGCTCCTCTCCTGTACCCACAACTTTCTTCTCCAGATGACCAAGAGAGTCCGGCTCAGTGACTCCTTCAACCCCTGTACCCCTATGAAGATGAAAGCACCTCCCAACACCCCTTTATAAACCCAGGGTTATTTCCCCAAATGGCTTCACA
CAAAGCCAGACGGAGTTCTTACTTTAAAAATGTTTAAACCCCACTAACCAACACAGGCGGATCTACAGCTAAAGTGGGAGGGGACTTACAGTGGATGACACTGATGGTACCTTACAAGAAAAACATACGTGCTACAGCACCCATTACTAAAAATACTACTCTGTAGAACTATCCATTGGAAATGGATTAGA
AACTCAAAACAAATAAACTATGTGCCAAATGGGAAATGGGTTAAAAATTTAACACCGGTGACATTTGTATAAAGGATAGTATTAACACCTTATGGACT
GGAATAAACCCCTCCACCTAACTGTCAAATTTGTGGAACACACTAATAACAAATGATGGCAAACTTACTTTAGTATTAGTAAAAAATGGAGGGCTTGTTA
ATGGCTACGTGCTCTAGTTGGTGTATCAGACACTGTGAACCAATGTTACACAAAAAGACAGCAACATCCAAATTAAGATTATATTTGACTCTTC
TGGAAATCTATTAACTGAGGAATCAGACTTAAAAATCCACTTAAAAATAAATCTTCTACAGCGACCAAGTGAACCTGTAGCCAGCAGCAAGCCCTTT
ATGCCAAGTACTACAGCTTATCCCTTCAACACCCACTACTAGGGATAGTGAAAACTACATTCATGGAATATGTTACTACATGACTAGTTATGATAGAA
GTCTATTTCCCTTGAACATTTCTATAATGCTAAACAGCCGTATGATTTCTTCCAAATGTTGCCATGCCATACAATTTGAATGGAATCTAAATGCAAG
TGAATCTCCAGAAAGCAACATAGCTACGCTGACCACATCCCCCTTTTCTTTCTTACATTACAGAAGCAGCAACTAAAAATAAGTTTAAAGTGTTC
TTATTTAAAAACAAAAATTCGAGTAGTTATTTTGCCTCCACCTTCCCAATTTGACAGAATACACCAATCTCTCCACGACACAGCTTTAAACATTTG
GATACCATTTAGAGATAGACATTTGTTTAGATTCCACATTTCCAAACAGTTTCAGAGCGAGCCAACTCTGGGTGCTAGTATAGATAAAAAATCCATCGCGA
TAGTCTTTTAAAGCGCTTTCACAGTCCAACTGCTGCGGATGCGACTCCGGAGTTTGGATCACGGTCATCTGGAAGAAGAACGATGGGAATCATAATC
CGAAAACGGTATCGGACGATTGTGCTCATCAAAACCCACAGCAGCGCTGTCTGCTCGCTCCGTGGACTGCTGTTTATGGGATCAGGTCACACA
GTTTCTGGAAGCATGATTTTAAATAGCCCTTAACATCAACTTTCTGGTGGATGCGCGCAGCAACGCAATCTGATTTCACTCAAACTCTTTCAGTAGG
TACAACACATTATTACAATATTGTTTAAATAAACCATAAATTAAGCGCTCCAGCCAAACTCATATCTGATATAATCGCCCTGCATGACCATCAT
CCAAAGTTTAAATAAAATGAATGACGTTCCCTCAAAAAACACACTACCCACATACATGATCTCTTTGGCATGTGCATATTAACAACTCTGCTGTAC
CATGGACAACGTTGGTTAATCATGCAACCCCAATATAACCTTCGGAAACCCACTGCCAACACCGCTCCCCAGCCATGCATTGAAGTGAACCCCTGCT
GATTACAAATGACAAATGAAGAACCCCAATCTCTCGACCGTGAATCACCTTGAGAAATGAATAATATCTATAGTGGCACAAACATAGACATAAAATGCATGCA
TCTTCTCATAATTTTAACTCCTCAGGATTTAGAAAACATATCCAGGGAATAGGAAGCTCTTGCAAGAACAGTAAAGCTGGCAGAACAAGGAAGACCA
CGAACACAACCTTACACTATGCATAGTCATAGTATCACAATCTGGCAACAGCGGTGGTCTTCAGTCATAGAAGCTCGGGTTTCAATTTTCTCACAAAC
GTGGTAACTGGGCTCTGGTGTAAAGGTGATGTCTGGCGCATGATGTCGAGCGTGCAGCAACCTTGTCTATAATGGAGTTGCTTCTGACATTTCTCGT
ATTTTGTATAGCAAAAACGCGGCCCTGGCAGAACACACTCTTCTCGCCTTCTATCCTGCGGCTTAGCGTGTCCGTGTGATAGTTCAAGTACAGCCA
CACTCTTAAGTTGGTCAAAAAGAAATGCTGGCTTCAGTTGTAAATCAAAAACCTCCATCGCATCTAATTTGTTCTGAGGAAATCATCCACGGTAGCATATGCA
AATCCCAACCAAGCAATGCAACTGGATTGCGTTTCAAGCAGGAGAGGAGGGGAAGAGACGGGAAGAACCATGTTAATTTTATTTCCAAACGATCTCG

Fig. 17, cont'd

CAGTACTTCAAATTGTAGATCGCGCAGATGGCATCTCTCGCCCCCACTGTGTTGGTGAAAAAGCACAGCTAAATCAAAAGAAATGCGATTTTCAAGG
TGCTCAACGGTGGCTTCCAACAAAGCCTCCACGGGCACATCCAAGAACAAAAGAAATACCAAAAGAGGAGCATTTTCTAACTCCTCAATCATCATAT
TACATTCTGCACCATTTCCAGATAATTTTTCAGCTTTCCAGCCTTGAATTAATCGTGTGAGTTCTTTGTGGTAAATCCAAATCCACACATTTACAAACAG
GTCCCGGAGGGCGCCTCCACCACCATTTCTTAACACACCCCTCATAATGACAAAAATATCTTGCTCCTGTGTACCTGTAGCGAATTGAGAAATGGCAA
CATCAATTGACATGCCCTTGGCTCTAAGTTCTTTAAGTTCTAGTTGTAAAAACTCTCTCATATTATCACCAAACTGCTTAGCCAGAAAGCCCCC
GGGAACAAGAGCAGGGGACGCTACAGTGCAGTACAAGCGCAGACCTCCCCAATTGGCTCCAGCAAAAACAAGATTGGAATAAGCATATTGGGAACCA
CCAGTAATATCATCGAAGTTGCTGGAAATATAATCAGGCAGAGTTCTTTGTAGAAATTGAATAAAGAAAAATTTGCCAAAAAACATTTCAAAACCT
CTGGGATGCAAAATGCAATAGGTTACCGCGCTCGCTCCAACATTGTTAGTTTGAATTAAGTCTGCAAAAATAAAAAAAAACAAGCGTCATATCATA
GTAGCCTGACGAACAGGTGGATAAATCAGTCTTTCCATCACAAGACAAAGCCACAGGGTCTCCAGCTCGACCCCTCGTAAAAACCTGTGATCGTGATTAA
ACAACAGCACCGAAAGTTCTCGCGGTGACCAGCATGAATAAGTCTTGATGAAGCATACAATCCAGACATGTTAGCATCAGTTAAGGAGAAAAAACA

Fig. 17, cont'd

GCCAACATAGCCTTTGGGTATAATTATGCTTAATCGTAAGTATAGCAAAAGCCACCCCTCGCGGATACAAAGTAAAAGGCACAGGAGAAATAAAAAATA
TAATTATTTCTCTGCTGCTGTTTAGGCAACGTGCCCCCGTCCCTCTAAATACACATACAAAGCCTCATCAGCCATGGCTTACCAGAGAAAAGTACA
GCGGACACACAACCAAGCTCTAAGTCACTCTCCAACCTCTCCACAATATATACACAAGCCCTAACTGACGTAAATGGGACTAAAGTGTA
AAATCCGCGCAAAACCAACACACACACCCGAAACTGCGTCACGAGGAAAAGTACAGTTTCACCTCCGCAATCCCAACAAGCGTCACCTTCTCTTCT
CACGGTACGTACATCCCATTAACCTTACAACGTCAATTTCCACGCGCGCCCTTTTAAACCGTTAACCCACAGCCAATCACCAACAGGCCCC
ACACTTTTAAAAATCACCTCATTTACATAATTGGCACCATTCATCTATAAGGTATATTATGATGATG

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CATCATCAATAATATACCTTATAGATGGAATGGTGCCAATATGTAATGAGGTGATTTTAAAAAGTGTGGCGCTGTGGTATTGGCTGTGGGGTTA
ACGGTTAAAGGGCGCGCGCGGTGGGAAAATGACGTTTTATGGGGTGGAGTTTTTTTGCAAGTTGTGCGGGGAAATGTTACGCATAAAAAGGC
TTCTTTTCTCACGGAACCTAGTTTCCACGGTATTTAACAGGAAATGAGGTAGTTTTGACCGGATGCAAGTGAAATTTGCTGATTTTCGCGCG
AAACTGAATGAGGAAGTGTTCGTAATAATGTGGTATTTATGGCAGGGTGGAGTATTTGTTTCAGGGCCAGGTAGACTTTTGACCCATTACGTGGA
GGTTTCGATTACCGTGTTCCTCGGTACCGTGTCAAAGTCTTCGTTTTTACGTAGGTGTCAGCTGATCGTAGGGTATTTTATAC
CTCAGGGTTGTGTCAGAGGCCACTCTTGAGTGCCAGCGAGAAGAGTTTTCTCTCTGCGCGGCAGTTTAAATAAAAAATGAGAGATTTGCG
ATTTCTGCCCTCAGGAAATAATCTCGCTGAGACTGGAATGAAATATTGGAGCTTGTTGTCACGCCCTGATGGGAGACGATCCGGAGCCACCTGTG
CAGCTTTTGGAGCCCTCCTACGCTTCAGGAACCTGATGATTTAGAGGTAGAGGGATCGGAGGATTTCTAATGAGGAAGCTGTGAATGGCTTTTTTACCG
ATTCTATGCTTTTAGCTGCTAATGAAGGATTAGAAATTAGATCCGCCTTTGGACACTTCAATACTCCAGGGTGATTGTGGAAGCGGTACAGGTG
AAGAAAATTACCTGATTTGAGTTCGCTGGACTGTGATTTGCACCTGCTATGAAGACGGTTTTCTCCGAGTGATGAGGAGGACCATGAAAAGGAGCAG
TCCATGCAGACTGCAGCGGGTGAGGGAGTGAAGGCTGCCAATGTTGGTTTTTCAGTTGGATTGCCCGGAGCTTCCTGGACATGGCTGTAAGTCTTGTG
AATTTACAGGAAAATACCTGGAGTAAAGGAACCTGTTATGTTTCGCTTTGTTATATGAGAACGCACCTGCCACTTTATTTACAGTAAGTGTGTTTAAAGT
TAAATTTAAGGAATATGCTGTTTTTCACATGTATATTGAGTGTGAGTTTTGCTTCTTATATAGTCCCTGTCTGTGATGCTGATGAATCACCA
TCTCCTGATTTCTACTACCTCACCTCCTGATATCAAGCACCTGTTCTCTGTGGACGTGGCAAGCCCATTCCTGTGAAGCTTAAGCCTGGGAAACGTC
CAGCAGTGGAGAAACTTGAGGACTTGTACAGGGTGGGACGGACCTTTGGACTTGAGTACACGGAAACGTCCAAGACAATAAGTGTTCATATCCG
TGTTTACTTAAGGTGACGTCATATTTGTGTGAGAGTGCAATGTAATAAAAAATGTTAACTGTTCACTGGTTTTTATTGCTTTTTTGGCGGGGACT
CAGGTATATAAGTAGAAGCAGACCTGTGTGGTTAGCTCATAGGAGCTGGCTTTTCATCCATGGAGGTTTGGGCCATTTTGAAGACCTTAGGAAGACT
AGGCAACTGTTAGAGAGCGCTTCGGACGGAGCTCCGGTTTTTGGAGATTCTGGTTCGCTAGTGAATTAGCTAGGGTAGTTTTTAGGATAAAACAGG
ACTATAACAAGAAATTTGAAAAGTTGTTGGTAGATTGCCCAGGACTTTTTGAAGCTCTTAAATTTGGGCCATCAGGTTTCACTTTAAAGAAAAAGTTTT
ATCAGTTTTAGACTTTTCAACCCAGGTAGAACTGCTGCTGCTGTGGCTTTCTTACTTTTATATTAGATAAATGGATCCCGCAGACTCATTTTCAGC
AGGGGATACGTTTTGGATTTTCATAGCCACAGCATTTGTGGAGAACATGGAAGGTTCCGAAGATGAGGACAATCTTAGGTTACTGGCCAGTGCAGCCTT
TGGGTGTAGCGGGAATCCTGAGGCAATCCACCGGTTCATGCCAGCGGTTCTGGAGGAGGAACAGCAAGAGACAACCCGAGAGCGCGCCTGGACCTCC

Fig. 17, cont'd

AGTGGAGGAGCGAGTAGCTGACTTGCTCCTGAACTGCAACGGGTGCTTACTGGATCTACGTCCACTGGACGGGATAGGGCGGTTAAGAGGGGAGA
GGGCATCCAGTGGTACTGATGCTAGATCTGAGTTGGCTTTAAGTTTAATGAGTCGCAGACGTCTGAAACCAATTTGGTGGCATGAGGTTTCAAGAAAGA
GGGAAGGGATGAAGTTTCTGTATTGCGAGGAGAAATATTCACCTGGAACAGGTGAAACACATGTGGTTGGAGCCAGAGGATGATTGGCGGGTGGCCATT
AAAAATTATGCCAAGATAGCTTTGAGGCCCTGATAACACAGTATAAGATCAGTAGACGGATTAAATCCGGAATGCTTGTACATATCTGGAATATGGG
CTGAGGTGGTAATAGATACTCAAGACAAGACAGTTATTAGATGCTGCATGATGGATAATGTGGCCTGGAGTAGTCGGTATGGAAGCAGTCACTTTGT
AAATGTTAAGTTTAGGGGAGATGGTTATAATGGAATAGTGTATTGGCCAAATACCAACCTTATATGTCATGGTTGTAGCTTTTTTGGTTTCAACAAT
ACCTGTGTAGATGCCCTGGGACAGGTTAGTGTACGGGGGTAGTTTCTATGCGTGTGGATTGCCACAGCTGGCAGAACCAAGAGTCAATTGTCCTC
TGAAGAAATGCATATTTCCAAAGATGTAACTGGGCATTCTGAATGAAGCGGAAGCAAGGTCCTCACTGCGCTTCTACAGATACTGGATGTTTTAT
TTTAATTAAAGGGAATGCCAGCGTAAAGCATAAACATGATTTGTGGTCTCCGATGAGAGGCCCTTATCAAATGCTCACTTGTGCTGGTGGCATTGT
AATATGCTGGCTACTGTGCATATTGTTTCCCATCAACGCAAAAAATGGCCTGTTTTGATCACAATGTGTGACCAAGTGCACCATGCATGCAGGTG
GGCGTAGAGGAATGTTTATGCCTTACCAGTGAACATGAATCATGTGAAAGTGTGTGGAAACCAGATGCCCTTTCCAGAATGAGCCTAACAGGAAT
CTTTGACATGAACACGCAAACTGGAAGATCCTGAGGTATGATGATACGAGATCGAGGTGCGGCAATGCGAATGCGGAGGCAAGCATGCCAGGTTT
CAGCCGGTGTGTAGATGTGACCGAAGATCTCAGACCGGATCATTTGGTTATTGCCCGCACTGGAGCAGAGTTCGGATCCAGTGGAGAAGAACTG
ACTAAGGTGAGTATTGGGAAACCTTTGGGTGGGATTTTCAGATGGACAGATTGAGTAAAAATTTGTTTTCTGCTTGCAGCTGACATGAGTGA⁹
AATGCTCTTTTAAAGGGGGAGCTTTCAGCCCTTATCTGACAGGGGCTCTCCCATCTGGGCAGGAGTTCGTAGAAATGTTATGGGATCTACTGTGG¹⁰
ATGGAAGACCCGTTCAACCCGCCAATTTCTCAACGCTGACCTATGCTACTTTAAGTTCTTCAACCTTTGGACGAGCTGCAGCCGCTGCCGCCCTC¹¹
TGTCGCCGCTAACACTGTGCTTGGAAATGGGTACTATGGAAGCATCGTGGCTAATTCACCTTCTCTAATAACCCCTTCTACACTGACTCAGGACAAG¹²
TTACTTGTCTTTTGGCCAGCTGGAGGCTTGACCCCAACGCTGGGTGAACCTTCTCAGCAGGTGGCCGAGTTCGAGTACAAACTGAGTCTGCTG
TCGGCACGGCAAGTCTAAATAAAAAAATTCAGAAATCAATGAATAAATAACGAGCTTGTGTGATTTAAATCAAGTGTTTTTTATTTCATTTT
TCGGCACGGTATGCCCTGGACCACCGATCTCGATCATTGAGAACTCGGTGGATTTTTCAGAAATCCTATAGAGGTGGGATTGAATGTTTAGATAC
ATGGGCATTAGGCCGCTTTGGGGTGGAGATAGCTCCATTGAAGGGATTCTCGGGGTAGTGTGTAATCACCCAGTCAACCAAGGTGCGCA
GTGCATGGTGTGCACAATATCTTTAGAAGTAGGCTGATGCCACAGATAAGCCCTTGGTGTAGGTGTTTACAACCCGTTGAGCTGGGAGGGGTG
CATTGAGGTGAAATTAATGTGCATTTTGGATTGGATTTTAAAGTTGGCAATATTGCCGCCAAGATCCCGTCTTGGGTTTCATGTTATGAAGGACTACC
AAGACGGTGTATCCGGTACATTTAGGAAATTTATCGTGCAGCTTGGATGGAAAGCGTGGAAAAATTTGGAGACACCCCTTGTGTCTCCGAGATTTT
CCATGCACTCATCCATGATAATAGCAATGGGGCCGTGGGCAGCGCGCGGCAACACAGTTCCTGGGTCTGACACATCATAGTTATGTTCCCTGAGT
TAAATCATCAAGCCATTTTAAATGAATTTGGGGGGAGCGTACCAGATTGGGTATGAATGTTCTTCGGGGCCCCGGAGCATAGTTCCCTCACAG
ATTTGCAATTTCCCAAGCTTTCAGTTCTGAGGTGGAATCATGTCCACCTGGGGGGCTATGAAGAACACCGTTTCGGGGCGGGGGTGAATTAGTTGGG
ATGATAGCAAGTTTCTGAGCAATTGAGATTTGCCACATCCGGTGGGGCCATAAATAATTCGATTACAGGTTGCAGGTGGTAGTTTAGGGAACGGCA
ACTGCCGTCTTCTCGAAGCAAGGGGGCCACCTCGTTTCATCATTTTCCCTTACATGCATATTTTCCCGCACCAAAATCCATTAGGAGGGCTCTCTCTCT
AGTGATAGAAGTTCTTGTAGTGAGGAAAAAGTTTTTTCAGCGGTTTTTAGACCGTCAGCCATGGGCAATTTTGGAAGAGTTTTGCTGCAAAAGTTCTAGTC

Fig. 17, cont'd

TGTTCCACAGTTCAGTGATGTGTTCTATGGCATCTCGATCCAGCAGACCTCCTCGTTTCGCGGGTTTGGACGGCTCCTGGAGTAGGGTATGAGACGA
TGGGCGTCCAGCGCTGCCAGGGTTCGGTCCCTCCAGGGTCTCAGTGTTCGAGTCAGGGTGTTCGTCACAGTGAAGGGGTGTCGCCCTGCTTGGG
CGCTTGCCAGGGTGGCTTCAGACTCATTCTGCTGGTGGAGAACTTCTGTGCTTGGGCCCTGTATGTCGGCCAAGTAGCAGTTTACCATGAGTTC
GTAGTTGAGCGCCTCGGCTGCGTGGCTTTGGCGGAGCTTACCTTTGGAAGTTTCTTGCAACCGGGCAGTATAGGCATTTTCAGCGCATACAGC
TTGGGCGCAAGGAAATGGATTCTGGGAGTATGCATCCGCGCCGAGGAGGCGCAACAGTTTCACATTCCACCAGCCAGGTAAATCCGGTTCAT
TGGGTCAAAAACAAGTTTCCGCCATAATTTTGATGCGTTTCTTACCTTTGGTCTCCATAAGTTCGTGTCTCGTTGAGTGACAAACAGGCTGTC
CGTATCTCCGTAGACTGATTTACAGGCCTCTTCTCCAGTGGAGTGCCCTCGGTCTTCTTCGTACAGGAACCTGTACCACCTCTGATACAAAGGCGCGC
GTCAGGCCAGCACAAAGGAGGCTATGTGGGAGGGTAGCGATCGTTGTCAACCAGGGGTCCACCTTTTCCAAAGTATGCAAAACACATGTACCCCT
CTTCAACATCCAGGAATGTGATTGGCTTGTAAGTGATTTTCAGGTGACCTGGGGTCCCCGCTGGGGGGGTATAAAAGGGGCGGTTCCTTGCTCTTC

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Fig. 17, cont'd

CTCACTGTCTCCGGATCGCTGTCCAGGAACGTCAGCTGTTGGGGTAGGTATTCCTCTCGAAGGCGGGCATGACCTCTGCACTCAGGTTGTCAAGTT
TCTAAGAACGAGGAGGATTTGATATTGACAGTGCCGGTTGAGATGCCCTTTCATGAGGTTTTCGTCCATTTGGTCAGAAAACACAAATTTTTTATTGT
CAAGTTTGGTGGCAAATGATCCATACAGGGCGTTGGATAAAGTTTGGCAATGGATCGCATGGTTTGGTTCTTTTCTTGTCCGCGCGCTCTTTTGGC
GGCGATGTTGAGTTGGACATACTCGCGTCCAGGCACTTCCATTCCGGGAAGATAGTTGTTAAATTCATCTGGCACGATTTCTACTTGGCACCCCTCGA
TTATGCAAGGTAATTAATCCACACTGGTGGCCACCTCGCCTCGAAGGGTTTCATTTGGTCCACAGAGCCTACCTCCTTTCTTAGAACAGAAAAGGGG
GAAGTGGGTCTAGCATAAGTTTCATCGGGAGGCTGTCATCCATGGTAAAGATCCCGGAAGTAAATCCCTTATCAAAATAGCTGATGGGAGTGGGTCTC
ATCTAAGGCCATTTGCCATTTCTGAGCTGCCAGTGCGCGCTCATATGGGTTAAGGGACTGCCAGGGCATGGATGGGTGAGAGCAGAGGCATAC
ATGCCACAGATGTCATAGACGTAGATGGGATCCTCAAAGATGCCTATGTAGGTTGGATAGCATCGCCCCCTCTGATACCTTGTCTGCACATAGTTCAT
ATAGTTTCATGTGATGGCGCTAGCAGCCCGGACCCCAAGTTGGTGGATTTGGTTTCTGTTCTGTAGACGATCTGGCGAAAGATGGCGTGAGAAAT
GGAAGAGATGGTGGTCTTTGAAAAATGTTGAAATGGGCATGAGGTAGACCTACAGAGTCTCTGACAAAGTGGGCATAAGATTCCTTGAAGCTTGGTT
ACCAGTTCCGCGGTGACAAGTAGCTAGGGCGCAGTAGTCAAGTGTCTTGAATGATGTCATAAACCTGGTTGGTTTTCTTTTCCCACAGTTCCGC
GGTTGAGAAGGTATTTCTTCGGATCCTTCCAGTACTCTTACGGGAACCCCGTCTTTGTCTGCACGGTAAGATCCTAGCATGTAGAACTGATTAAAC
TGCTTGTAGGGCAGCAGCCCTTCTACGGGTAGAGATATGCTTGAGCAGCTTTTCGTAGCGAAGCGTGAGTAAGGGCAAAAGGTGTCTCTGACC
ATGACTTTGAGAAATTTGAACTCATGTCTCACAGGCTCCCTGTTCCAGAGTTGGAAGTCTACCCGTTTTCTTGTAGCGGGGTGGGCA
AAGCGAAAGTAACATCATTTGAAGAGAACTTTACCGGCTCTGGGCATAAAATTCGAGTGTATGCGGAAAGGCTGTGGTACTTCCGCTCGATTGTTGAT
CACCTGGGCAGCTAGGACGATTTCTGCGAAACCGTTGATGTTGTCTACGATGTATAATTCATGAACCGCGCGTGCCTCTGACGTGAGGTAGC
TTACTGAGCTCATCAAAGGTAGGTCTGTGGGTCAGATAAGCGTAGTGTTCGAGAGCCCATTCGTGCAGGTGAGGATTTGCAATGTAAGGAATGATG
ACCAAAGATCTACGCCAGTGCTGTTTGTAACTGGTCCCGATACTGACGAAATGCGGGCCAAATGGCAATTTTCTGGAGTGACACAGTAGAAGGT
TCTGGGGTCTTGTGCCATCGATCCCACTTGAGTTTAAATGGCTAGATCGTGGGCCATGTTGACGAGACGCTCTTCTCCTGAGAGTTTCATGACCAGC
ATGAAAGGAAC TAGTTGTTGCCAAAGGATCCCATCCAGGTGAAGTTCCACATCGTAGGTGAGGAAGAGTCTTTCTGTGCGAGGATGAGAGCCGA
TCGGGAAGAACTGGATTTCTGCCACCAGTTGGAGGATGGCTGTGATGTGATGGAAGTAGAAGTTTCTGCGGCGCGCCGAGCATTCGTGTTTGTG
CTTGTACAGACGGCCGAGTAGTCGACGGGTTGATCTCGTGAATGAGCTGTACCTGGCTTCCCTTGACGAGAAATTTTCAGTGGGAAG
CCGAGGCTGGCGATTGTATCTCGTCTCTTCTATATTGCTGTATCGGCTGTTTCATCTTCTGTTTCGATGGTGGTTCATGCTGACGAGCCCCCGCG
GGAGGCAAGTCCAGACCTCGGCGCGGGAGGGCGGAGCTGAAGGACGAGAGCGGAGGCTGGAGCTGTCCAGAGTCTTCCAGAGCTGCGGACTCAG
GTTAGTAGGTAGGACAGAAGATTAACTTGATGATCTTTCCAGGGCTGCGGAGGTTTCAGTACTGATTTCCACAGGTTTCGTTTGTAGAG
ACGTCAAATGGCTTGACAGGTTCCGTGTCCTTTGGGCGCCACTACCGTACCTTTGTTTTTCTTTTGTATCGGTGGTGGCTCTCTTGTTCATGTC
TCAGAAGCGGTGACGGGGACGCGCGCGGGCGGACGGGTTGTTCCGGACCCGGGGCATGGCTGGTAGTGGCACGTCGGCGCCGCGCACGGGCGAGG
TTCTGGTATTGCGCTCTGAGAAGACTTGGCTGCGCCACCACCGCTCGATTGACGCTTGTATCTGACGCTCTCTGGGTGAAAGCTACCGGCCCGCTGA
GCTTGAACCTGAAAGAGAGTTCAACAGAAATCAATTTCCGTATCGTTAACGGCAGCTTGCTCAGTATTTCTTGTACGTACCAGAGTTGTCTGGTA
GGCGATCTCCGCCATGAACGTGCTCGATTTCTTCTCCTGAAGATCTCCGCGACCCGCTCTTTTCGACGCTGGCGCGGAGGTCAATGGAGATACGGCCC

Fig. 17, cont'd

ATGAGTTGGGAGAAATGCATTTCATGCCCGCCTCGTTCCAGACGGGCTGTAAACCACGGCCCCCTCGGAGTCTCTTGGCGGCATCACACCTGAGCGA
GGTTAAGCTCCACGTGCTGGTGAAGACCGCATAGTTGCATAGGCGCTGAAAAGGTAAGTTAGTGTGGTGGCAATGTGTTGGCGACGAAAGAAATA
CATGATCCATCGTCTCAGCGGCAATTCGCTAACATCGCCAGAGCTTCCAAGCGCTCCATGGCCTCGTAGAAGTCCACGGCAAAATTAATAAACTGG
GAGTTTCGCGCGACACGGTCAATTCCTCCTCGAGAAGACGGATGAGTTCGGCTATGTTGGCCCCGTACTTCGCGTTTCCAAGGCTCCCGGATCTCTT
CTTCCTCTTCTATCTCTTCCACTAACATCTCTTCTTCGTCTTCAAGCGGGGGGAGGGGCGACGCGGCGACGTCGACGGCGCACGGGCAAAACG
GTCGATGAATCGTTCAATGACCTCTCCGCGGGCGGCGCATGGTTTCAGTGACGGCGGCGGCTTCTCGCGCGGTTCGACAGATAAACACACCGCGG
CGCATCTCCTTAAGTGGTGACTGGGAGTTCTCCGTTTGGAGGGAGAGGGCGCTGATTATACATTTTATTAATTGGCCCCGTAGGACTGCGCGCA
GAGATCTGATCGTGTCAAGATCCACGGGATCTGAACCTTTCGACGAAAGCGTCTAACAGTCAAGTACAGGTAGGCTGAGTACGGCTTCTTG
TGGCGGGGGTGGTTATGTGTTCCGTTCTGGTCTTCTTCATCTCGGGAAGGTGAGACGATGCTGCTGGTGAATAAAGTAGGCA
GTTCTAAGACGGCGGATGGTGGGAGGAGCACAGGTCCTTGGTCCGGCTGCTGGATACGACGGGATGGCCATTCCCCAAGCATATATCCTGAC
ATCTAGCAAGATCTTTGTAGTAGTCTTGATGAGCCGTTCTACGGCACCTTCTCCTCACCCGTTCTGCCATGCATACGTGTGAGTCCAAATCCGCG
CATTGGTTGTACCAGTGCCCAAGTCAGCTACGACTCTTTTCGGCGAGGATGGCTTGTACTTGGTAAGGGTGGCTTGAAAGTCATCAAAATCCACA
AAGCGGTGGTAAGCCCCGTATTAAATGGTGAAGCACAGTTGGCCATGACTGACCAAGTTAACTGTCTGGTGACCAGGGCGCACGAGCTCGGTGATT
TAAGCGCGAATAGGCGGGGTGTCAAAGA TGTAATCGTTGCAGGTGCGCACCAAGTACTGTTACCTATAAGAAAATGCGGCGGTGGTTGGCGGTA
GAGAGCCATCGTTCTGTAGCTGGAGCGCCAGGGCGAGGTCCTTCCAACATAAGCGGTGATAGCCGTAGATGTACCTGGACATCCAGGTGATTCT
GCGCGGTAGTAGAAGCCGAGGAACTCGCGTACGCGTTCCAAATGTTGCGTAGCGGCATGAAGTAGTTCAATTGTAGGCACGGTTTGACCAGTGA
GGCGCGCGCAGTCATTGATGCTCTATAGACACGGAGAAAATGAAGCGTTACGCGACTCGACTCCGTAGCCTGGAGGAACGTGAACGGGTGGGTG
CGGTGTACCCCGTTTCGAGACTTGTACTCGAGCCGCGGAGCCGGCTAACGTGGTATTGGCACTCCCGTCTCGACCCAGCCTACAAAATCCAG
GATACGGAATCGAGTCGTTTGTGTTTCCGAAATGCGAGGGAAGTGAGTCCTATTTTTTTTTTTTTTGGCCGCTCAGATGCATCCCGTGTGCGA
CAGATGCGCCCCCAACAACAGCCCCCTCGCAGCAGCAGCAGCAACCAAAAGGCTGTCCCTGCAACTACTGCAACTGCCCGCGTGAGCGGTG
CGGACAGCCCGCTATGATCTGGACTTGAAGAGGGCGAAGGACTGGCACGCTAGGTGCGCCTTCCGCCGAGCGGCATCCCGGAGTTCAACTGAA
AAAAGATTCTCGGAGGCGTATGTGCCCCAACAGAACCTATTTAGAGACAGAAAGCGCGGAGGAGATGCGAGCTTCCCGCTTTAACGCG
GGTCGTGAGCTGCGTACGGTTTGGACCGAAGACGAGTGTTCGAGACGAGGATTTGAAAGTTGATGAAGTGACAGGGATCAGTCTGCGCAGGGCAC
ACGTGGCTGCAGCCAACCTTGATCGGCTTACGAGCAGACAGTAAAGGAAGAGCGTAACCTCCAAAAGCTTTTAAATATCATGTGCGAACCCCTGAT
TGCCCGGAAGAAGTTACCTTGGTTGTATGCTTGTGGGATTTGATGGAAGCTATCATTCAGAACCTACTAGCAACCTCTGACCGCCAGCTG
TTTCTGGTGGTGCAACACAGCAGAGACAA TGAGGCTTTTCAGAGAGGCGCTGCTGAACATCACCGAACCCGAGGGGAGATGGTTGTATGATCTTATCA
ACATTCTACAGAGTATCATAGTGCAGGAGCGGAGCCTGGGCTGGCCGAGAAGGTAGCTGCCATCAATTAATCTCGGTTTGTAGCTTGGGAAAATATTA
CGCTCGCAAAATCTACAAGACTCCATACGTTCCCATAGACAAGGAGGTGAAGATAGATGGGTTCTACATGCGCATGACGCTCAAGGTCTTGACCCCTG
AGCGATGATCTTGGGGTGTATCGCAATGACAGAA TGATCGCGCGGTAGCGCCAGCAGGAGGGCGGAGTTAAGCGACAGGGAACTGATGCACAGTT

Fig. 17, cont'd

TGCAAGAGCTCTGACTGGAGCTGGAACCGAGGGTGAGAACTTACTTCGACATGGGAGCTGACTTGCAGTGGCAGCCTAGTCGCAGGGCTCTGAGCGC
CGCGACGGCAGGATGTGAGCTTCCTTACATAGAAGAGGGCGGATGAAGCGGAGGAGGAAGAGGGCGAGTACTTGGAAAGACTGATGGCACAAACCCGTGT
TTTTTGCTAGATGGAACAGCAAGCACCGGATCCCGCAATCGGGCGGCGCTGCAGAGCCAGCCGTCGGCATTAACCTCTCGGACGATTGGACCCAG
GCCATGCAACGTATCATGGCGTTGACGACTCGCAACCCCGAAGCCTTTAGACAGCAACCCAGGCCAACCGTCTATCGGCCATCATGGAAGCTGTAG
TGCCTTCCCGATCTAATCCCACTCATGAGAAGGTCTGGCCATCGTGAACGCGTTGGTGGAGAACAAAGCTATTTCGTCCAGATGAGGCCGACTGGT
ATACAACGCTCTCTTAGAACGCGTGGCTCGCTACAACAGTAGCAATGTGCAAAACCAATTTGGACCGTATGATAACAGATGTACGCGAAGCCGTGTCT
CAGCGCGAAAGGTTCCAGCGTGATGCCAACCTGGGTTTCGCTGGTGGGTTAAATGCTTCTTGAGTACTCAGCCTGCTAATGTGCCGCGTGGTCAAC
AGGATTATACTAACTTTTAAAGTCTTTGAGACTGATGGTATCAGAAGTACCTCAGAGCGAAGTGATCAGTCCGGTCCCTGATTACTTCTTTTCAGAC
TAGCAGACAGGGCTTGACAGACGGTAAATCTGAGCCAGCTTTTAAAAACCTTAAAGGTTTGTGGGAGTGTCATGCCCCGGTAGGAGAAAGAGCAACC
GTGCTAGCTTGTTAACTCCGAACCTCCCGCCTGTTATTACGTGGTAGCTCCTTTCACCCGACAGCGGTAGCATCGACCGTAATTCCTATTGGGTT

Fig. 17, cont'd

ACCTACTAAACCTGTATCGCGAAGCCATAGGGCAAGTCAGGTGGACGAGCAGACCTATCAAGAAATTACCCAAAGTCAGTCGCGCTTTGGGACAGGA
AGACACTGGCAGTTTGGAAAGCCACTCTGAACCTTCTTGCTTACCAATCGGTCTCAAAAGATCCCTCCTCAATATGCTCTTACTCGGAGGAGGAGAGG
ATCCTTAGATATGTGCAGCAGAGCGTGGGATTGTTCTGATGCAAGAGGGGCAACTCCGACTGCAGCACTGGACATGACAGCGCGAAATATGGAGC
CCAGCATGTATGCCAGTAACCGACCTTTCATTAAACAACCTGCTGGACTACTTGCACAGAGCTGCCGCTATGAACTCTGATTATTTTACCAATGCCAT
CTTAAACCCGCACTGGCTGCCCCACCTGGTTTCTACACGGGCGAATATGACATGCCCGACCTTAATGACGGAATTTCTGTGGGACGACGTGGACAGC
GATGTTTTTTCACCTCTTCTGATCATCGCACGCTGGAAAAAGGAAGCGGTGATAGAAATGCAATCTTCTGCAATCGCTGTCCGGGTCATGGGTGCTA
CCGGGCTGAGCCGAGCTGCAAGTCTTTCCTAGTCTACCTTTTCTCTACACAGTGTACGTAGCAGCGAAGTGGGTAGAAATAAGTCGCCCGAG
TTTAATGGGCGAAGAGGAGTACCTAAACGATTCTTGTCTCAGACCGCGCAAGAGAAAAAAATTTCCAAACAATGGAATAGAAAGTTTGGTGGATAAAA
ATGAGTAGATGGAAGACTTATGCTCAGGATCACAGAGACGAGCCTGGGATCATGGGGACTACAAGTAGAGCGAGCCGTAGACGCCAGCGCCATGACA
GACAGAGGGTCTTGTGTGGACGATGAGGATTCGGCCGATGATAGCAGCGTGTGGACTTGGTGGGAGAGGAAGGGCAACCCGTTTGTCTCATTT
GGCCCTCGCTTGGGTGGTATGTTGTGAAAAAAAATAAAAAAGAAAAAACAACCAAGGCCATGGCAGAGCGTACGTTGTTCTTCTTTATTATCT
GTGCTAGTATAATGAGGCGAGTCGTGCTAGGCGGAGCGGTGGTGTATCCGGAGGGTCTCTCTCTCGTACGAGAGCGTGTATGCAGCAGCAGCAGG
CGACGGCGGTGATGCAATCCCACCTGGAGGCTCCCTTTGTGCTCCGGATACCTGGCACCTACGGAGGGCAGAAACAGCATTCGTTACTCGGAAC
GGCACCTCAGTACGATACCAACGAGTTGTATCTGGTGGACAACAAGTCGGCGGACATTCGTTCTCTGAACATCAGAAATGACCACAGCAACTTCTTG
ACCACGGTGGTGCAGAACATGACTTTACCCCTACGGAAGCCAGCACCCAGACCATTAACTTTGATGAACGATCGCGTGGGCGGTGAGCTAAAGA
CCATCATGCATACTAAACATGCCAAACGTGAACGAGTATGTTTAGTAACAAGTTCAAAGCGCGTGTGATGGTGTCCAGAAAACCTCCCGACGGTGC
TGCAGTTGGGATACCTATGATCACAAAGCAGGATATTTTGGAAATATGAGTGGTTCGAGTTTACTTTGCCAGAAGCAACTTTTTCAGTTACTATGACT
ATTGATTTGATGAACAATGCCATCATAGATAATTACTTGAAGTGGTAGACAGAAATGGAGTGTGAAAGTGACATTTGGTGAAGTTTACTGACCTG
GGAACCTTCAAGCTGGGATGGGATCCGAAACCAAGTTGATCATGCCTGGAGTGTATACGTATGAAGCTTCCATCCTGACATTTGTTACTGCTGG
CTGCGGAGTGGATTTTACCGAGAGTCGTTTGAACAACCTTCTTGGTATCAGAAAAAACAGCCATTTCAAGAGGGTTTTAAGATTTTGTATGAAGAT
TTAGAAGGTGGTAATATTCGGGCCCTCTTGGATGATGATGCTATGAGAACAGTAAGAAAGAACAAAAAGCCAAAAATAGAAGCTGTACAGCTGCTG
CAGAAGCTAAGGCAACATAGTTGCCAGCGACTCTACAAGGGTTGCTAACGCTGGAGAGTCAAGGAGACAAATTTTGGCCCAACACCTGTTCCGAC
TGCAGAAATCATTTATGGCCGATGTGCTGAAGGAACGGACGTGAAACTCAGTATTAACCTGTAGAAAAAGATAGTAAGAAATAGAAGCTATAATGTG
TTGGAAGACAAAAATCAACACAGCCTATCGCAGTTGGTATCTTTCGTACAATATGCGCATCCCGAAAAAGGAGTGCCTTCTGGACATTTGCTCACCA
CCTCAGATGTCACCTGCGGAGCAGAGCAGGTTTACTGGTCGCTTCCAGACATGATGAAGGATCCTGTACCTTCCGCTCCACTAGACAAGTCAGTAA
CTACCTGTGGTGCAGAGCTTATGCCCGCTCTTCTCAAGAGAGCTTCTACACGAACAAGCTGTGTACTCCAGCAGCTCCGCCAGTCCACCTCG
CTTACGCACGCTTCAACCGCTTCTCTGAGAACCAGATTTTAAATCCGTCGCGCGGCCACCATTAACACCGTCAGTGAACACGTTCTTCTGCTCTCA
CAGATCACGGGACCCCTGCCGTGCGCAGCAGTATCCGGGGAGTCCAACGTGTGACCGTTACTGACGCCAGACGCCGACCTGTCCCTACGTGTACAA
GGCACTGGGCATAGTCGCACCGCGCTCTTCAAGCCGCACTTCTTAAAAAAAATAATGTCCATTTCTTATCTCGCCCAAGTAAATAACACCGGTTGG
GGTCTGCGCGCTCCAAGCAAGATGTACGGAGGCGCACGCAACAGTTCTACCCCAACATCCCGTGGTGTTCGCGGACATTTTTCGCGCTCCATGGGGTG

Fig. 17, cont'd

CCCTCAAGGGCCGCACTCGCGTTTGAACCAACCGTCGATGATGTAATCGATCAGGTGGTTGCCGACGCCCGTAATTATACTCCTACTGCGCCTACATC
TACTGTGGATGCAGTTATTGACAGTGTAGTGGCTGCAGCTCGCAACTATGCTCGACGTAAAGAGCCGGCGAAGGCGCATTTGCCAGACGCCACCGAGCT
ACCACTGCCATGCGAGCCGCAAGAGCTCTGCTACGAAGAGCTAGACGCGTGGGGCGAAGAGCCATGCTTAGGGCGGCCAGACGTGCAGCTTCGGGGCG
CCAGCGCCGCGAGTCCCGCAGGCCAAGCAGCCGCTGTGCGAGCGGGACTATTGCCGACATGCCCAATCGCGAAGAGGCAATGTATAC TGGGTGCG
TGACGCTGCCACCGGTCAACGTGTACCCGTGCGCACCCGTCGCCCTCGCACCTTAGAAGATACTGAGCAGTCTCCGATGTTGTGTCCAGCGCGGAGG
ATGTCCAAGCGCAATACAAGGAAGAAATGCTGCAGGTTATCGCACCTGAAGTCTACGGCCAACCGTTGAAGGATGAATAAAGGCAAAATCA
AGCGGTTAAAGGACAAAAGAGGAAGATGGCGATGATGGGTGGCGAGTTTGTGCGGAGTTTGGCCACGGCGACGCTGCAATGGCG
TGGCGCAAGTTCGACATGTGTGAGACCTGGAACCTTCGGTGGTCTTTACACCCGCGAGCGTTCAAGCGCTACTTTTAAGCGTTCCTATGATGAG
GTGTACGGGGATGATGATATTCTTGAGCAGGGCGGCTGACCGATTAGCGAGTTTGCCTTAGGCAAGCGTAGTAGAATAACTTCCAAGGATGAGACAG
TGTCATACCCCTGGATCATGGAATCCACCCCTAGTCTTAACCGGTCACTTTGCAGCAAGTGTACCCGTAACTCCGCGAACAGGTGTTAAACG
CGAAGGTGAAGATTGTATCCCACTATGCAACTGATGGTACCCAAACGCCAGAGTTGGAGGACGTTTGGAGAAAGTAAAGTGGATCCAGATATT
CAACCTGAGGTTAAAGTGAGACCCATTAAAGCAGGTAGCGCTGGTCTGGGGGTACAACACTGTAGACATTAAGATCCCACTGAAAGTATGGAAGTGC
AACTGAACCCGCAAGCCTACTGCCACCTCCACTGCAAGTGAACCGGATCCATGGATGCCCCATGCCATTACAACCTGACGCCGCGGTCGCCACTCG
AAGATCCGACGAAAGTACGGTCCAGCAAGTCTGTTGATGCCAAATTATGTTGACACCCATCTATTATCTCTACTCTGTTACCGAGGCATCGC
TACTATCGCAGCCGAAACAGTACCTCCCGCCGTGCGCGCAAGACACCTGCAAAATCGCAGTCGTGCGGTAGACGCACAAGCAAAACCGACTCCCGCG
CCCTGGTGGGCAAGTGTACCGCAATGGTAGTGGGAACCTTTGACACTGCGCGTGGCGTTACCATCGAGTATCATCACTTAATCAATGTTGCC
GCTGCCCTCCTTGACATATGGCCCTCACTTGTGCGCTTCGCGTTCCCATCACTGGTTACCGAGGAAGAACTCGCGCGGTAGAAGAGGGATGTTGG
ACGCGGAATGCGACGCTACAGCGACGGCGTGTCTATCCGCAAGCAATTGCGGGTGGTTTTTACCAGCCTTAATCCAAATTATCGCTGCTGCAATT
GGCGCATACAGGCATAGCTTCGTTGGCGGTTCAAGCCTCGCAAGCATTGACATTGGAAAAAAACGTATAATAAAAAAAATACAATGGACT
CTGACACTCCTGGTCTGTGACTATGTTTTCTTAGAGATGGAAGACATCAATTTTTTCATCCTTGGCTCCGCGACACGGCACGAAGCCGTACATGGGC
ACCTGGAGCGACATCGGCACGAGCCAACTGAACGGGGCGCTTCAATTGGAGCAGTATCTGGAGCGGCTTAAAAATTTTGGCTCAACCATAAAA
CATACGGGAACAAAGCTTGGACAGCAGTACAGGACAGGCGCTTAGAAATAAATTAAGACCAAGAACTTCCAACAAAAAGTAGTCGATGGGATAGC
TTCGGGCATCAATGGAGTGGTAGATTGGCTAACAGGCTGTGCAGAAAAAGATAAACAGTCGTTTGGACCCGCGCCAGCAACCCAGGTGAAATG
CAAGTGGAGGAAGAAATTCCTCCGCCAGAAAAACGAGGCGACAAGCTCCGCTCCCGATTGGAAGAGACGCTGGTGACGCGCGTAGATGAACCCG
CTTCTTATGAGGAAGCAACGAAGCTTGGAA TGCCCAACCACTAGACCGATAGCCCCAATGGCCACCGGGGTGATGAACCTTCTCAGTTGCATCGACC
CGTCACCTTGGATTTGCCCCCTCCCCCTGCTACTGCTGTACCCGCTTCTAAGCCTGTGCTGCCCGAAACCAAGTCCCGGTAGCCAGGTACAGT
CCCGGGGCGCTCCTCGTCCAAATGCGCACTGGCAAAATACTCTGAACAGCATCGTGGGTCTAGGCGTGCAAAAGTGTAAAAACGCGCTCGCTGCTTTT
AATTAAATATGGAGTAGCGCTTAACCTTGCTATCTGTGTATATGTGTCAATTACAGCCGCTACAGCAGCAGAGGAAAAAGGAAGAGGTTCGTGCGTGC
GACGCTGAGTTACTTTCAAGATGGCCACCCCATCGATGCTGCCCCCAATGGGCATACATGCACATCGCCGGACAGGATGCTTCGGAGTACCTGAGTCC

Fig. 17, cont'd

GGGTCTGGTGCAGTTCGCCCGCGCCACAGACACCTACTTCAATCTGGGAAATAAGTTAGAAATCCCACCGTAGCGCCGACCCACGATGTGACCACC
GACCGTAGCCAGCGGCTCATGTTGGCTTCGTGCCGTTGACCGGGAGGACAAATACATACTCTTACAAAGTGGGTACACCTGGCCGTGGCGGACA
ACAGAGTGTGGATATGGCCAGCACGTTCTTTGACATTAGGGCGGTGTTGGACAGAGTCCCAGTTTCAAACCCATTCTGGTACGGCTTACAACCTC
TCTGGCTCCTAAAGGCGCTCCAAATGCATCTCAATGGATTGCAAAAGCGGTACCAACTGCAGCAGCCGCGAGGCAATGGTGAAGAAGAACAATGAAACA 9
GAGGAGAAAACCTGCTACTTACACTTTTGCCAAATGCTCCTGTAAAGCCGAGGCTCAAATTACAAAGAGGGCTTACCAATAGGTTGGAGATTTCAG 9
CTGAAAACGAATCTAAACCCATCTATGCAGATAAACTTTATCAGCCAGAACCTCAAGTGGGAGATGAAACTTGGACTGACCTAGACGGGAAAACCCGA 10
AGAGTATGGAGGCAGGGCTCTAAAGCCTACTACTAACATGAAACCCCTGTTACGGGTCTTATCGGAAGCCTACTAATTTAAAAGGTGGTCAGGCAAAA 10
CCGAAAAACCTCGGAACCGTCGAGTGAAAAAATTGAATATGATATTGACATGGAATTTTTTGATAACTCATCGCAAGAACAACATTCAGTCCTAAAA
TTGTCATGTATGCAGAAAAATGTAGGTTTGGAAACGCCAGACACTCATGTAGTGTACAAACCTGGAAACAGAGACACAAGTTCCGAAGCTAATTTGGG
ACAACAGTCTATGCCCAACAGACCCCAACTACATTGGCTTCAGAGATAACTTTATTGGACTCATGTACTATAACAGTACTGGTAACATGGGGGTGCTG

Fig. 17, cont'd

GCTGGTCAAGCGTCTCAGTTAAATGCAGTGGTTGACTTGCAGGACAGAAACACAGAACTTTCTTACCAACTCTTGCTTGACTCTCTGGGCGACAGAA
CCAGATACTTTAGCATGTGGAATCAGGCTGTGGACAGTTATGATCCTGATGACGTGTTATTGAAATCATGGTGTGGAAGATGAACCTCCCAACTA
TTGTTTTCCACTGGACGGCATAGGTGTTCCAACAACCCAGTTACAAATCAATAGTTCCTCAATGGAGAAGATAATAAATGGAAAGAACCTGAAGTA
AATGGAACAAGTGAGATCGGACAGGGTAAATTTGTTGGCATGGAAATTAACCTTCAAGCCAACTATATGGCGAAGTTTCTTTATTCCAAATGTGGCTC
TGATCTCCAGACTCGTACAAATACACCCCGTCCAATGTCACTCTTCCAGAAACAAACACACCTACGACTACATGAACGGGCGGTGGTGGCCGCC
ATCTCTAGTAGACACCTATGTGAACATTTGGTGCCAGGTGGTCTCTGGATGCCATGGACAATGTCAACCCATTCACACCACCCGTAACGCTGGCTTG
CGTTACCGATCTATGCTTCTGGGTAAACGGACGTTATGTGCCCTTCCACATACAAGTGCCTCAAAAATCTTCGCTGTTAAAAACCTGCTGCTTCTCC
CAGGCTCCTACACTTATGAGTGGAACTTTAGGAAGGATGTGAACATGGTTCTACAGAGTTCCCTCGGTAAACGACCTGCGGGTAGATGGCGCCAGCAT
CAGTTTCACGAGCATCAACCTCTATGCTACTTTTTCCCATGGCTCACAAACCCGCTTCCACCCCTTGAAGCCATGCTGCGGAATGACACCAATGAT
CAGTCATTCAACGACTACCTATCTGCAGCTAACATGCTCTACCCCATTCCTGCCAATGCAACCAATATCCCATTTCCATTCTCTCGCAACTGGG
CGGCTTTCAGAGGCTGGTCATTTACAGACTGAACCAAGAAACCTCCCTCTTTGGGGTCTGGATTTGACCCCTACTTTGTCTATTCTGGTTCTAT
TCCCTACCTGGATGGTACCTTTCTACCTGAACCCACACTTTTAAGAAGTTTCCCATCATGTTTGACTCTTTCAGTGAGCTGGCTGGAAATGACAGGTTA
CTATCTCTAACGAATTTGAAATAAAGCGCAGTGTGGATGGCGAAGGCTACAACGTAGCCCAATGCAACATGACCAAGACTGGTCTTGGTACAGA
TGCTCGCCAACTACAACATCGGCTATCAGGGCTTCTACATTCAGAAAGGATACAAGATCGCATGTATTCATTTTTCAGAAACTTCAGCCCATGAG
CAGGCAGGTGGTTGATGAGGTCAAATTACAAGACTTCAAGGCCGTGCCATACCCCTACCAACACAACTCTGGCTTTGTGGGTACATGGCTCCG
ACCATGCGCCAAAGTCAACCTATCCCGTAACTATCCCTATCCACTCATTTGGAACAACTGCCGTAATAGTGTACGCAGAAAAAGTTCTTGTTG
ACAGAACCATGTGGCGCATACCGTTCTCGAGCAACTTCTATGTTGGGGCCCTTACAGACTGGGACAGAAATATGCTCTATGCCAACTCAGCTCA
TGCTCTGGACATGACCTTTGAGGTGGATCCCATGGATGAGCCCAACCTGCTTTATCTCTCTCGAAGTTTTCGACGTGGTCAGAGTGCAATCAGCCA
CACCGGGCATCATCGAGGCAGTCTACCTGCGTACACCGTTCTCGGCCGTTAACGCTACCAAGTAAAGAGCTTCTTGCTTCTTGCAAAATAGCAGCTG
CAACCATGGCTGCGGATCCCAAAACGGCTCCAGCGAGCAAGAGCTCAGAGCCATTGTCCAAGACCTGGGTGCGGACCCCTATTTTGGGAACCTA
CGATAAGCGCTTCCCGGGTTTCATGGCCCCCGATAAGCTCGCTGTGCCATTGTAAATACGGCCGGACGTGAGACGGGGGAGAGCAGCTGGTTGGCT
TTCGGTTGGAACCCACGTTCTAACACCTGCTACCTTTTTTGATCCTTTTGATCTCGGATGATCGTCTCAAACAGATTTACCAGTTTGAATATGAGG
GTCCTCTGCGCCGACGCTCTTGCTACCAAGGACCGCTGTATTACGCTGGAAAAATCTACCCAGACCGTGCAGGGCCCGCTTCTGCGGCTGCGG
ACTTTTCTGCTGCATGTTCTTACGGCTTGTGCACCTGGCTGACCGTCCCATGGACGGAAACCCACCATGAAATGCTAACTGGAGTGCCAAAC
AACATGCTTCATTCTCCTAAAGTCCAGCCCCACCTGTGTGACAAATCAAAAAGCAGCTTACCATTTCTTAATACCCATTCGCTTATTTTCGCTCTC
ATCGTACACACATCGAAAGGGCCACTGCGTTGACCGGTATGGATGTTCAATAATGACTCATGTAAACAACTGTTCAATAAACATCACCTTTATTTT
TTACATGATCAAGGCTCTGGATTACTTATTTATTTACAAGTCGAATGGTTCTGACGAGAAATCAGAAATGACCCGAGGAGTACGTTGCGGAA
CTGATACTTGGGTGGCCACTTGAATTCGGGAATCACCAACTTGGGAACCGGTATATCGGGCAGGATGTCACCTCCACAGCTTCTGGTCAGCTGCAAA
GCTCCAAAGCAGGTGAGGAGCGGAAATCTTGAAATCACAAATAGGACACAGTGTCTGAGCGCGAGAGTTGCGGTACACCGGATTCAGCAGCTGAAACA
CCATCAGCGACGGATGTCTCAGCGTTGCCAGCAGCGTGGGATCTGCAATCATGCCACATCCAGATCTTCAGCATTTGGCAATGCTGAACGGGTCTCAT

Fig. 17, cont'd

CTTGCAGGCTGCCTACCCATGGCGGGCACCCAAATTAGGCTTGTTGCAATCGCAGTGCAGGGGGATCAGTATCATCTTTGGCCTGATCCTGTCTG
 ATTCTGGATACACGGCTCTCATGAAAGCATCATATTGCTTGAAAGCCTGCTGGCTTTACTACCCCTCGGTTAAACATCCCGCAGGACCTGCTCG
 AAACTGGTTAGCTGCACAGCCGGCATCATTCACACAGCAGCGGGGTCATTTGTTGGCTATTTGCACCACACTCTGCCCCAGCGTTTTTGGGTGAT
 TTTGGTTCGCTCGGATTCCTTTAAGGCTCGTTGTCGGTCTCGCTGGCCACATCCATCTCGATAATCTGCTCCTTCTGAATCATATAATTGCCA
 TGCAGGCACCTCAGCTTGCCCTCATATAATCATTTGCAGCCATGAGGCCACACGCGCAGCCTGTACATTTCCCAATTATGGTGGCGGATCTGAGAAAAAG
 AATGTATCATTTCCCTGCAGAAATCTTCCCATCATCGTGCTCAGTGCTTGIGACTAGTGAAGTTAACTGGATGCTCGGTGCTCTTCGTTTACGTA
 CTGGTGACAGATGGCTTGATTTGTTGCTGCTCAGGCATTAGTTTAAACAGGTTCTAAGTTCTGTTATCCAGCCTGTACTTCTCCATCAGCAGA
 CACATCACTTCCATGCTTCTCCCAAGCAGACACACAGGGGCAAGCTAATCGGATTTCTTAACAGTGCAGGCGAGCAGCTCCTTTAGCCAGAGGGTCAT
 CTTTAGCGATCTTCTCAATGCTTCTTTTGCCATCCTTCTCAACGATGCGCACGGGCGGTAGCTGAACCCACTGCTACAAGTTGCGCCTCTTCTCT
 TTCCTTCTCGCTGCTTGACTGATGCTTGATGGGATAAGTTGGTCTTCTTGCTTCTTTTGGGGGTATCGGAGGAGGAGGACTGTCGCTC
 CGTTCGGAGACAGGGAGGATTTGACGTTTTCGCTCACCATTTACCACTGACTGTCGGTAGAAGAACCTGACCCACACGCGCGACAGGTGTTTTTCT
 TCGGGGCGAGAGGTGGAGGCGATTTGCGAAGGGCTGCGGTCGACCTGGAAGGCGGATGACTGGCAGAACCCCTTCGCGTTTCGGGGGTGTGCTCCCT
 GTGGCGTCCGTTAACTGATTTCTTCGCGGCTGGCCATTGTTCTCTAGGCAGAGAAACACAGACATGGAAACTCAGCCATTGCTGTCAACAT
 CGCCACGAGTGCCATCACATCTCGTCTCAGCGACGAGGAAAGGAGCAGAGCTTAAGCATTCACCGCCAGTCTGCCACCACCTTACCCCTAGA
 AGATAAGGAGGTGCAGCATCTCATGACATGCAGATAAAAGGAAAGAGTCTGAGACAGACATCGAGCAAGACCCGGGCTATGTGACACCCGGT
 GAACACGAGGAAGAGTTGAAACGCTTTCTAGAGAGAGAGGATGAAACTGCCCAAAACAGCGAGCAGATAACTATCACCAAGATGCTGGAAATAGGG
 ATCAGAACACCGACTACCTCATAGGGCTTGACGGGAAGACGCGCTCCTTAAACATCTAGCAAGACAGTGCCTCATAGTCAAGGATGCATTATTGGA
 CAGAACTGAAGTGCCCATCAGTGTGGAAGAGCTCAGCTGCGCTACGAGCTTAACCTTTTTTCACTCGTACTCCCCCAACGTCAGCCAAACGGC
 ACCTGCGAGCCAAATCCTCGCTTAACTTTTATCCAGCTTTTGCTGTGCCAGAAGTACTGGCTACCTATCACATCTTTTTTAAATCAAAAAATTC
 CAGTCTCTGCCGCGCTAATCGCACCCGCGCGGATGCCCTACTCAATCTGGGACCTGGTTACGCTTACCTGATATAGCTTCCTTGGAAAGAGGTTCC
 AAAGATCTTCGAGGGTCTGGCAATAATGAGACTCGGGCCGCAATGCTCTGCAAAAGGGAGAAATGGCATGGATGAGCATCACAGGTTCTGGTG
 GAATTGGAAGGCGATAATGCCAGACTCGCAGTACTCAAGCGAAGCGTCGAGGTACACACTTCGCATATCCCGCTGTCAACCTGCCCCCTAAAGTCA
 TGACGGCGGTTCATGGACCAAGTTACTCATTAAGCGCGCAAGTCCCTTTTCAGAAGACATGCATGACCCAGATGCCCTGTGATGAGGGTAAACCAAGTGGT
 CAGTGATGAGCAGCTAACCCGATGGCTGGGCACCGACTCTCCCCGGGATTTGGAAGAGCGTCGCAAGCTTATGATGGCCGTGGTGTGTTACCGTA
 GAACTAGAGTGTCTCCGACGTTCTTTACCGATTTCAGAAACCTTGGCAAACTCGAAGAGAACTGCACTACACTTTTAGACACGGCTTTGTGCGGC
 AGGCATGCAAGATATCTAACGTGGAACCTACCAACCTGGTTTCTACATGGGTATTTCTGCATGAGAACTCGCTAGGACAAAGCGTGTGCACAGCAC
 CCTTAAGGGGGAAGCCCGCGGTGATTACATCCGCGATTGTGTCTATCTACCTGTGCCACACGTTGGCAAAACCGGCAATGGGTGTATGGCAGCAATGT
 TTAGAAGAACAGAACTTGAAAGAGCTTGACAAGCTCTTACAGAAATCTTTAAGGTTCTGTGGACAGGTTTCGACGAGCGCACCGTTCGCTTCCGACC
 TGGCAGACCTCATCTTCCAGAGGCTCAGGGTTACTTTGCGAAACGGATTGCCTGACTTTATGAGCCAGAGCATGCTTAAACAAATTTTCGCTCTTT

Fig. 17, cont'd

CATCCTGGAACGCTCCGGTATCCTGCCCGCCACCTGCTGGCGCACTGCCCTCCGACTTTGTGCCCTCTCACCTACCGCGAGTGCCCCCGCGCTATGG
AGTCACTGCTACCTGTTCCGTCTGGCCAACTATCTCTCTACCACTCGGATGTGATCGAGGATGTGAGCGGAGACGGCTTGCTGGAGTGCCACTGCC
GCTGCAATCTGTGCACGCCCCACCGTCCCTAGCTTGCAACCCCACTGATGAGCGAAACCCAGATAATAGGCACCTTTGAATTGCAAGGCCCCAG
CAGCCAAGGCGATGGGTCTTCTCCTGGGCAAAGTTTAAAACTGACCCCGGACTGTGGACCTCCGCTACTTGCGCAAGTTTGTCTCGGAAGATTAC
CACCCCTATGAAATCAAGTTCTATGAGGACCAATCACAGCCTCCAAGGCCGAACTTTCGGCTTGCCTCATCACCAGGGGCAATTCCTGGCCCAAT
TGCAAGCCATCCAAAATCCCGCCAAAGATTTCTACTGAAAAGGGTAAGGGGTCTACCTTGACCCCAAGAGGAGGAACTCAACACAAGGTT
CCCTCAGGATGTCCCAACGACGAGAAAACAAGATTGAAGTGCAGCCGCCGCCCAAGATATGGAGGAAGATTGGACAGTCAGGCAGAGGA
GGCGGAGGAGGACAGTCTGGAGGACAGTCTGGAGGAAGACAGTTTGGAGGAGGAAAACGAGGAGGAGGAGGTGGAAGAAGTAACCGCCGACAAA
CAGTTATCCTCGGCTGCGGAGACAAGCAACAGCGCTACCATCTCCGCTCCGAGTCGAGGAACCCGGCGGCTCCAGCAGTAGATGGGACGAGACCG
GAGGCTTCCCGAACCCACAGCGCTTCCAAGACCCGTAAGAAGGATCGGCAGGGAACAAGTCTTGGCGGGGGCAATAAGAAATGCCATCATCTCCTG

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Fig. 17, cont'd

CTTGATGAGTGCAGGGAACATATCCTTCACGCGGGCTACTTGCTATTCACCATGGGGTGAACTTCCGCGCAATGTTTTGCATTACTACCGT
CACCTCCACAGCCCTACTATAGCCAGCAAAATCCGACAGTCTCGACAGATTAAGACAGCGGGCGGACCTCCAACAGAAAACAGCAGCGGAGTT
AGAAAATACACAACAAGTGCAGCAACAGGAGGATTAAAGATTACAGCCAACGAGCCAGCAAAACCGAGAGTTAAGAAATCGGATCTTTCCAACCC
TGATGCCATCTTCAGCAGAGTCCGGGTCAAGAGCAGGAACAGGAATAAAAAACCGATCTCTGCGTTCCGTCACCAAGTTGTTGTATCACAA
GAGCGAAGATCAACTTCAGCGCACTCTCGAGGACGCGGAGGCTCTCTTCAACAAGTACTGCGCGCTGACTCTTAAAGAGTAGGCAGCGACCGCGCTT
ATTCAAAAAGGGGGAATTACATCATCTCGACATGAGTAAGAAATCCACGCCCTTACATGTGGAGTTTCAACCCCAATGGGATTGGCAGCA
GGGCTCCAGGACTACTCCACCGCATGAATTGGCTCAGCGCGGCGCTTCTATGATTTCTCGAGTTAATGATATACGCGCTACCGAAACCAAA
TACTTTTGGAACAGTCAGCTCTTACCACCGCCCGCCAACACCTTAAATCCAGAAATGGCCCGCGCTAGTGTACCAGGAAAGTCCCGCTCC
CACCACTGATTAATCTTCCTCGAGACGCGCCGAGTCCAAATGACTAATGCAGGTGCGCAGTTAGCTGGCGGCTCCACCCCTATGTCGTACACAG
CCTCGGCAATAATAAAACGCTGATGATCAGAGGCGGAGGTATCCAGCTCAACGACGAGTCGGTGAGCTCTCCGCTTGGTCTACGACCAAGCGGAA
TCTTTCAGATTGCCGGCTGCGGAGATCTTCTTCAACCCCTCGTCAGGCTGTTCTGACTTTGGAAAGTTCTGCTTCCGCAACCCCGCTCGGGCGGAAT
CGGACCGTTCAATTTGTAGAGGAGTTTACTCCCTCTGCTACTTCAACCCCTTCTCCGGATCTCTGGGCACCTACCCGACGAGTTCATACCGAAG
TTCGACGCGATTAGCGAGTCAGTGGACGCTACGATTGATGCTGGTGACGCGGCTGAGCTATCTCGGCTGCGCATCTAGACCACCTGCGCGCGCTT
TCGCTGCTTTGCCCGGGAATTAATTGAGTTCTACTTCCGAACCTCCCAAGGATCACCCCTCAAGGTCGGGCCACGGAGTCGGGATTACTATCGAA
GGCAAAATAGACTCTCGCCTGCAACGAAATTTCTCCAGCGGCGGCTGCTGATCGAGCGAGACCGGAAACACCGGTTTCCATCTACTGCAATTT
GTAATCACCCCGGATTGCATGAAAGCCTTTGCTGCTTAATGTACTGAGTTAATAAAACGAGTTAATAAGACTCTCTACGGACTGCGGCTTCTTC
AACCCGATTTACAACGAGAACAACAACTTTCCCTGCTGCTCCAGGACTGTTAACTTCACTTCCCTACTCACAACCTAGAAGCTCAACGACT
ACACCGCTTTCCAGAAGCATTTCCCTACTAATACTACTTTCAAAACCGGAGGTGAGCTCCACGGTCTCCCTACAGAAAACCCCTTGGTGGAAGCG
GGCCTTGATGACTAGGAATCTTGGGGTGGCTTGATTAATCTTTGCTACCTATACACACCTTGGCTTCACTTTCTAGTGGTGTGTGGTATT
GGTTTAAAAAATGGGGCCCATACTAGTCTTGCTTTGCTTTTACCTTTCGCTTTTGGAAACCGGTTCTGCCAATTACGATCCATGTCTAGACTTTGACCCA
GAAACTGCACACTTACTTTGCACCCGACACAAGCCGATCTGTGGAGTTCTTAAGTGCGGATGGGAATGCAGGTCCGTTGAAATTACACACA
ATAACAAACCTGGAACAAATACCTTATCCACCACATGGGAGCCAGGAGTCCGAGTGGTACACTGTCTGTCCGAGTCTGACGGTTCCATCCG
CATTAGTAACAACACTTTTCTGAAATGTGCGATCTGGCCATGTTTCATGAGCAACAGTATTTCTCTATGGCCCTCTAGCAAGGACAACATC
GTAACGTTCTCCATTGCTTATGCTTGTGCGCTTGCCCTTCTACTGCTTACTGTGCGTATGCATACACCTGCTGTAAACCACCTCGCATCAAAAACG
CCAATAACAAGAAAAATGCCTTAACCTCTTCTGTTTACAGACATGGCTTCTTACATCTCTCATATTTGTGAGCAATTGCTACTGCGGCTCAGG
GACAAACAGTCGTCTCTATCCCACTAGGACATAAATTACACTCTCATAGGACCCCAATCAGTTCAGAGGTCTGAGCAACCACTGGGAAGCGTTGA
TTACTTTGATATAATCTGTAAACAAACAAACCAATAATAGTAACCTTGCAACATACAAAATCTTACATTGATTAATGTTAGCAAAGTTTACAGCGGT
TACTATTAAGTTATGACAGATACAGTAGTCAATATAGAAATTACTTGGTTCTGTTACCCAGTTGAAAACCCAGCAAAATGCCAAATATGGCAAGA
TTCGATCCGATGACAAATCTCTAGAACTTTTACATCTCCCAACCAACCCGACGAAAAAACAATCCAGATTCAATGATTGCAATTTGTTGCAGCGGT
GGCAGTGGTATGGCACTAATAATATGCATGCTTTTATATGCTTGTGCTGCTACAAAAGTTTTCATCTCTAAAAACAAGATCTCTACTAAGGCTT

Fig. 17, cont'd

AACATTTAATTTCTTTTATACAGCCATGGTTCCACTACCACATTCCTTATGCTTACTAGTCTCGCAACTCTGACTTCTGCTCGCTCACACCTCAC
 TGTAACTATAGGCTCAAACCTGACACTAAAGGACCTCAAGGTGGTCATGTCTTTTGGTGGAGATATATGACAAATGGATGGTTTACAAAACCATGT
 GACCAACCTGGTAGATTTTCTGCAACGGCAGAGACCTAACCATATCAACGTGACAGCAATGACAAAGGCTTCTATTATGGAACCGACTATAAAA
 GTAGTTTAGATTATAACATTATTGTACTGCCATCTACCACCTCCAGCACCCGACAACTACTTCTCTAGCAGCAGTGTGCTAACAAATACAAATTC
 CAATCCAACTTTGCGCGCTTTTAAACGCACTGTGAATAATTCTCAAACTTCACATACAACAATTTCCACTTCAACAATCAGCATCATCGCTGCA
 GTGACAAATGGAATATCTATCTGTTTTACCATAACCTACTACGCTGCTGTATAGAAAAGACAAACATAAAGGTGATCCATTACTTAGATTTG
 ATATTTAATTTGTTCTTTTTTTTATTTACAGTATGGTGAACACCAATCATGTTACCTAGAAATTTCTTCTTACCATACTCATCTGTGCTTTTAA
 GTTTGCGCTACTTTCACAGCAGTAGCCACAGCAACCCAGACTGTATAGGAGCATTTGCTTCTATGCACTTTTGTCTTTTGTACTTGCATCTGCG
 TATGTAGCATAGTCTGCCCTGGTTATTAATTTTTTCCAACCTCTAGACTGGATCCTTTGTGCGAATTGCTTACCTGCGCCACCATCCCGAATACCGCAA
 CCAAAATATCGCGGCACTTCTTAGACTCATATAAACCATGCAGGCTATACACCAATATTTTGTCTTCTATTGCTTCCCTACGCTGTCTCAACCCC
 AGCTGCCATAGTACTCCACCAGAACACCTTAGAAAATGCAAAATCCAACAACCGTGGTCAATTTCTTGTGCTATCGAGAAAAATCAGAAATCCCC
 CCAATTTAATAATGATTGCTGGAATAATTAATAATCTGTTGCACCATAATTTCAATTTTGATATACCCCTATTTGATTTTGGCTGGAATGCTC
 CCAATGCACATGATCATCCACAAGACCCAGAGGAACACATTTCCCCACAAAACATGCAACATCCAATAGCGCTAATAGATTACGAAAGTGAACCACA
 ACCCCCACTACTCCCTGCTATTAGTTACTTCAACCTAACCGGCGGAGATGACTGAACACTCACCACTCCAATTCGCGCGAGGATCTGCTCGATAT
 GGACGGCGGCTCTCAGAACACGACTTGCCCAACTACGCATCCGCCAGCAGCAGGAACGCGTGGCCAAAGAGCTCAGAGATGTATCCAAATTCAC
 CAATGCAAAAAAGGCATATCTGTTTGGTAAACAAGCCAAAGATATCTACGAGATCACCGCTACTGACCATCGCTCTCTTACGAACTTGGCCCCC
 AACGACAAAAATTTACCTGCATGGTGGGAATCAACCCCATAGTTATCACCCACAAAAGTGGAGATACTAAGGGTTGCATTCTACTGCTCCTGCGATT
 CATCGAGTGCACCTACACCCCTGCTGAAGACCCTATGCGGCCCTAAGAGACCTGCTACCAATGAATTAATAAAAAATGATTAATAAAAAATCACTTACT
 TGAATCAGCAATAAGGTCTCTGTTGAAATTTTCTCCAGCAGCACCTCACTTCCCTCTTCCCACTCTGGTATTTCTAACCCCGTTTCAAGGCGCAT
 CTTTCTCCATACTTTAAAGGGGATGTCAAAATTTTAGCTCCTCTCCTGTACCCACAATCTTTCATGTCTTTCTTCCAGATGACCAAGAGAGTCCGGCT
 CAGTGACTCCTTCAACCCCTGTACCCCTATGAAGATGAAAGCACCTCCCAACACCCCTTTATAAACCAGGGTTTATTTCCCAAAATGGCTTCACA
 CAAAGCCCAGACGGAGTCTTACTTTAAATGTTTAAACCCCACTAACCAACCACAGGGGATCTCTACAGCTAAAAGTGGGAGGGGACTTACAGTGG
 ATGACACTGATGGTACCTTACAAGAAAAACATACGTGCTACAGCACCCATTACTAAAAATAATCACTCTGTAGAACTATCCATTGGAAAATGGATTAGA
 AACTCAAAACAATAAATGTCGCAAAATGGGAAATGGTTAAAAATTTAACACCGGTGACATTTGTATAAAGGATAGTATTAACACCTTATGGACT
 GGAATAAACCCCTCCACCTAAGTGTCAAAATTTGGAAAAACACTAATACAAATGATGGCAAACTTACTTTAGTATTAGTAAAAATGGAGGGCTTGTTA
 ATGGCTACGTGCTCTAGTTGGTGTATCAGACACTGTGAACCAAAATGTTTACACAAAAAGACAGCAACATCCAATTAAGATTATATTTGACTCTTC
 TGGAAATCTATTAACTGAGGAATCAGACTTAAAAATTTCCACTTAAAAATAAAATCTTCTACAGCGACCACTGTAAGCTGAGCAAGCAAGCCTTT
 ATGCCAAGTACTACAGCTTATCCCTTCAACACCACCTACTAGGGATAGTGAAAACTACATTTCAATGGAATATGTTACTACATGACTAGTTATGATAGAA
 GTCTATTTCCCTTGAACATTTCTATAATGCTAAACAGCCGTATGATTTCTTCCAATGTTGCCCTATGCCATACAAATTTGAATGGAATCTAAATGCAAG

Fig. 17, cont'd

TGAATCTCCAGAAAGCAACATAGCTACGCTGACCACATCCCCCTTTTCTTTCTTACATTACAGAAGACGACAACTAAAAATAAGTTTAAAGTGT
 TTATTTAAAAATCACAAAAATTCGAGTAGTTATTTGGCTCCACCTTCCCATTTGACAGAATACACCAATCTCTCCACGACACAGCTTTAAACATTTG
 GATACCATTAGAGATAGACATTGTTTTAGATTCCACATTCCAAACAGTTTCAGAGCGAGCCAACTCGGGTCAGTGATAGATAAAAAATCCATCGCGA
 TAGTCTTTAAAGCGCTTTCACAGTCCAACTGCTGCGGATGCGACTCGGAGTTTGGATCACGGTCATCTGGAAGAAGAACGATGGGAATCATAATC
 CGAAAACGGTATCGGACGATTGTGCTCATCAAAACCACAAGCAGCGCTGTGCGTCGCTCCGTGCGACTGCTGTTTATGGGATCAGGGTCCACA
 GTTCTCTGAAGCATGATTTTAATAGCCCTTAACATCAACTTCTGGTGCGATGCGCGCAGCAACGCAATCTGATTTCACTCAAACTCTTGCAGTAGG
 TACAACACATTATTACAATATTGTTTAATAAACCATAAATTAAGCGCTCCAGCCAAACTCATATCTGATATAATCGCCCTGCATGACCATCAT
 CCAAAGTTTAATATAAATAAATGACGTTCCCTCAAAAACACACTACCCACATACATGATCTCTTTGGCATGTGCATATTAAACAATCTGTCTGTAC
 CATGGACAACGTTGGTTAATCATGTCAACCCAAATATAACCTTCGGAAACCACACTGCCAACACCGCTCCCCAGCCATGCATTGAAGTGAACCCCTGCT
 GATTACAAATGACAAATGAAGAACCCTAATCTCTCGACCGTGAATCACCTTGAGAAATGAATAATCTATAGTGGCACAAACATAGACATAAAATGCATGCA
 TCTTCTCATAATTTTAACTCCTCAGGATTTAGAAACATATCCAGGGAATAGGAAGCTCTTGCGAAGACAGTAAAGCTGGCAGAACAAGGAAGACCA
 CGAACACAACCTTACACTATGCATAGTATAGTATCACAATCTGGCAACAGCGGTGGTCTTCAGTCATAGAAAGCTCGGGTTTCAATTTCTCACAAC
 GTGTAACCTGGGCTCTGGTGTAAAGGTGATGTCTGGCGCATGATGTCGAGCGTGCAGCAACCTTGTCTATAATGGAGTTGCTTCTGACATTTCTCGT
 ATTTTGATAGCAAAACGCGGCCCTGGCAGAACACACTCTTCTGCGCTTCTATCTCGCGCTTAGCGTGTCCGTGTGATAGTTCAAGTACAGCCA
 CACTCTTAAGTTGGTCAAAAGAAATGCTGGCTTCAGTTGTAATCAAAACTCCATCGCATCTAATGTTCTGAGGAAATCATCCACGGTAGCATATGCA
 AATCCCAACCAAGCAATGCAACTGGATTGCGTTTCAAGCAGGAGAGGAGGGAAGAGACGGAAGAACCATGTTAATTTTATTCCAAACGATCTCG
 CAGTACTTCAAAATGTAGATCGCGCAGATGGCATCTCTCGCCCCCACTGTGTTGGTGAAAAGCACAGCTAAATCAAAAGAAATGCGATTTTCAAGG
 TGCTCAACGGTGGCTTCCAACAAGCTCCACGCGCACATCCAAGAACAAAAGAAATACCAAAAGAAAGGAGCATTTTCTAACTCCTCAATCATCATAT
 TACATTCTCGACCATTTCCAGATAATTTTCAGCTTTCCAGCTTGAATTAATCGTGTGAGTTCTTGTGGTAAATCCAATCCACACATTACAAACAG
 GTCCCGGAGGGCGCCCTCCACCACCATTTCTTAACACACCCCTCATAAATGACAAAATATCTTGTCTCCTGTGTACCTGTAGCGAATTGAGAAATGGCAA
 CATCAATTGACATGCCCTTGCTCTAAGTCTTCTTTAAGTCTAGTTGTAAAACCTCTCTCATATTATCACCAAACTGCTTAGCCAGAAAGCCCCC
 GGGAACAAGAGCAGGGGACGCTACAGTGCAGTACAAGCGCAGACCTCCCCAATTGGCTCCAGCAAAAACAAGATTGGAATAAGCATATTGGGAACCA
 CCAGTAATATCATCGAAGTTGCTGGAATAATAATCAGGCAGAGTTTCTTGTAGAAATGAATAAAGAAAAATTTGCCAAAAAACATTCAAAAACCT
 CTGGGATGCAATAGGTTACCGCGCTGCGCTCCAACATTTGTTAGTTTGAATTAGTCTGCAAAAATAAAAAAACAAGCGTCATATCATATA
 GTAGCCTGACGAACAGGTGGATAAATCAGTCTTTCCATCACAAGACAGCCACAGGGTCTCCAGCTCGACCCCTCGTAAAACCTGTCTATCGTGATTAA
 ACAACAGCACCGAAAGTTCTCGCGGTGACCAGCATGAATAAGTCTTTGATGAAGCATACAATCCAGACATGTTAGCATCAGTTAAGGAGAAAAAACA
 GCCAACATAGCCTTTGGGTATAATTATGCTTAATCGTAAGTATAGCAAGGCCCCCTCGCGGATACAAAGTAAAGGCCACAGGAGAAATAAAAAATA
 TAATTAATTTCTGTCTGCTGTTTAGGCAACGTCGCCCCGGTCCCTCTAAATACACATACAAAGCCTCATCAGCCATGGCTTACCAGAGAAAGTACA
 GCGGGCACACAAAACCAAGCTCTAAAGTCACTCTCCAACCTSTCCACAATATATACACAAGCCCCTAAACTGACGTAATGGGACTAAAGTGTA

Fig. 17, cont'd

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AAATCCCGCCAAACCCCAACACACACACCCCGAAACTGGGTACCAGGGGAAAAGTACAGTTTCACCTCCGCAATCCCAACAAGCGTCACCTTCCCTCTTCT
CACGGTACGTACATCCCATTAACCTTACAACGTCATTTTCCACGGCGCGCCGCCCTTTTAACCGTTAACCCCAACAGCCAATCACCACACGGGCC
ACACTTTTAAAAATCACCTCATTTACATATTGGCACCATTCATCTATAAGGTATATTATTGATGATG

Fig. 17, cont'd