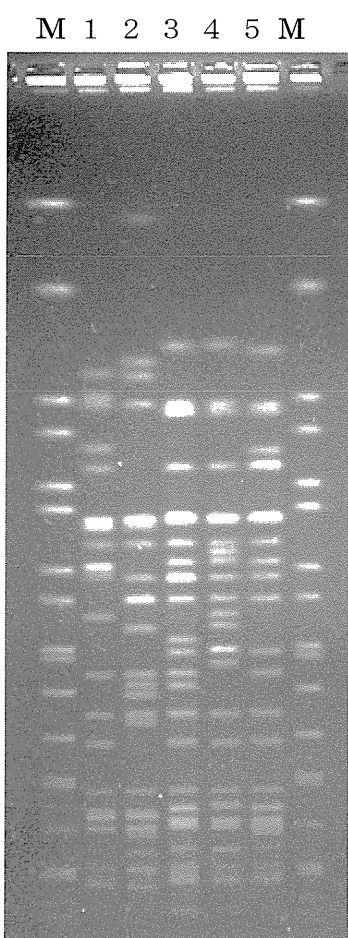
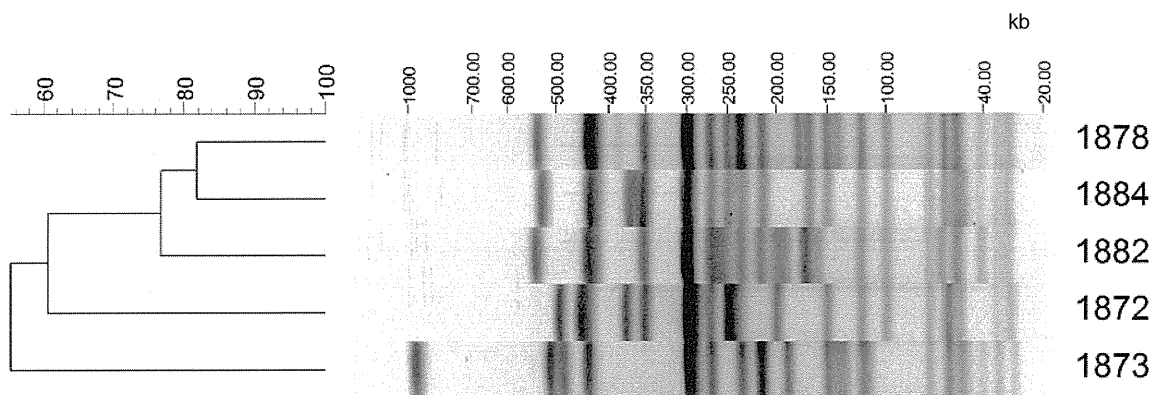


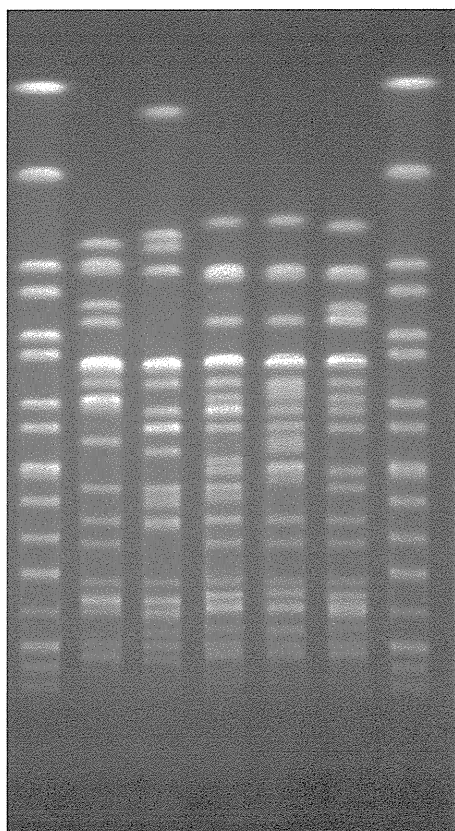
(C)



(D)



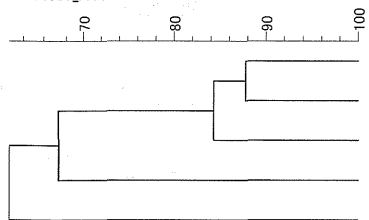
M 1 2 3 4 5 M



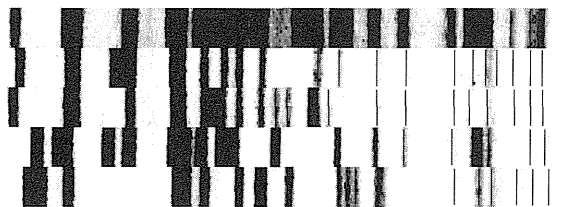
レーン 1 : No.1872
2 : No.1873
3 : No.1878
4 : No.1882
5 : No.1884
M : マーカー
(*Salmonella* Braenderup H9812 株)

(E)

Dice (Tol 1.0%-1.0%) (H>0.0% S>0.0%) [0.0%-100.0%]
marker_XbaI

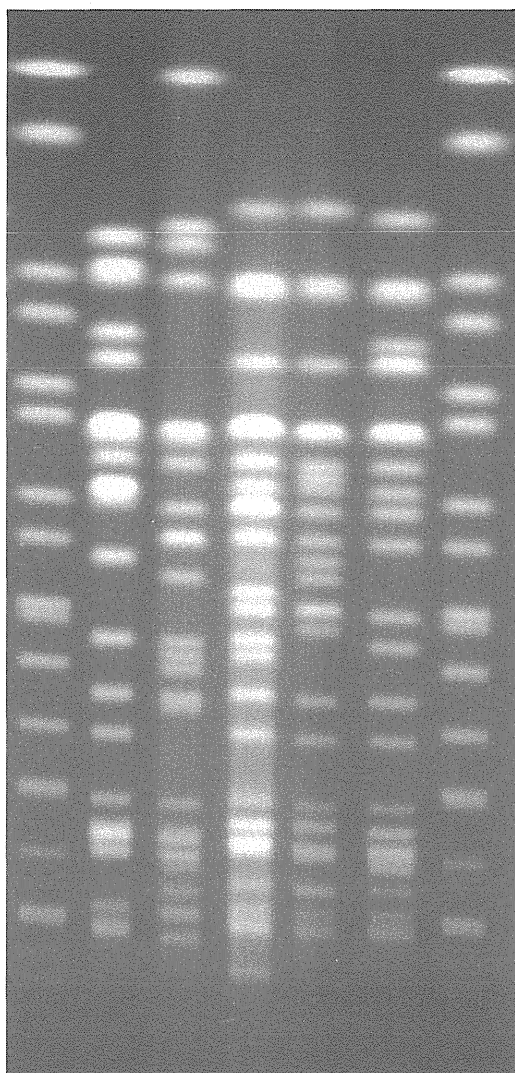


marker_XbaI



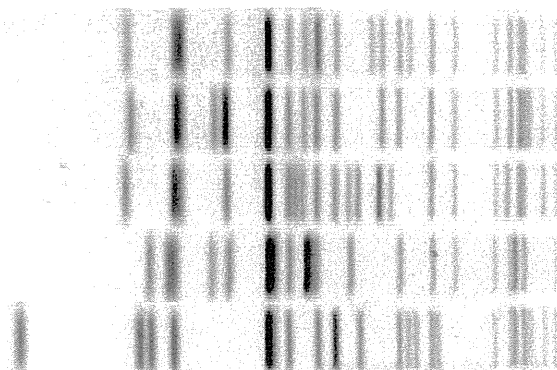
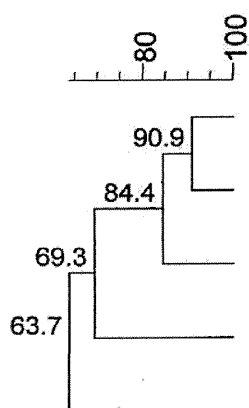
1878
1884
1882
1872
1873

M 1 2 3 4 5 M



レーン 1 : 1872
2 : 1873
3 : 1878
4 : 1882
5 : 1884

(F)



Key

stec_1878

stec_1884

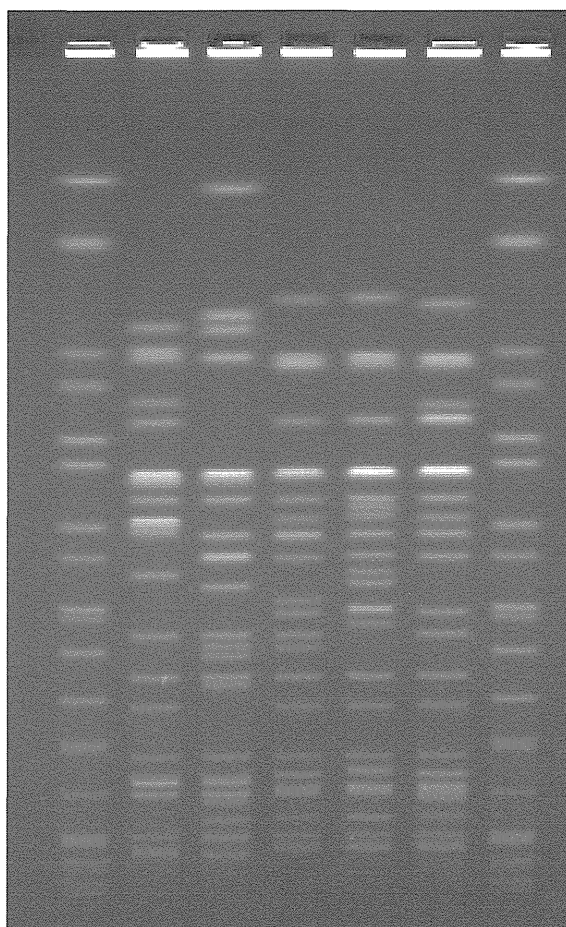
stec_1882

stec_1872

stec_1873

(UPGMA 法、係数 ; Dice)

M 1 2 3 4 5 M



レーン 1 : 1872

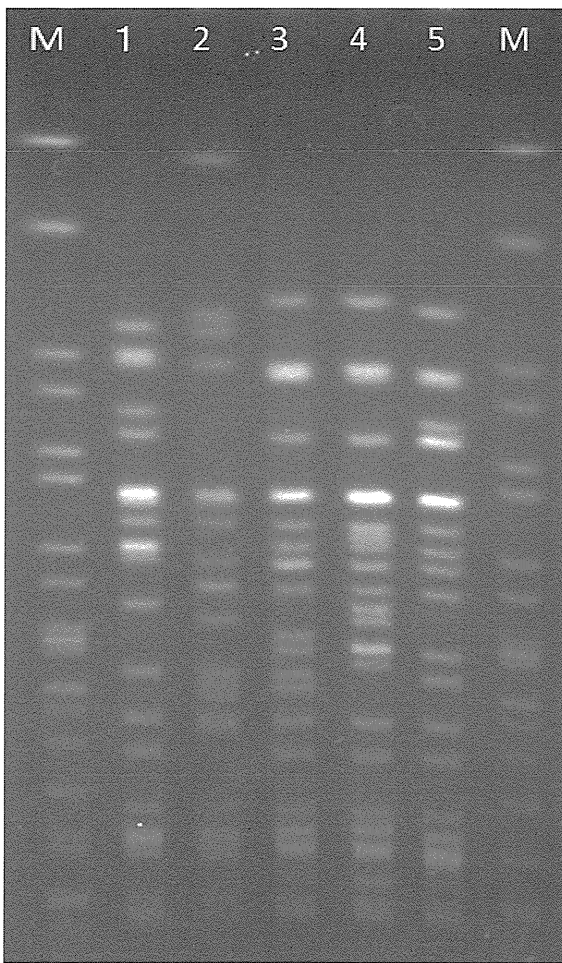
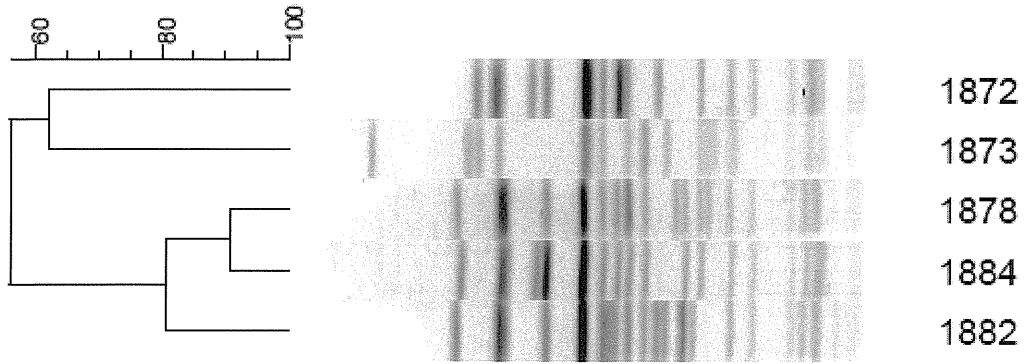
2 : 1873

3 : 1878

4 : 1882

5 : 1884

(G)

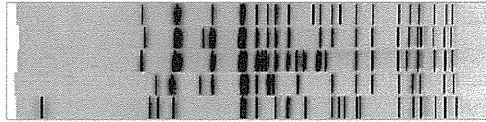
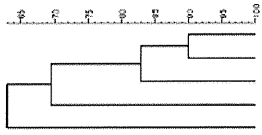


レーン1: 1872
2: 1873
3: 1878
4: 1882
5: 1884
M: Marker(S.Brandrup H9812)

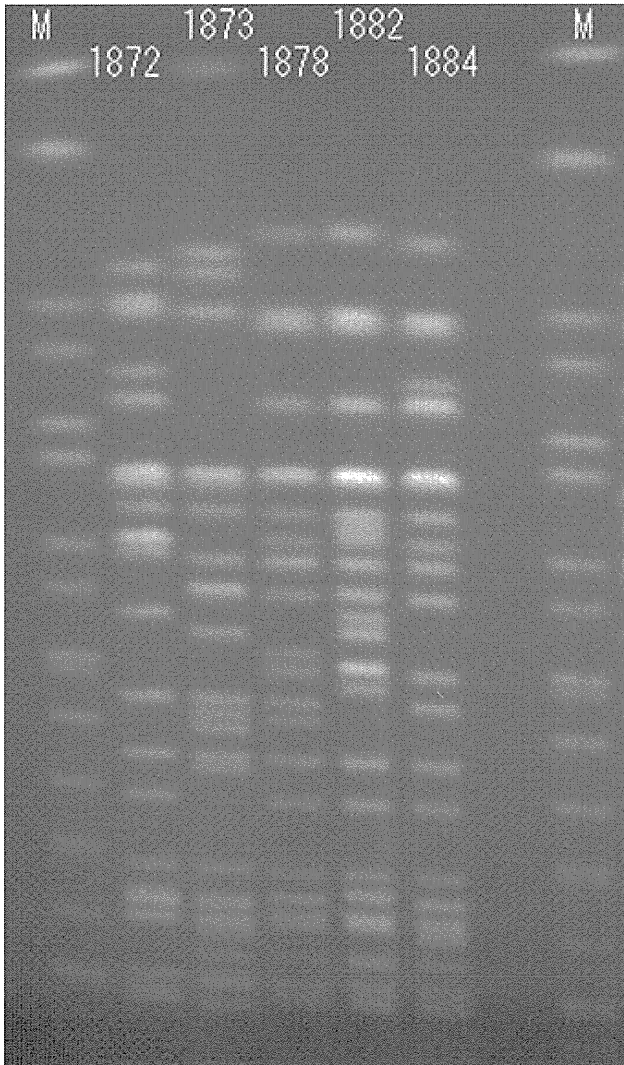
(H)

Dise (Est1108-108)(F008 S1008) [208-10028]
EHEC

EHEC

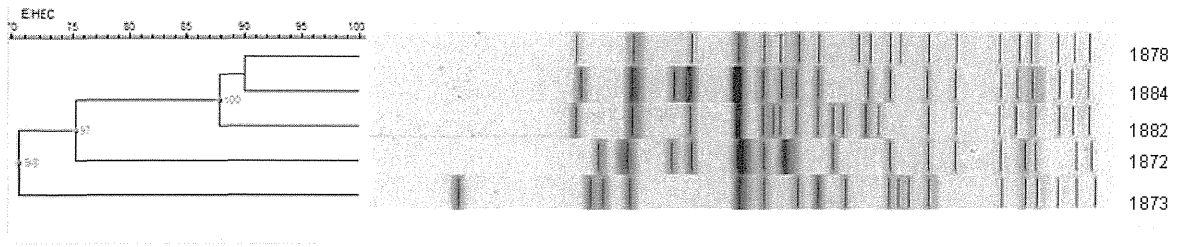


.STEC 1878	O157:H7	2015精度管理3
.STEC 1884	O157:H7	2015精度管理5
.STEC 1882	O157:H7	2015精度管理4
.STEC 1872	O157:H7	2015精度管理1
.STEC 1873	O157:H-	2015精度管理2

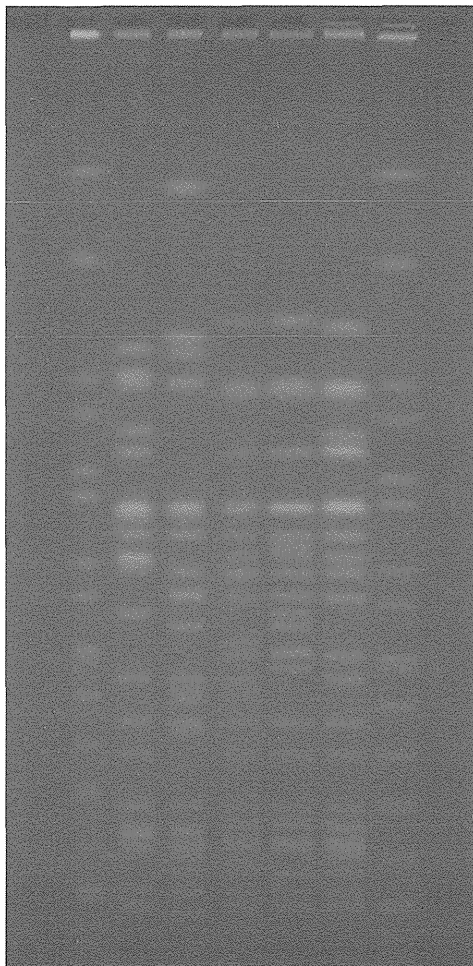


精度管理	STEC	血清型
No.1	1872	O157:H7
No.2	1873	O157:H-
No.3	1878	O157:H7
No.4	1882	O157:H7
No.5	1884	O157:H7

(I)



M 1 2 3 4 5 M



M: Marker(S.Braenderup H9812)

1: No.1872

2: No.1873

3: No.1878

4: No.1882

5: No.1884

(J)

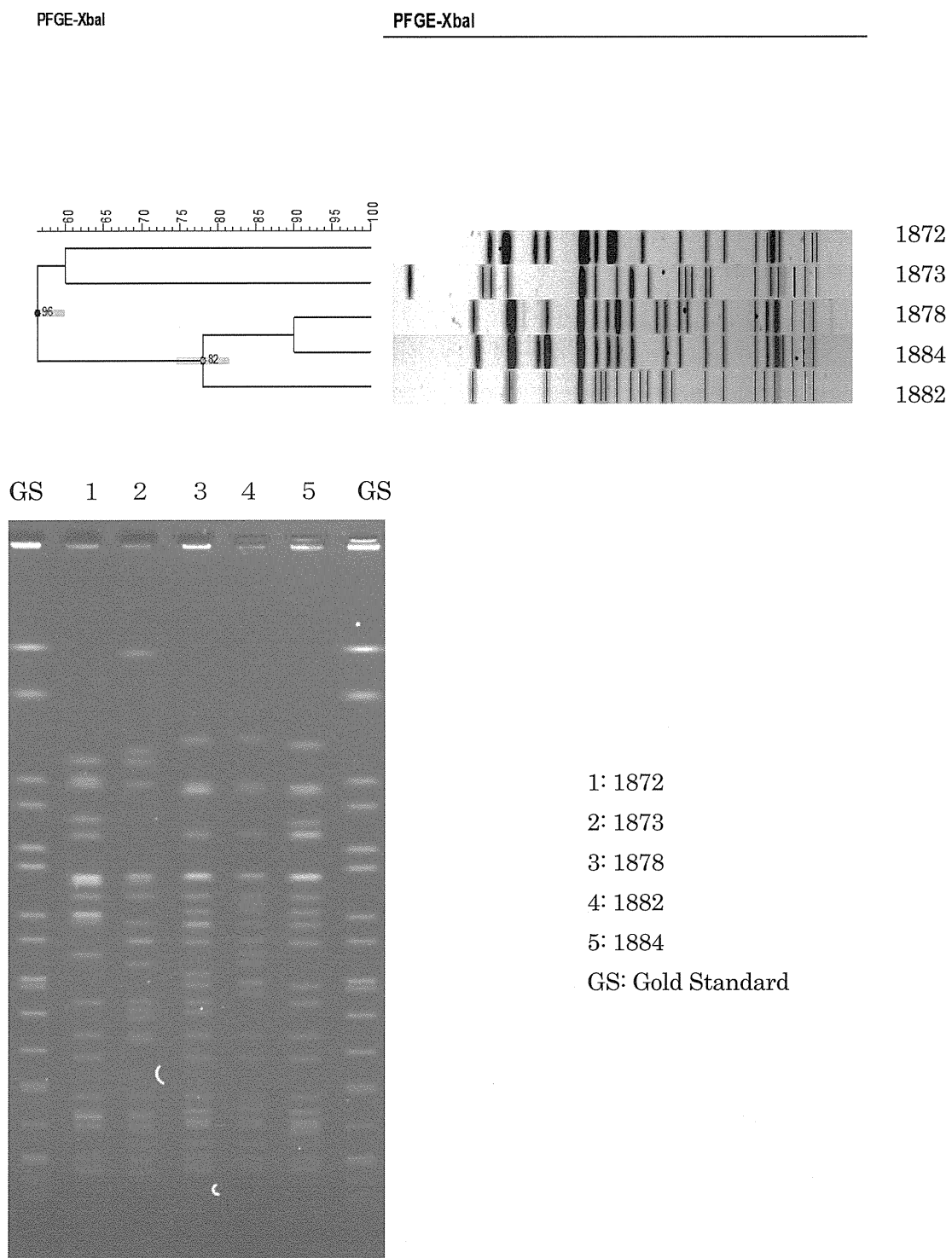
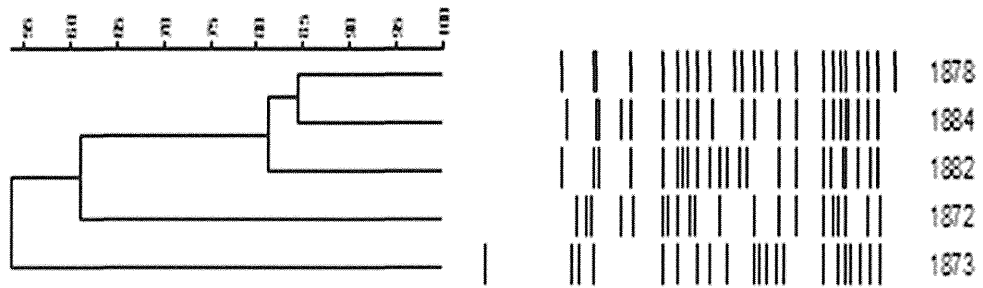


図 1-1 各施設の PFGE 法による解析結果と泳動像

(a タイプ)



(b タイプ)

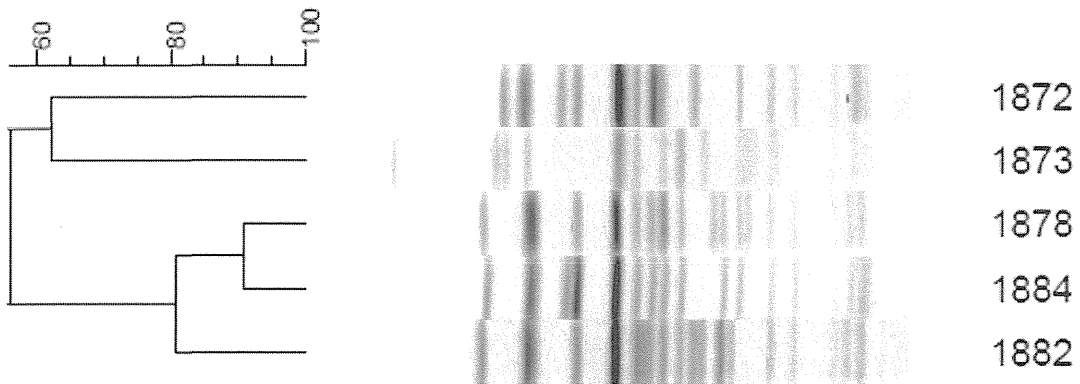


図 1-2 PFGE 法による精度管理結果

表 1 PFGE 法による精度管理結果

デンドロビウム結果	施設数
(aタイプ)	6
(bタイプ)	2
解析不能	1
参加せず	1

(A)

1st



菌株

① STEC 1872 O157:H7

② STEC 1873 O157:H-

③ STEC 1878 O157:H7

④ STEC 1882 O157:H7

⑤ STEC 1884 O157:H7

S Standard

P Positive control

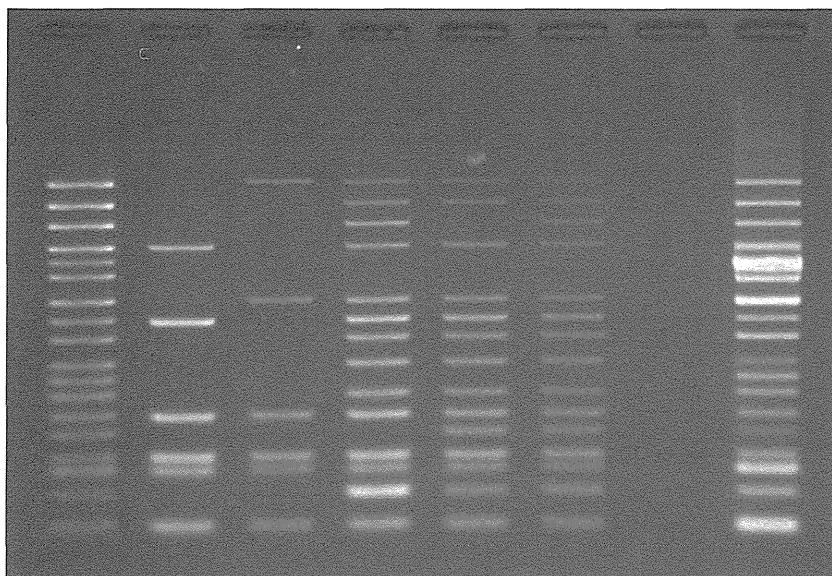
2nd



(B)

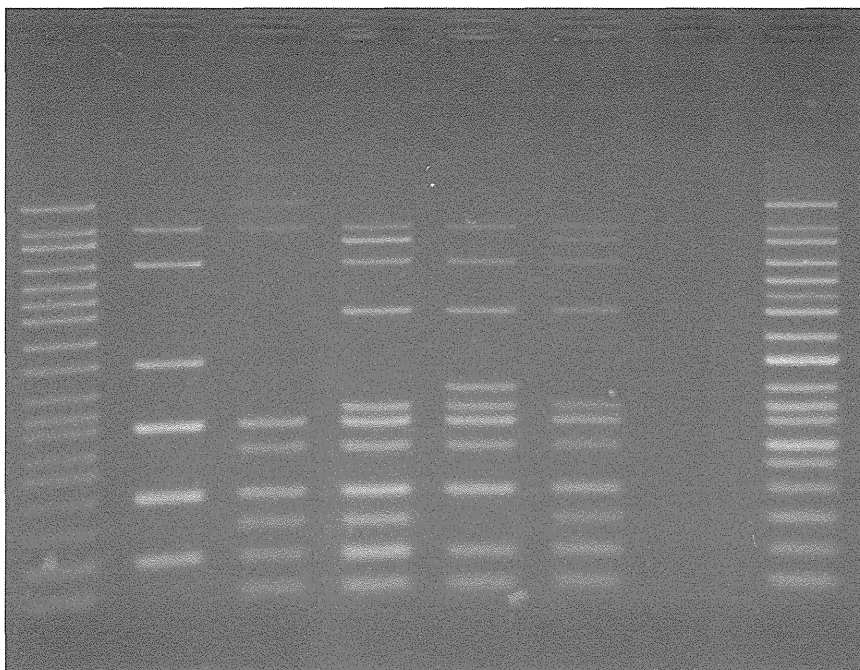
1 s t s e t

SD ① ② ③ ④ ⑤ N P



2 n d s e t

SD ① ② ③ ④ ⑤ N P



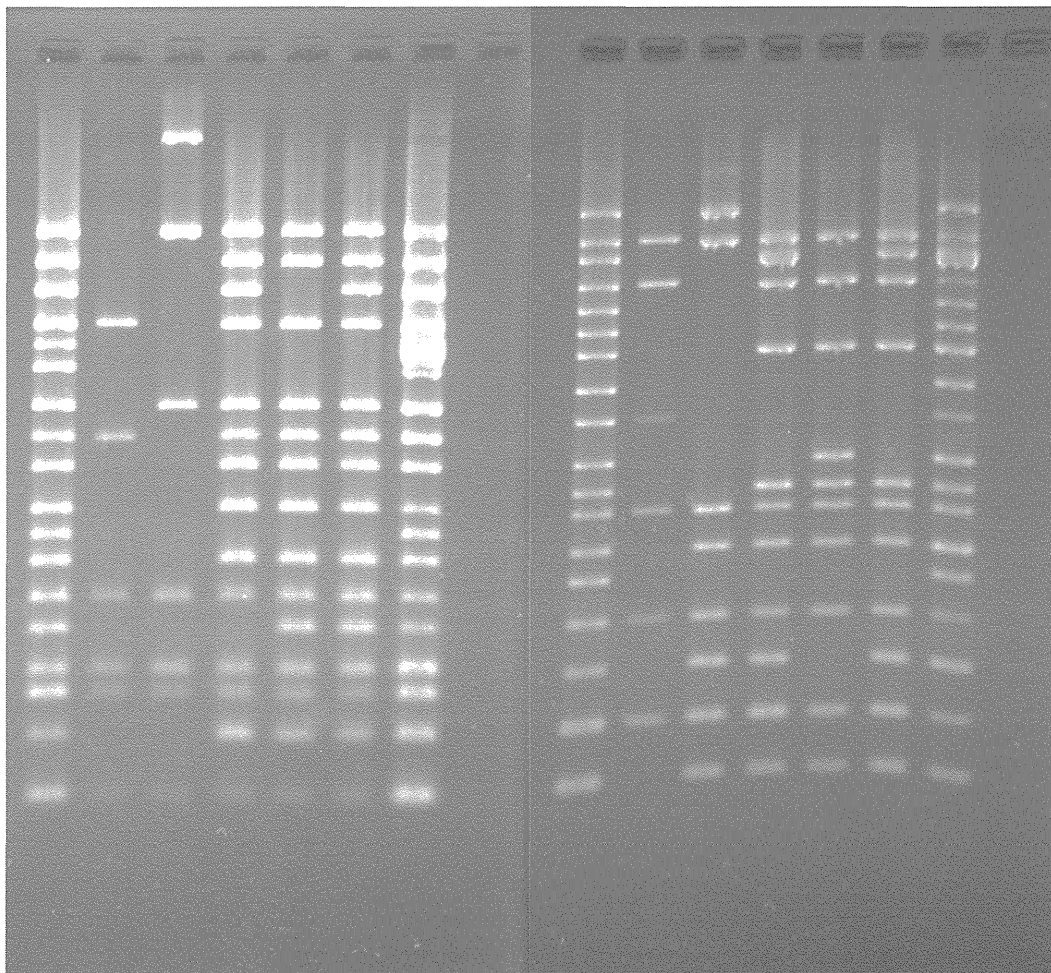
M : マーカー、SD : 泳動コントロール、P : ポジティブコントロール、
N : ネガティブコントロール ① : STEC 1872、② : STEC 1873、③ : STEC 1878、
④ : STEC 1882、⑤ : STEC 1884

(C)

1st

2nd

1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8



レ-ン1 : Std
レ-ン2 : No.1872
レ-ン3 : No.1873
レ-ン4 : No.1878
レ-ン5 : No.1882
レ-ン6 : No.1884
レ-ン7 : p.c.
レ-ン8 : n.c.

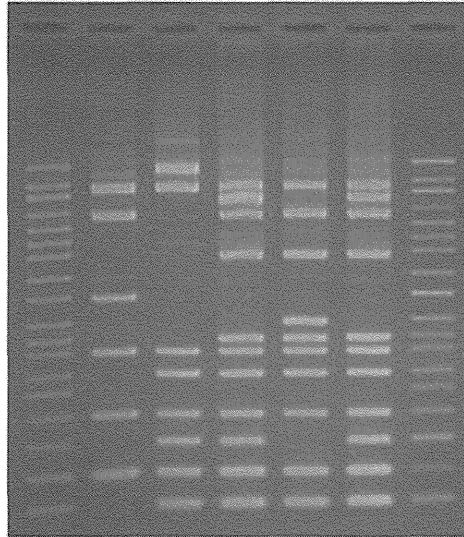
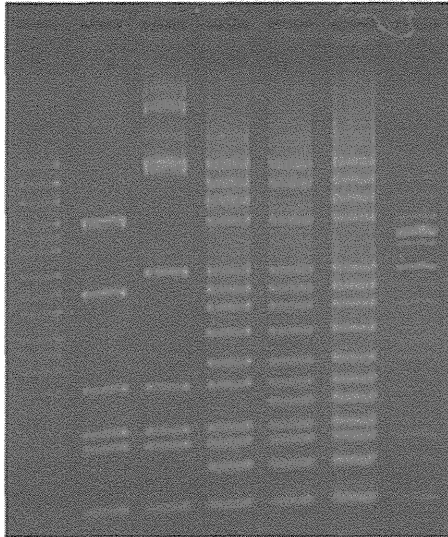
(D)

[1st set]

[2nd set]

S 1 2 3 4 5 P

S 1 2 3 4 5 P



レーン 1 : No1872

2 : No1873

3 : No1878

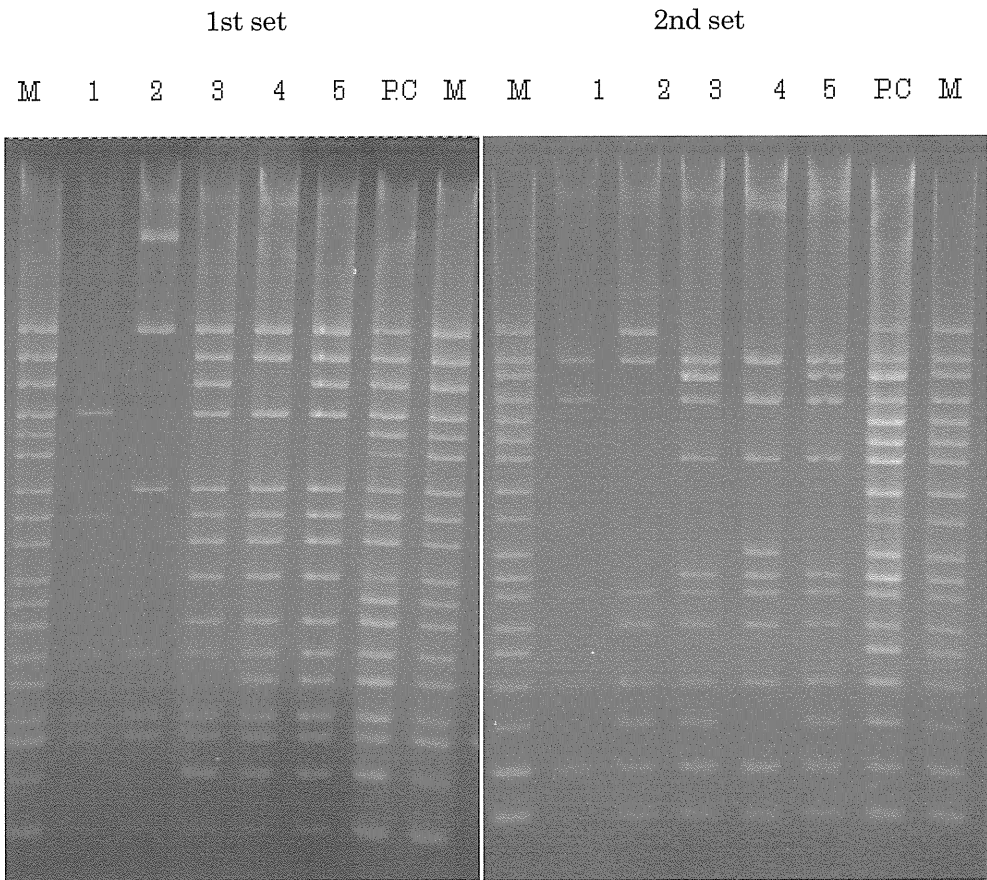
4 : No1882

5 : No1884

S : Standard DNA

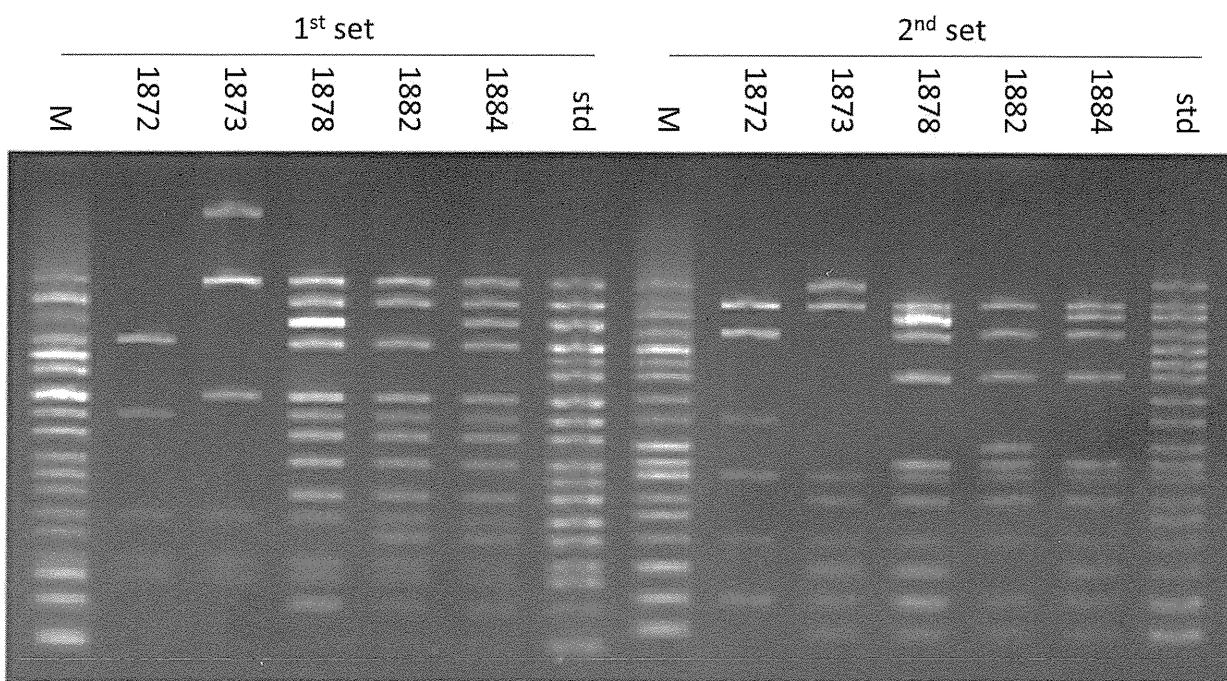
P : Positive control

(E)

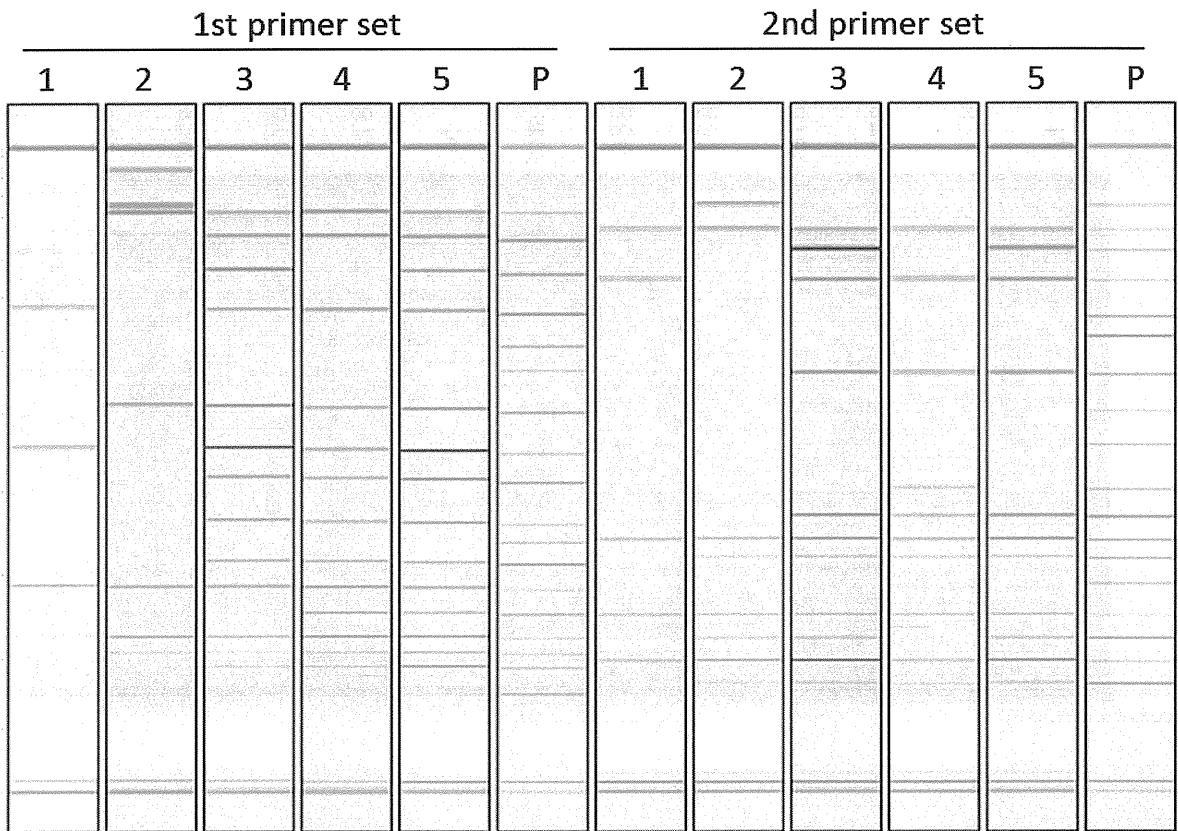


レーン 1 : 1872
 2 : 1873
 3 : 1878
 4 : 1882
 5 : 1884

(F)

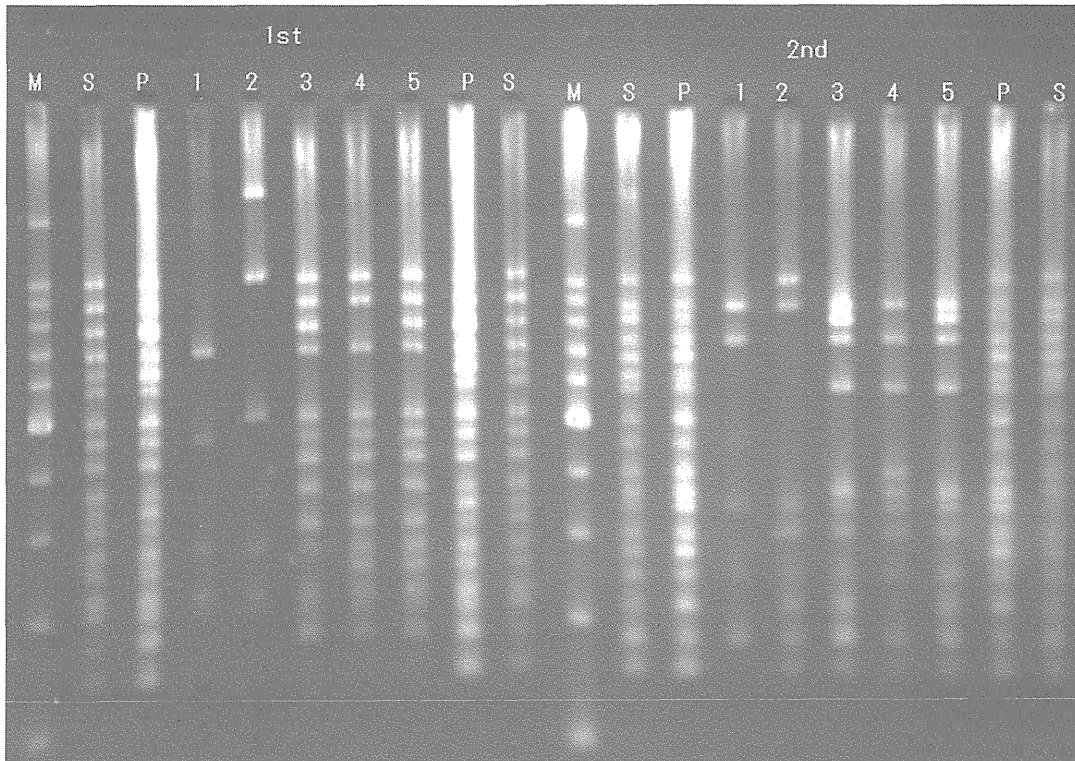


(G)



1: 1872
2: 1873
3: 1878
4: 1882
5: 1884
P: Positive control

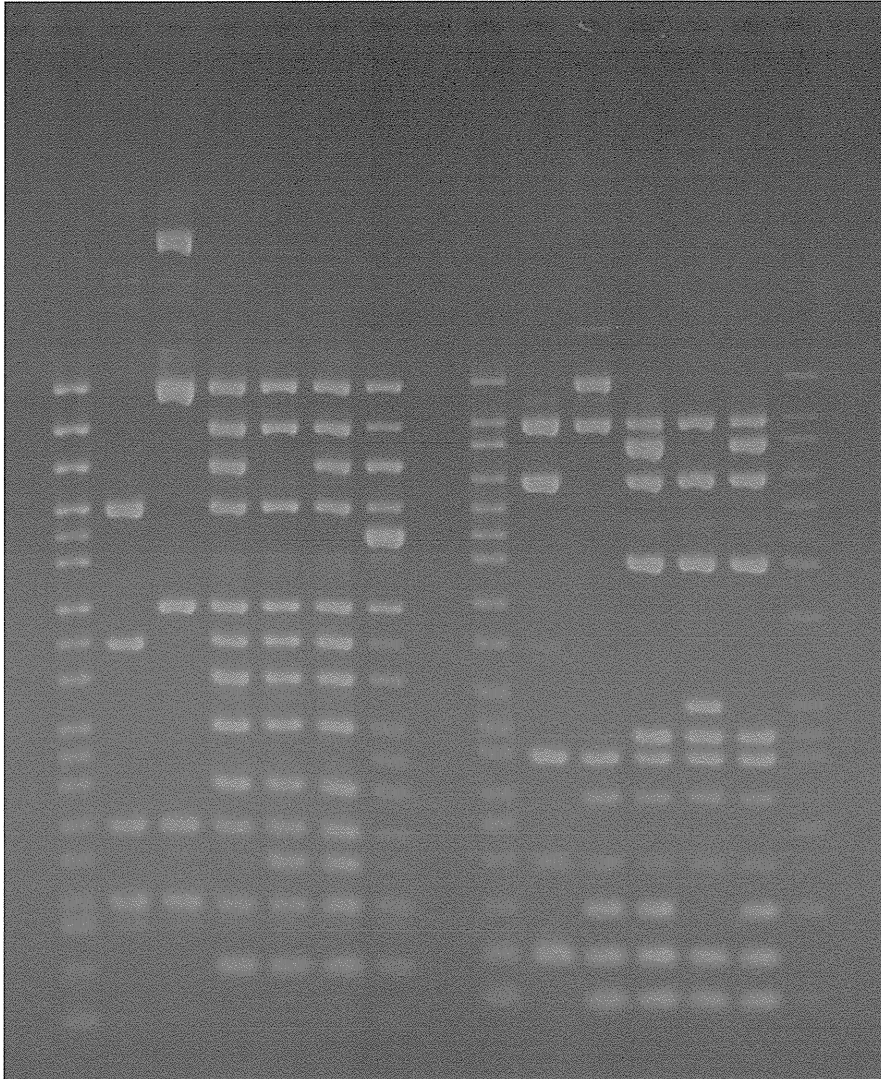
(H)



M	Marker
S	Standard DNA
P	Template Mix
No.1	1872
No.2	1873
No.3	1878
No.4	1882
No.5	1884

(I)

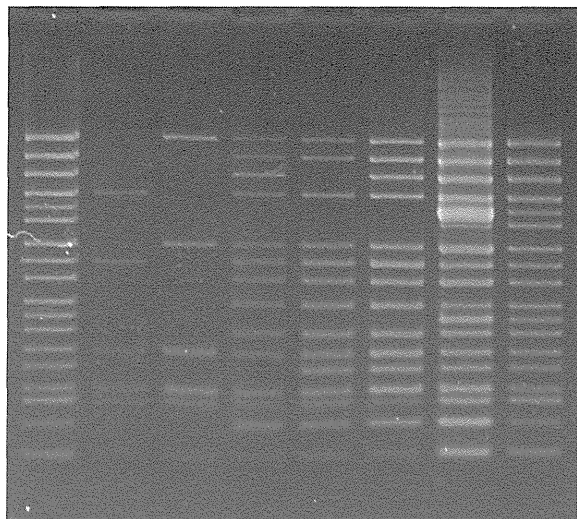
1st set							2nd set						
Std	1	2	3	4	5	P	Std	1	2	3	4	5	P



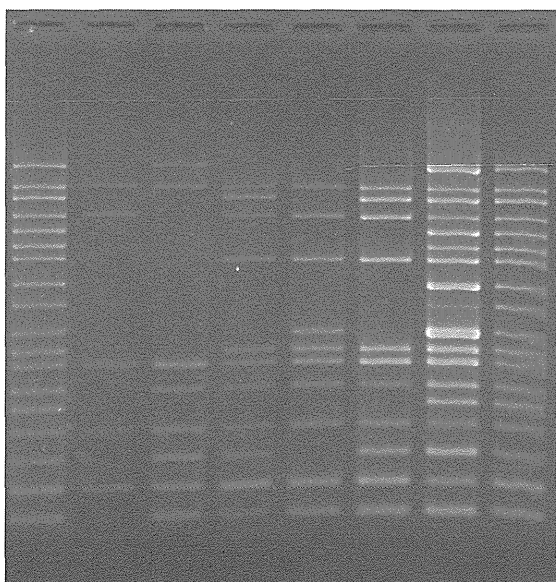
Std: Standard DNA
1: No.1872
2: No.1873
3: No.1878
4: No.1882
5: No.1884
P: Template Mix

(J)

1st set



2nd set



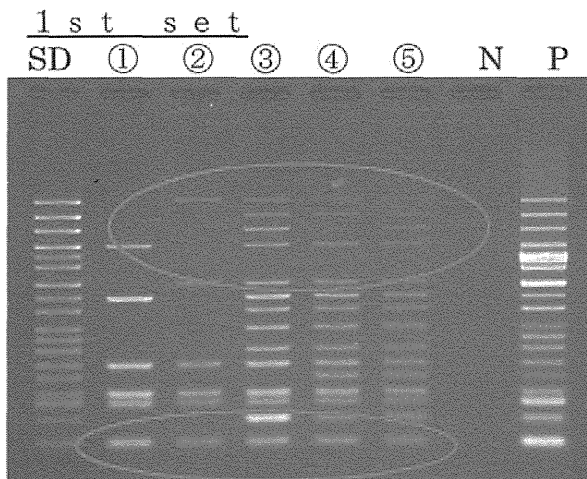
1st set、2nd set 共に、左からスタンダード、1872、1873、1878、1882、1884、
テンプレート、スタンダード

図 2-1 各施設の IS-printing system による泳動像

表 2 各施設の IS-printing system による解析結果

施設	1872		1873		1878		1882		1884	
(A)	012055	210442	101055	300457	717553	611617	317573	211756	717572	611617
(B)	012055	214442	101055	300457	717557	611657	317577	211756	717577	611657
(C)	012055	214442	101055	300457	717557	611657	317577	211756	717577	611657
(D)	012055	214442	101055	300457	717557	611657	317577	211756	717577	611657
(E)	012055	214442	101055	300457	717557	611657	317577	211756	717577	611657
(F)	012055	214442	101055	300457	717557	611657	317577	211756	717577	611657
(G)	012055	210442	101055	300457	717577	611657	317577	211756	717577	611657
(H)	012051	214442	101051	300457	777553	611657	317573	211756	717573	611657
(I)	012055	214442	101055	300457	717557	611657	317577	211756	717577	611657
(J)	012055	214442	101055	300457	717557	611657	317577	211756	717577	611657

(施設B): 低分子量バンドが濃い



M: マーカー、SD: 泳動コントロール、P: ポジティブコントロール、
 N: ネガティブコントロール
 ①: STEC 1872、②: STEC 1873、③: STEC 1878、
 ④: STEC 1882、⑤: STEC 1884

(施設C): 高分子量バンドが濃い
 SD ① ② ③ ④ ⑤ P N

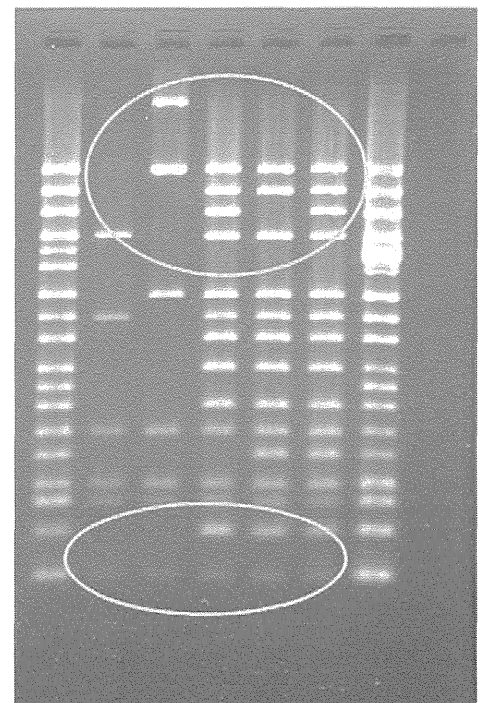


図 2-2a IS-printing system による泳動像の比較