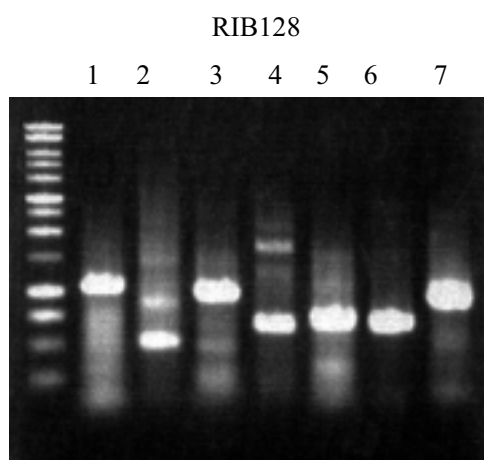
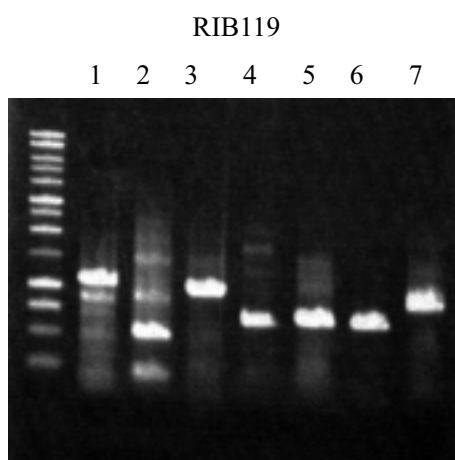
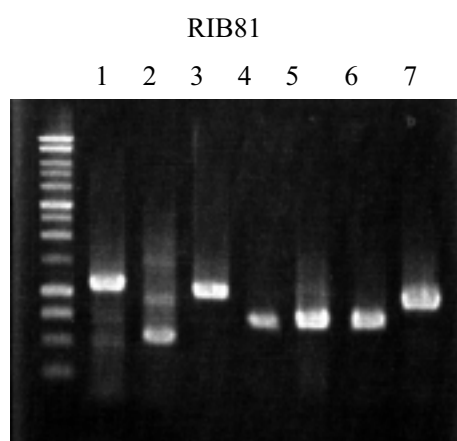
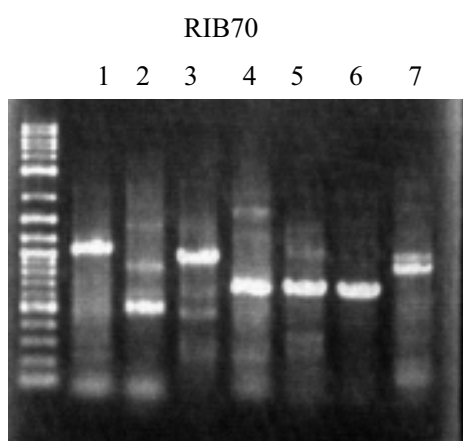
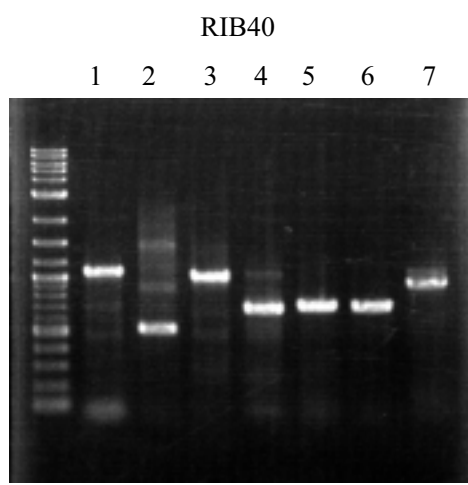
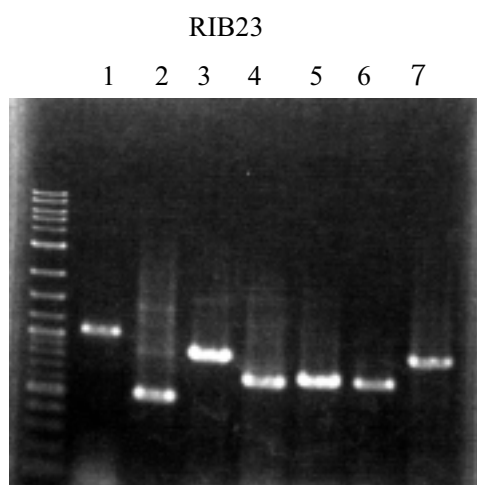
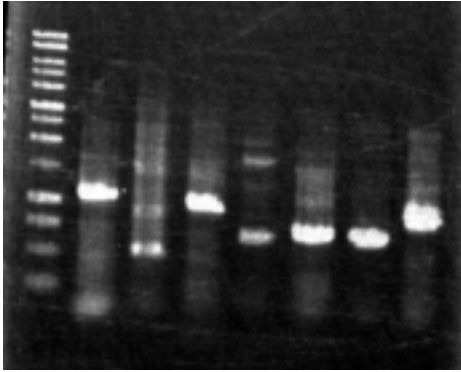


**Fig. S1-A Group 1**



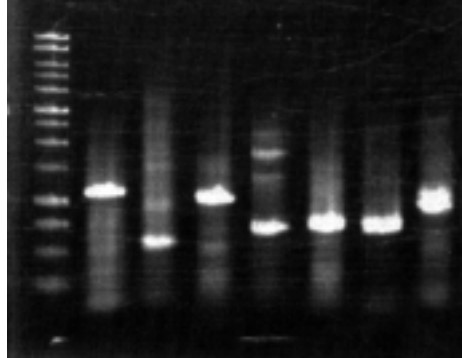
RIB154

1 2 3 4 5 6 7



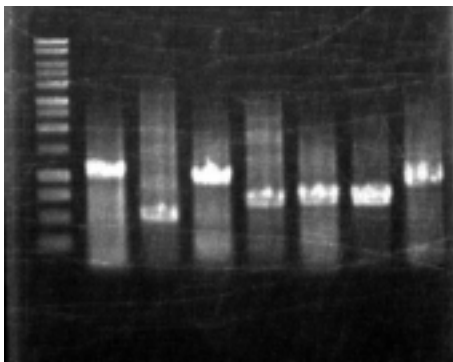
RIB176

1 2 3 4 5 6 7



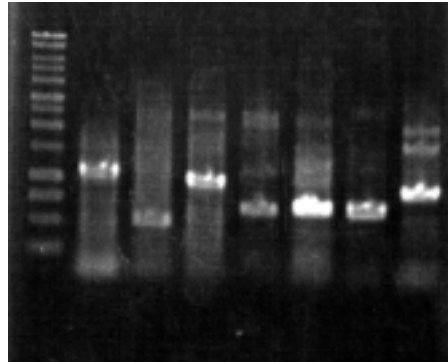
RIB177

1 2 3 4 5 6 7



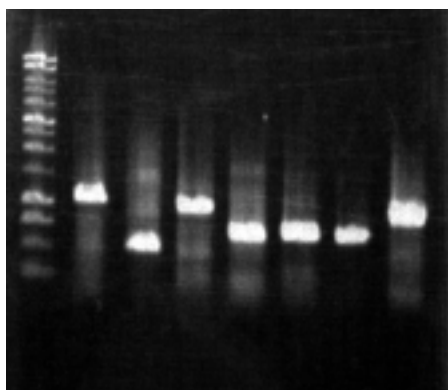
RIB178

1 2 3 4 5 6 7



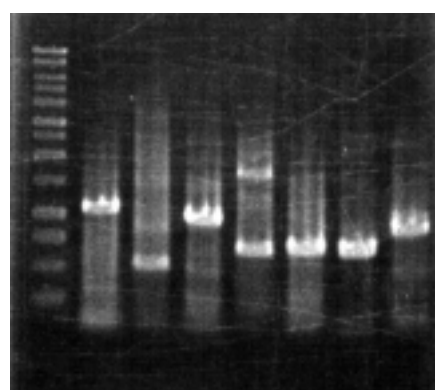
RIB203

1 2 3 4 5 6 7



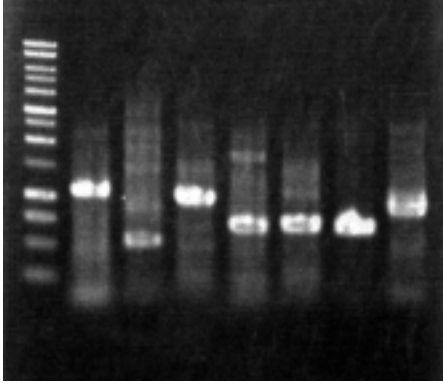
RIB207

1 2 3 4 5 6 7



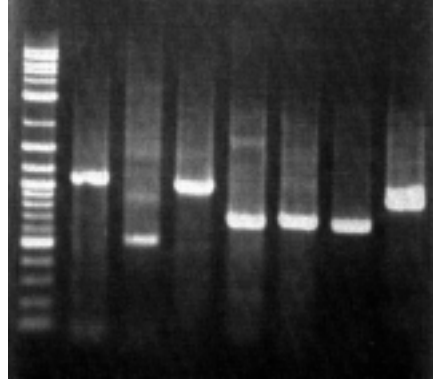
RIB210

1 2 3 4 5 6 7



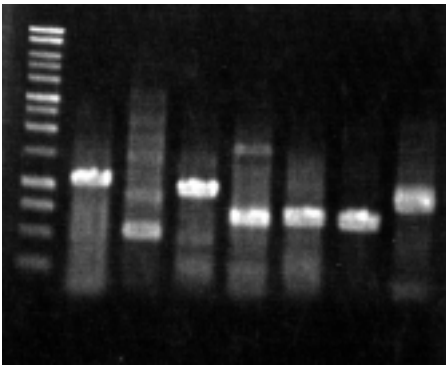
RIB215

1 2 3 4 5 6 7



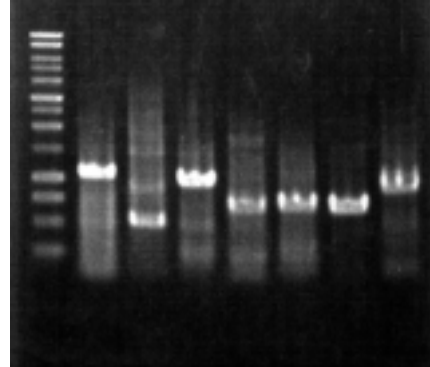
RIB216

1 2 3 4 5 6 7



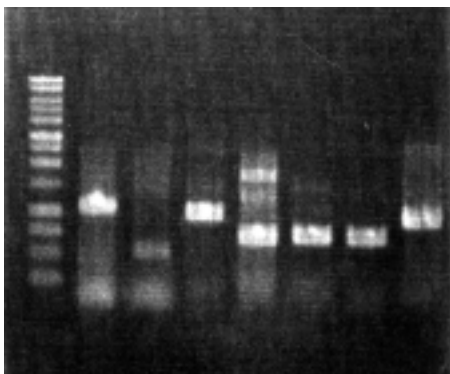
RIB219

1 2 3 4 5 6 7



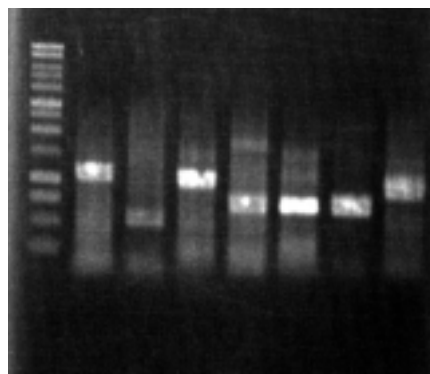
RIB306

1 2 3 4 5 6 7



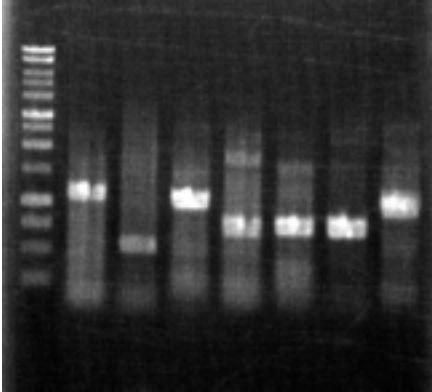
RIB307

1 2 3 4 5 6 7



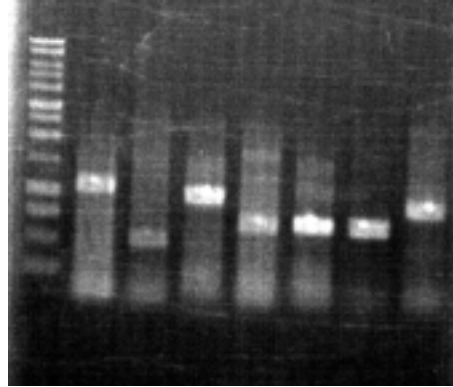
RIB311

1 2 3 4 5 6 7



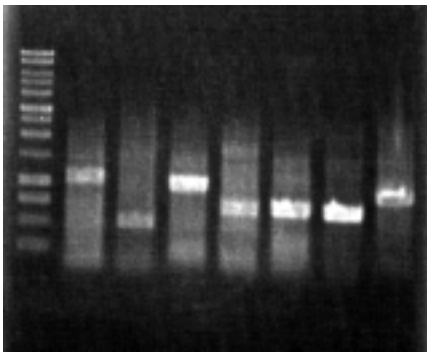
RIB315

1 2 3 4 5 6 7



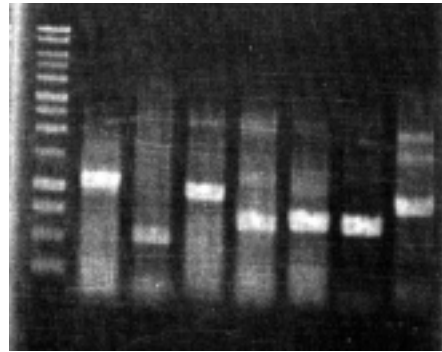
RIB327

1 2 3 4 5 6 7



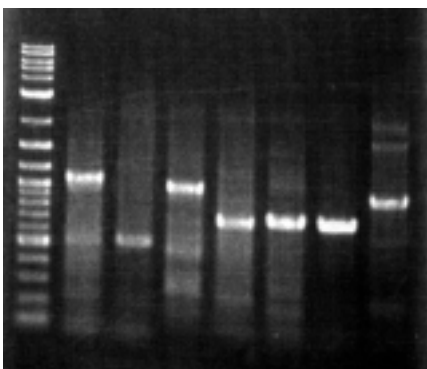
RIB329

1 2 3 4 5 6 7



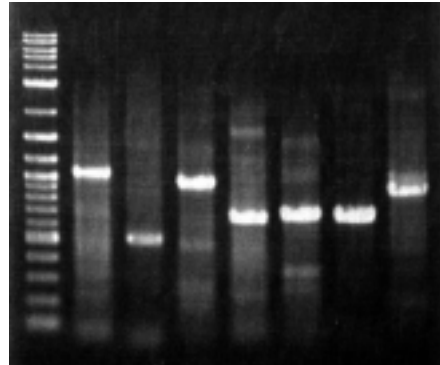
RIB330

1 2 3 4 5 6 7



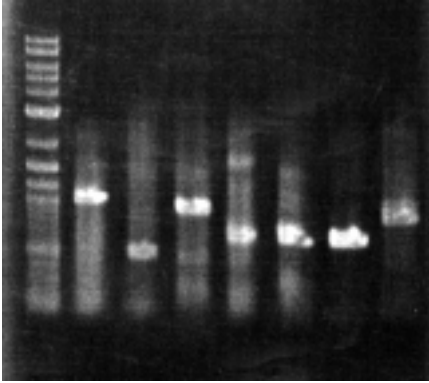
RIB331

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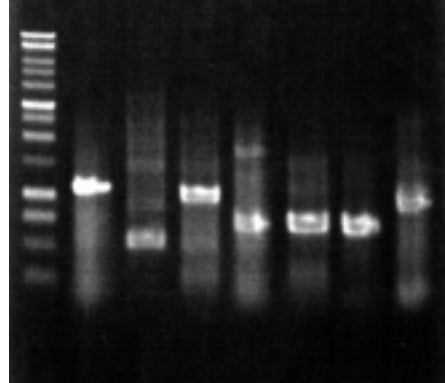
RIB332

1 2 3 4 5 6 7



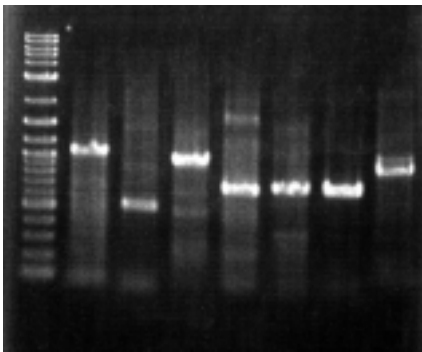
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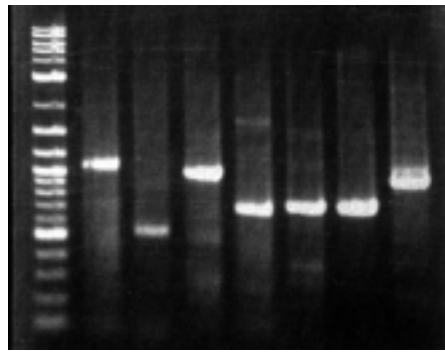
RIB336

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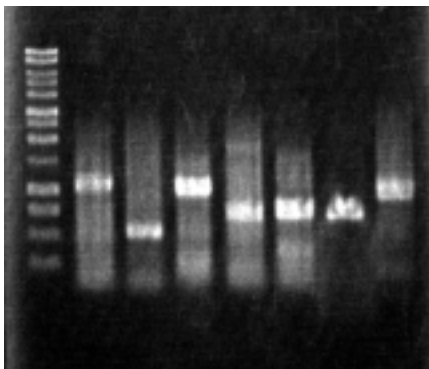
RIB337

1 2 3 4 5 6 7



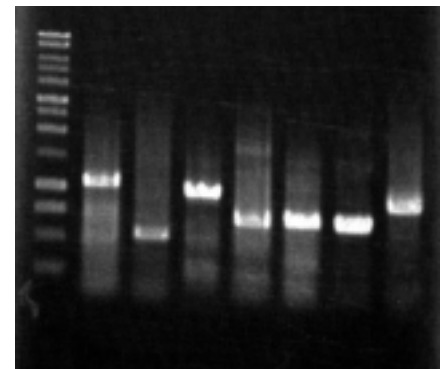
RIB338

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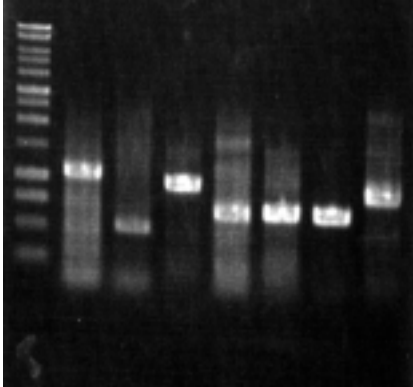
RIB339

1 2 3 4 5 6 7



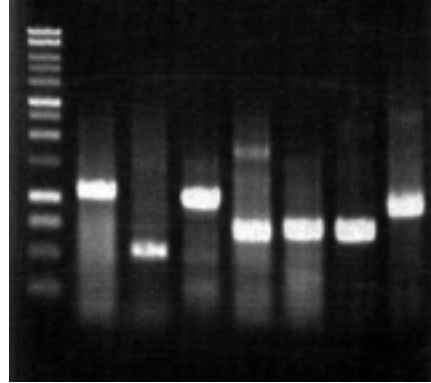
RIB417

1 2 3 4 5 6 7



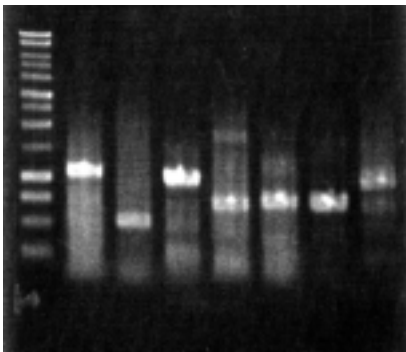
RIB421

1 2 3 4 5 6 7



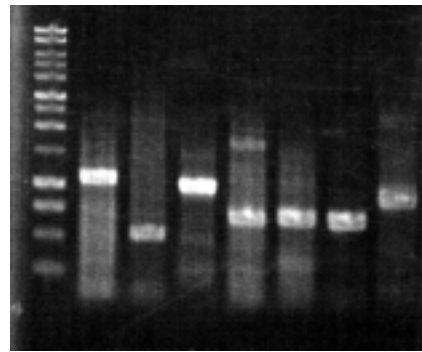
RIB435

1 2 3 4 5 6 7



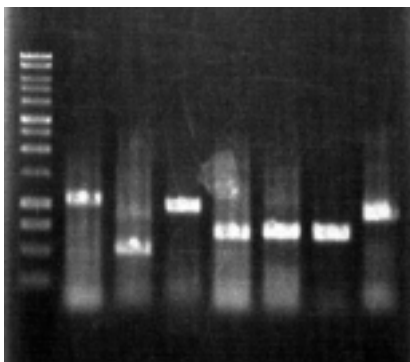
RIB505

1 2 3 4 5 6 7



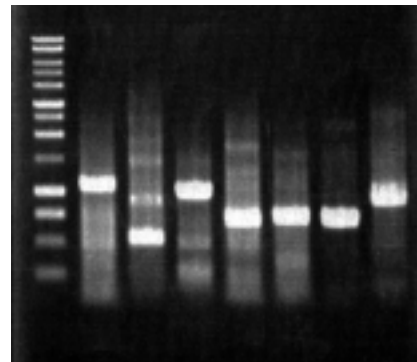
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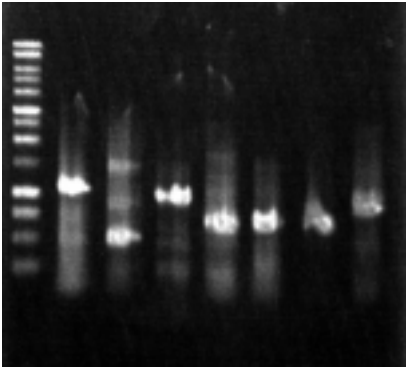
RIB601

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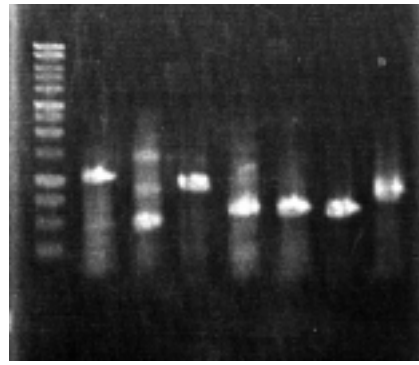
RIB606

1 2 3 4 5 6 7



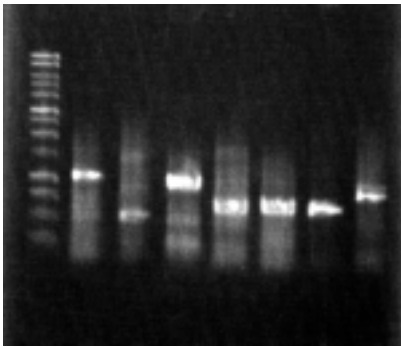
RIB610

1 2 3 4 5 6 7



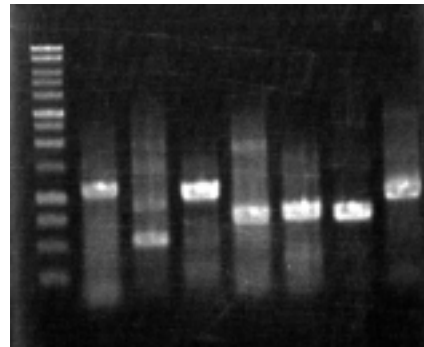
RIB611

1 2 3 4 5 6 7



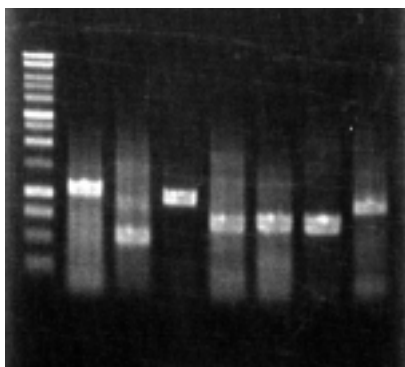
RIB618

1 2 3 4 5 6 7



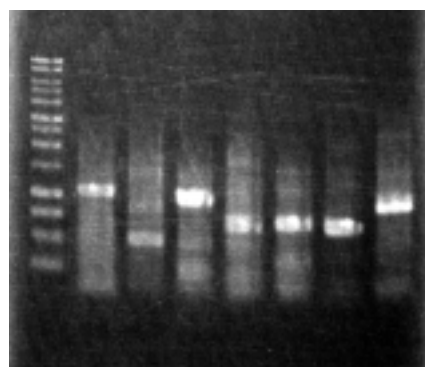
RIB621

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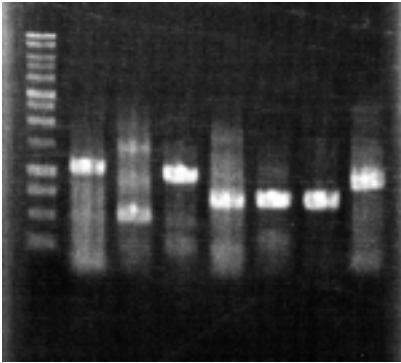
RIB624

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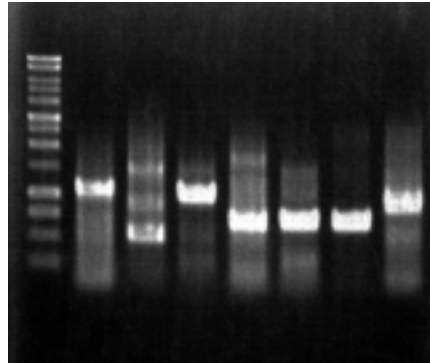
RIB629

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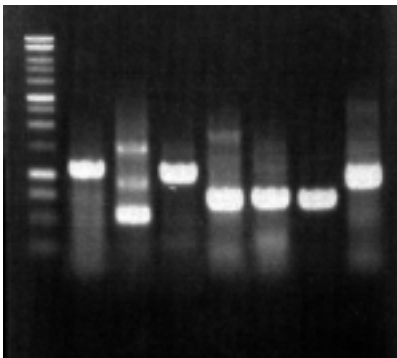
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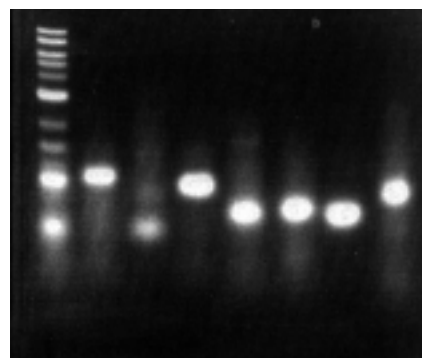
RIB639

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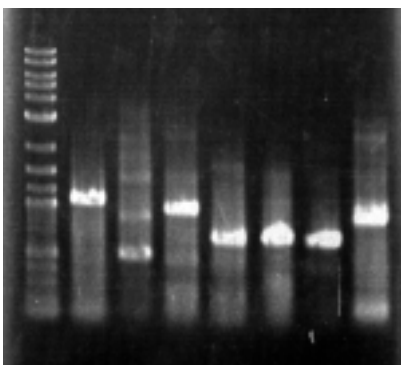
RIB640

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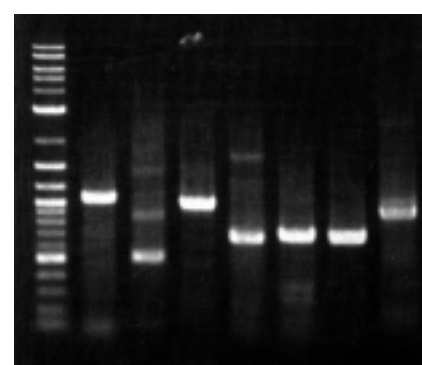
RIB642

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RIB645

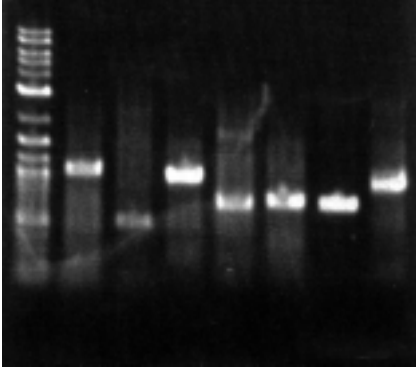
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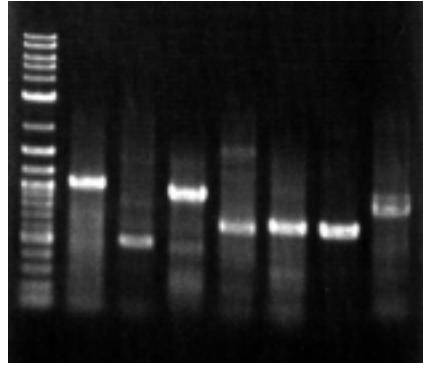
RIB802

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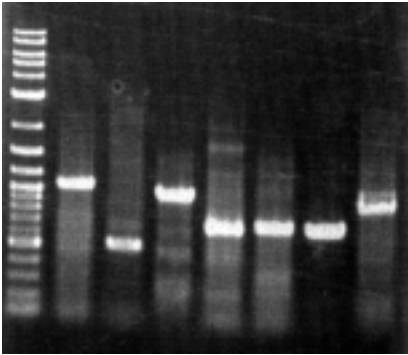
RIB807

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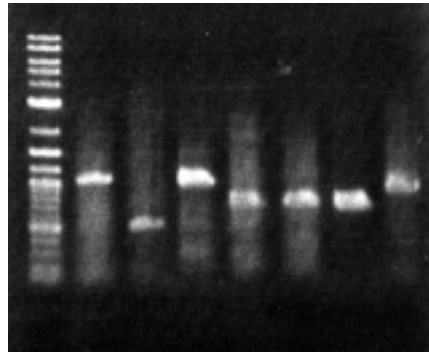
RIB812

1 2 3 4 5 6 7



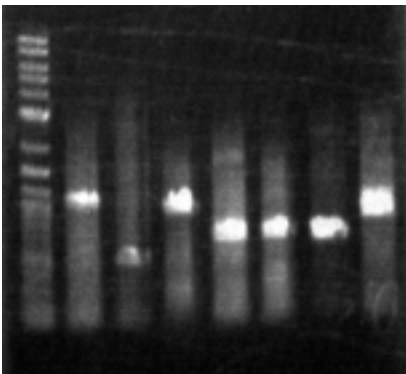
RIB813

1 2 3 4 5 6 7



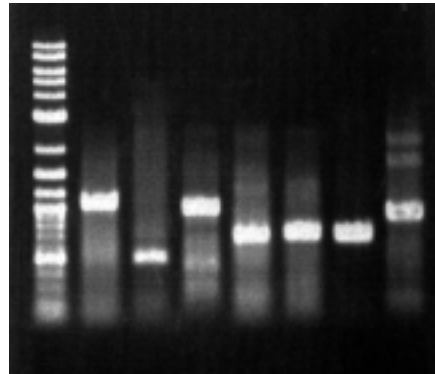
RIB913

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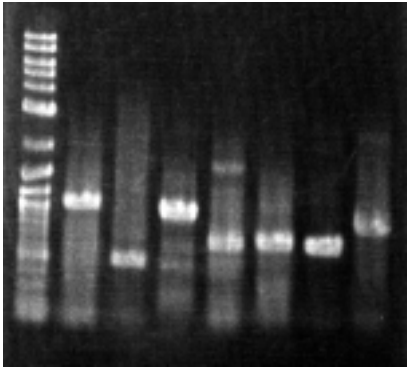
RIB920

1 2 3 4 5 6 7



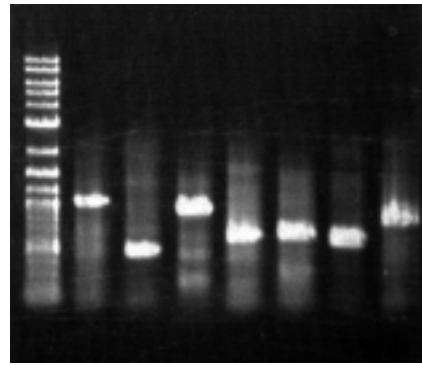
RIB924

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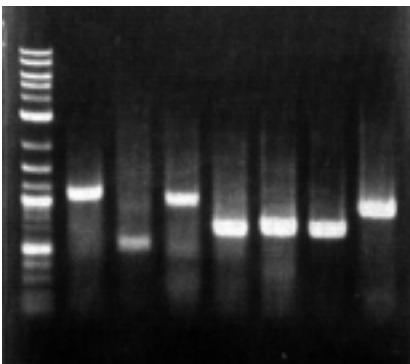
RIB940

1 2 3 4 5 6 7



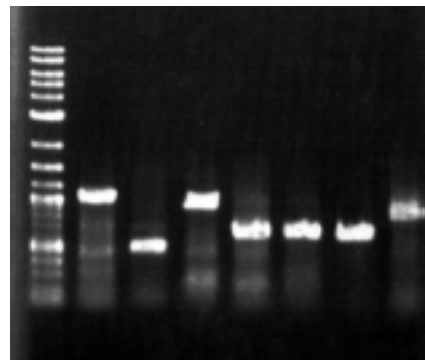
RIB944

1 2 3 4 5 6 7



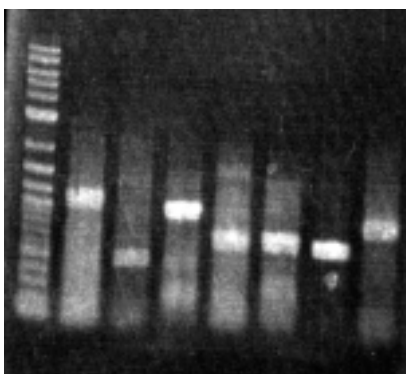
RIB1010

1 2 3 4 5 6 7



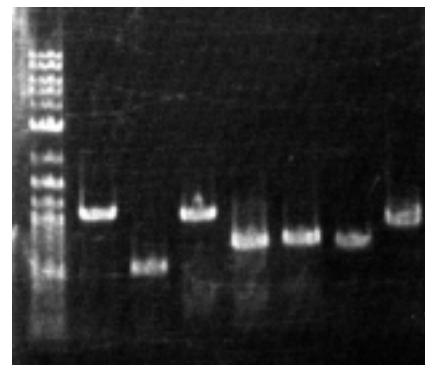
RIB1020

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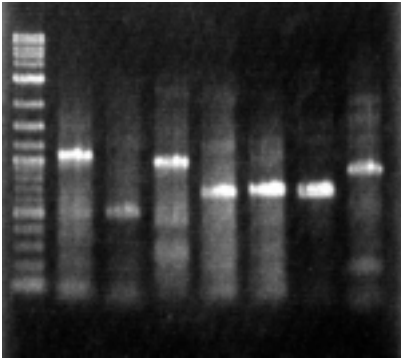
RIB1021

1 2 3 4 5 6 7



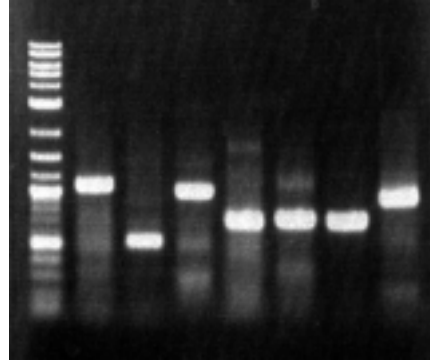
RIB1026

1 2 3 4 5 6 7



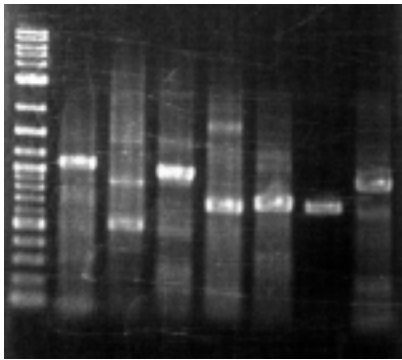
RIB1027

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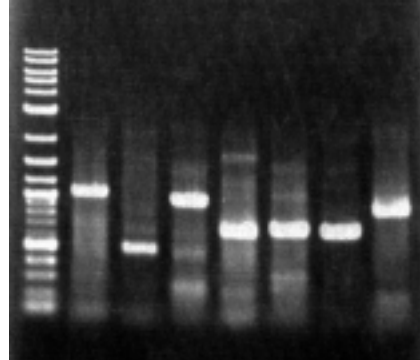
RIB1030

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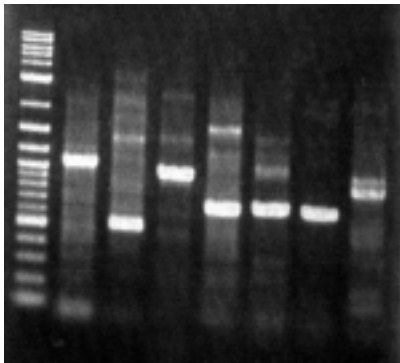
RIB1031

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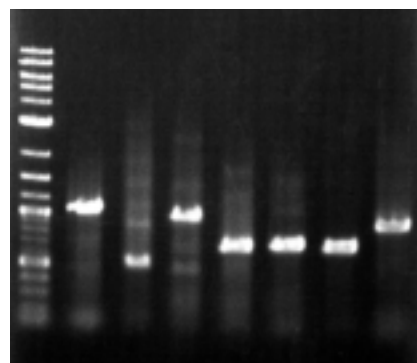
RIB1038

1 2 3 4 5 6 7



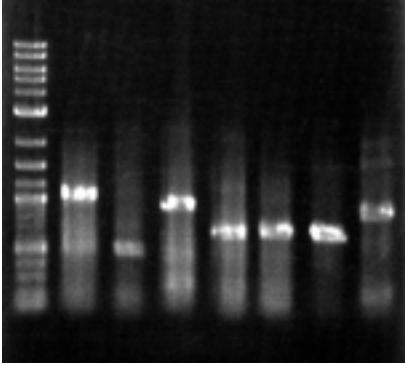
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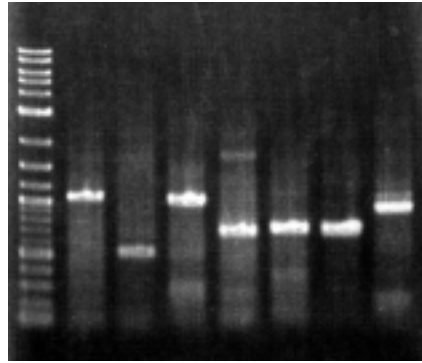
RIB1051

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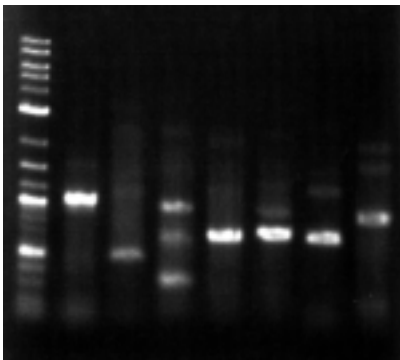
RIB1101

1 2 3 4 5 6 7



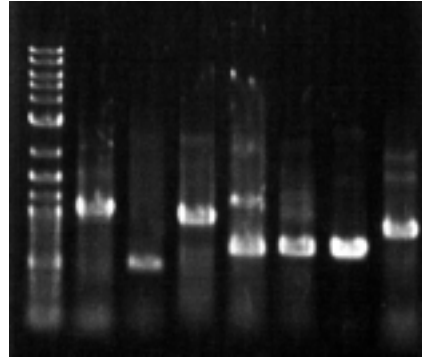
RIB1102

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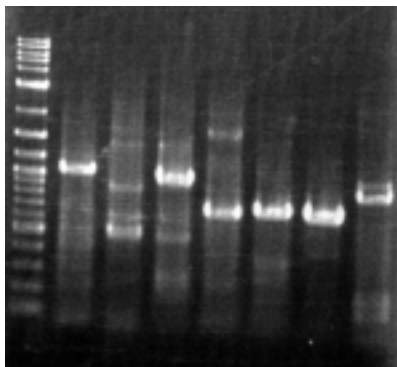
RIB1104

1 2 3 4 5 6 7



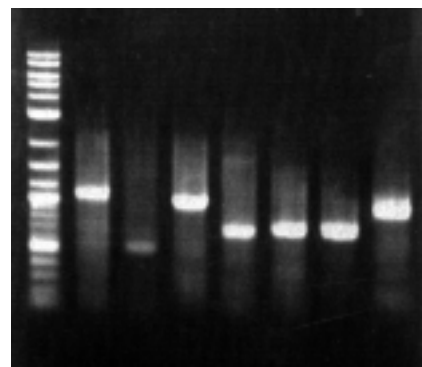
RIB1108

1 2 3 4 5 6 7



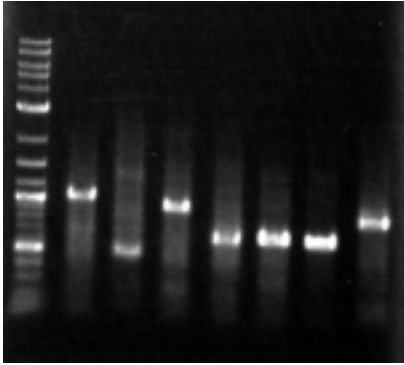
RIB1112

1 2 3 4 5 6 7



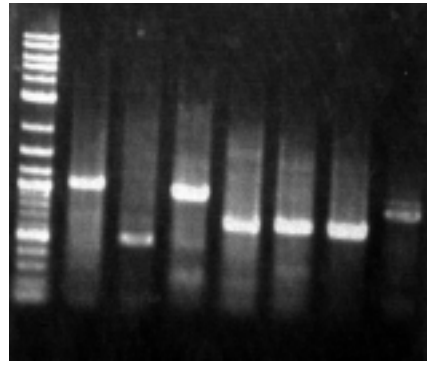
RIB1119

1 2 3 4 5 6 7



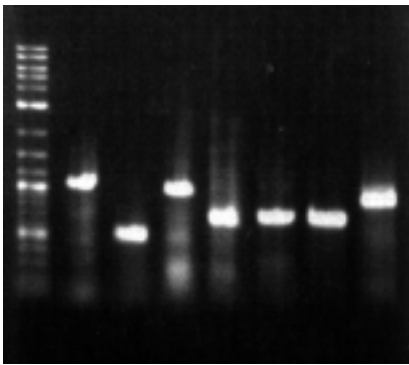
RIB1120

1 2 3 4 5 6 7



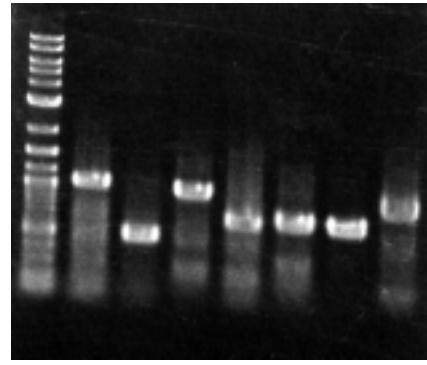
RIB1123

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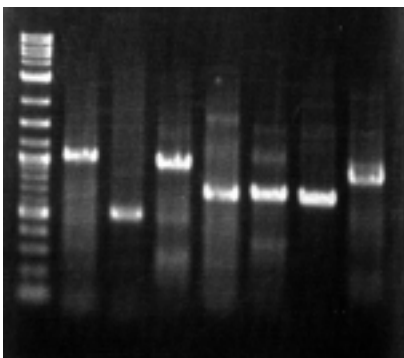
RIB1128

1 2 3 4 5 6 7



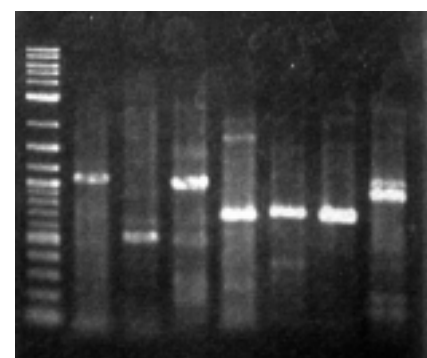
RIB1133

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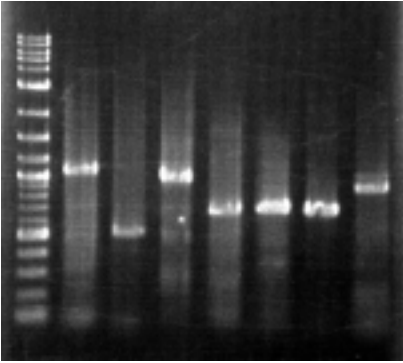
RIB1135

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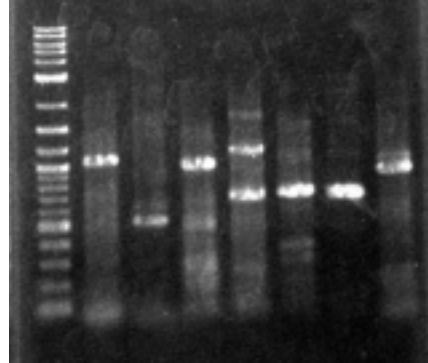
RIB1139

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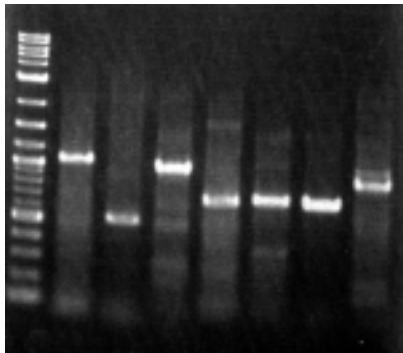
RIB1141

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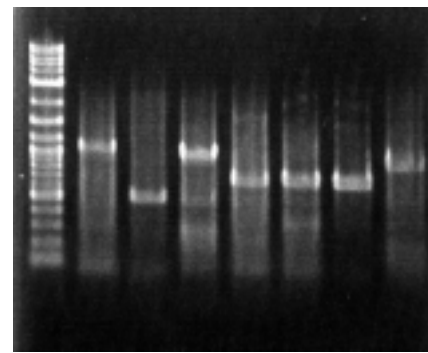
RIB1142

1 2 3 4 5 6 7



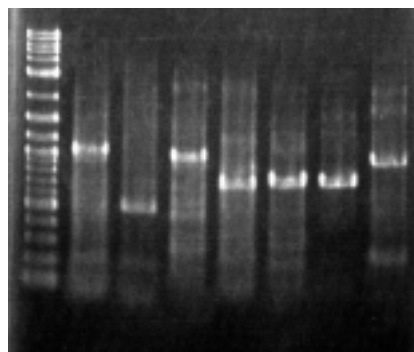
RIB1145

1 2 3 4 5 6 7



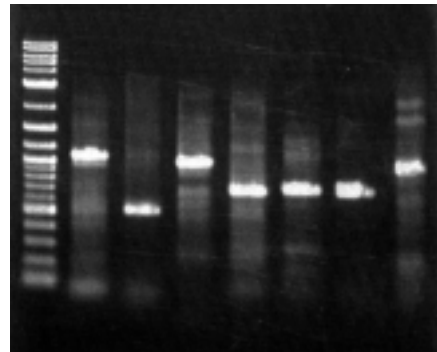
RIB1146

1 2 3 4 5 6 7



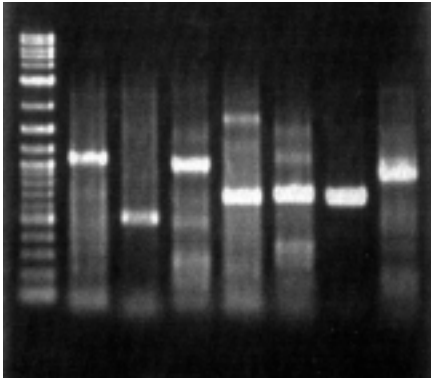
RIB1156

1 2 3 4 5 6 7



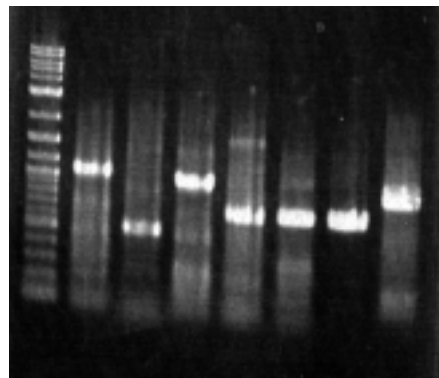
RIB1172

1 2 3 4 5 6 7



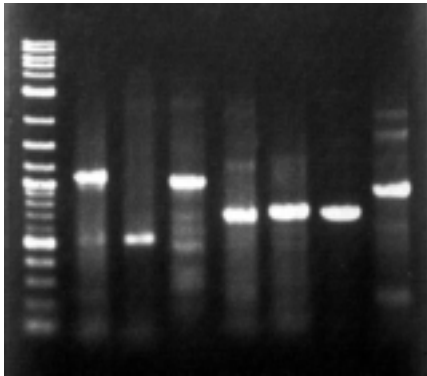
RIB1178

1 2 3 4 5 6 7



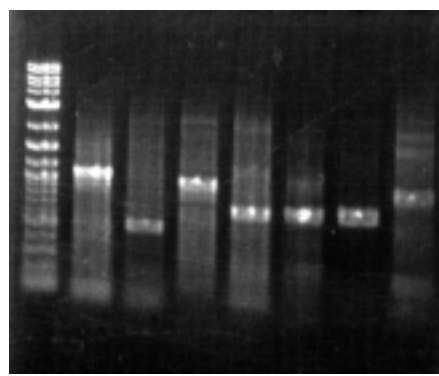
RIB1181

1 2 3 4 5 6 7



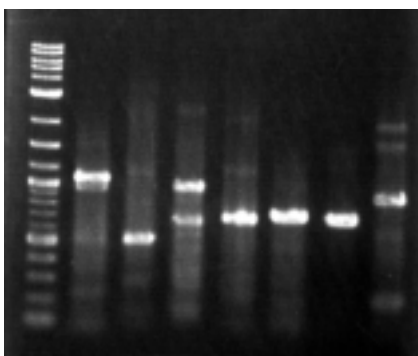
RIB1182

1 2 3 4 5 6 7



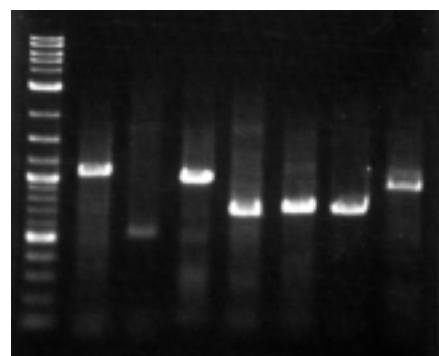
RIB1185

1 2 3 4 5 6 7



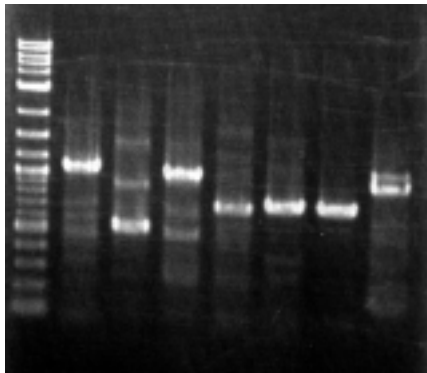
RIB1186

1 2 3 4 5 6 7



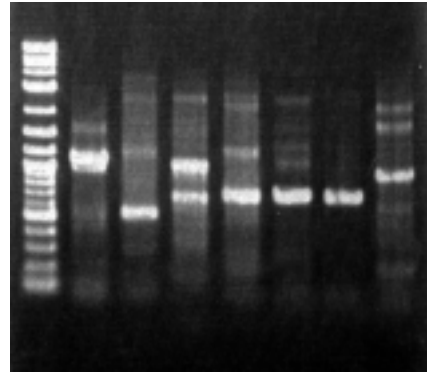
RIB1194

1 2 3 4 5 6 7



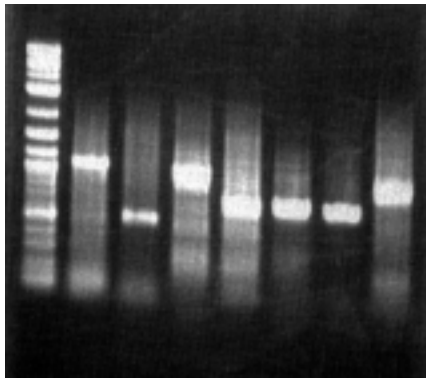
RIB1197

1 2 3 4 5 6 7



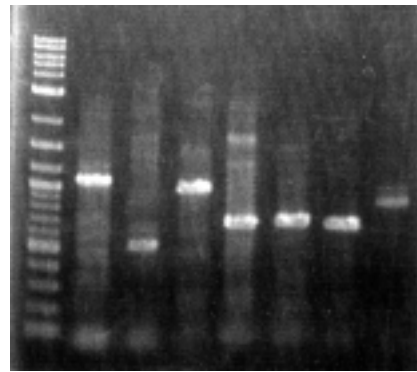
RIB1199

1 2 3 4 5 6 7



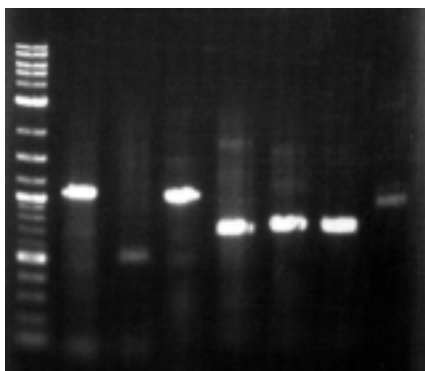
RIB1203

1 2 3 4 5 6 7



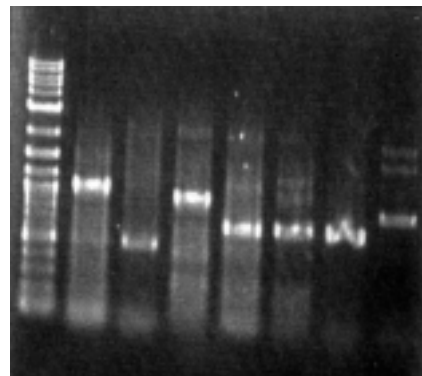
RIB1204

1 2 3 4 5 6 7



RIB1207

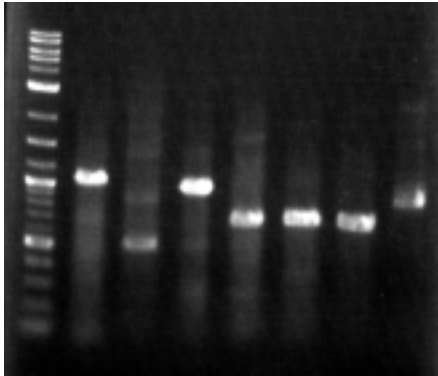
1 2 3 4 5 6 7





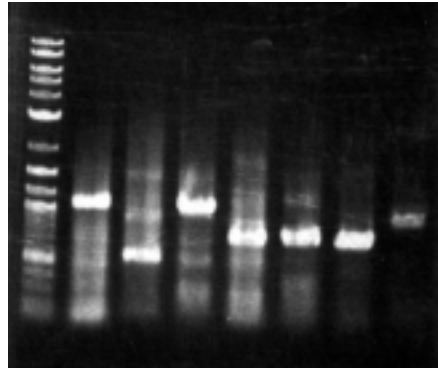
RIB1212

1 2 3 4 5 6 7



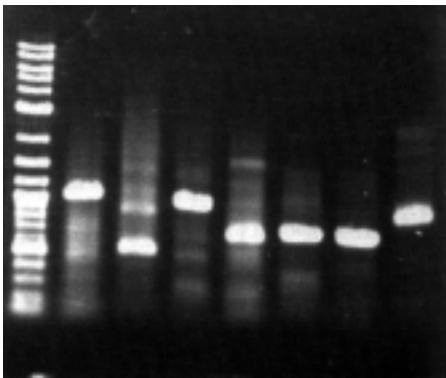
RIB1214

1 2 3 4 5 6 7



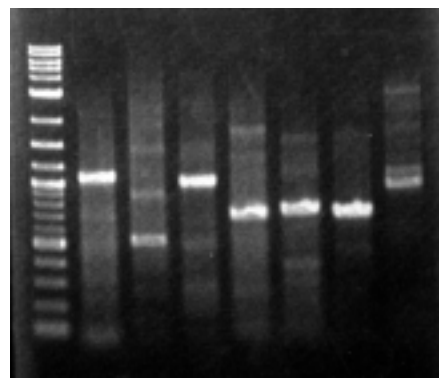
RIB1215

1 2 3 4 5 6 7



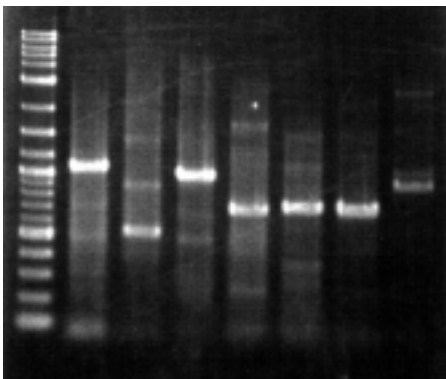
RIB1218

1 2 3 4 5 6 7



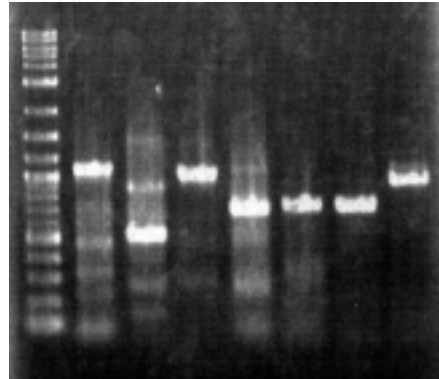
RIB1302

1 2 3 4 5 6 7



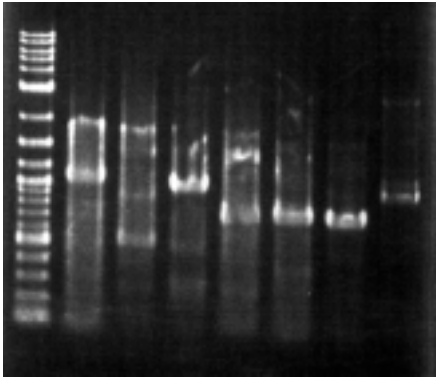
RIB1306

1 2 3 4 5 6 7



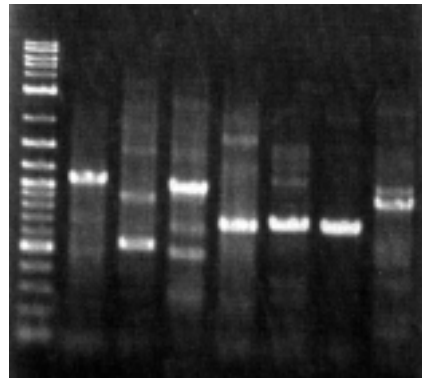
RIB1310

1 2 3 4 5 6 7



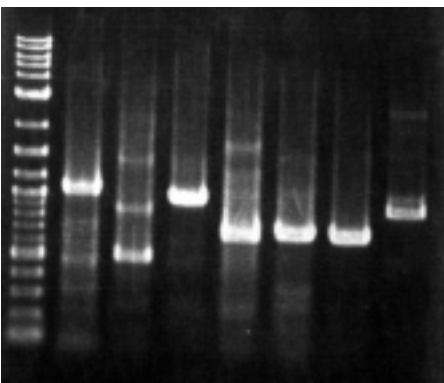
RIB1311

1 2 3 4 5 6 7



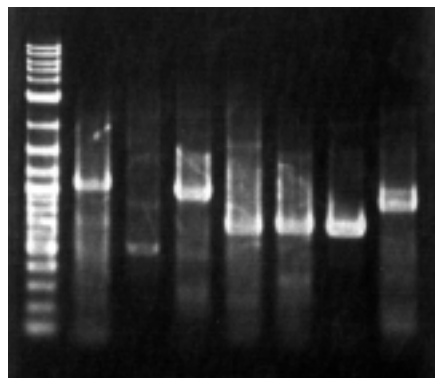
RIB1312

1 2 3 4 5 6 7



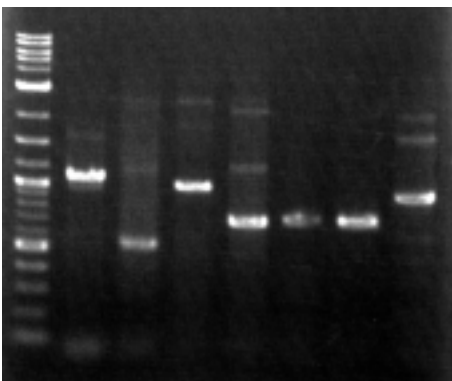
RIB1330

1 2 3 4 5 6 7



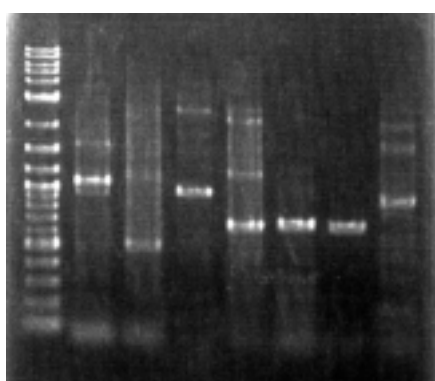
RIB1341

1 2 3 4 5 6 7



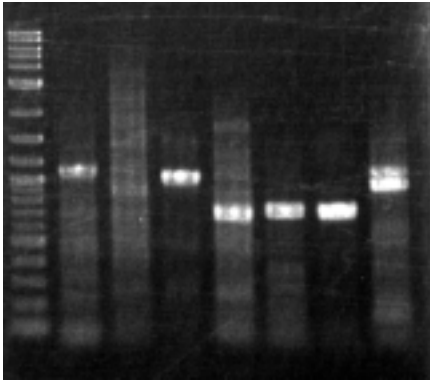
RIB1347

1 2 3 4 5 6 7



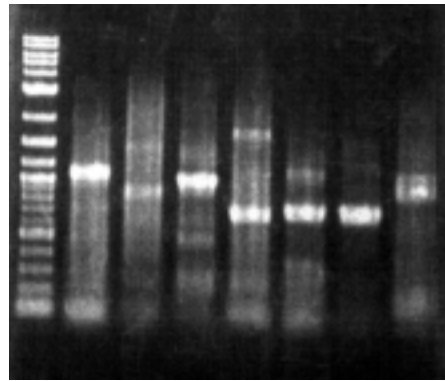
RIB1351

1 2 3 4 5 6 7



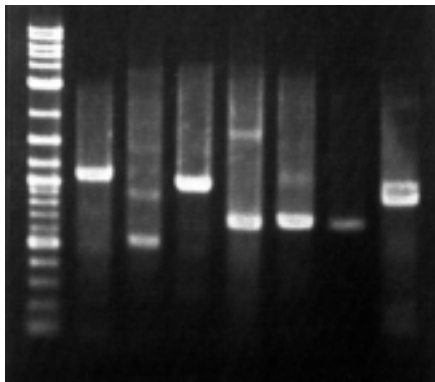
RIB1352

1 2 3 4 5 6 7



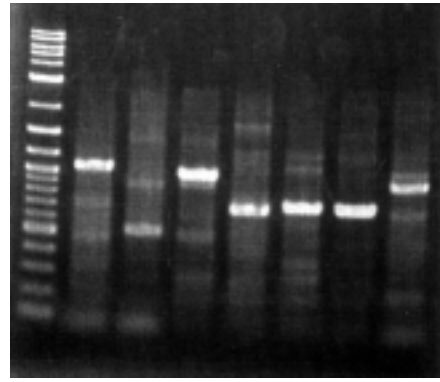
RIB1372

1 2 3 4 5 6 7



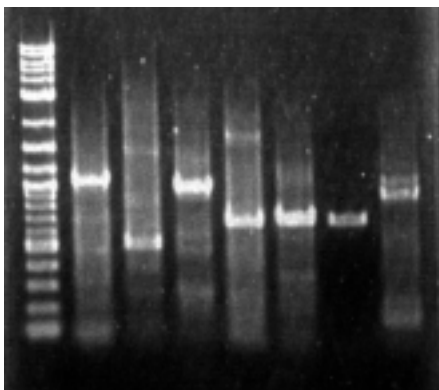
RIB1401

1 2 3 4 5 6 7



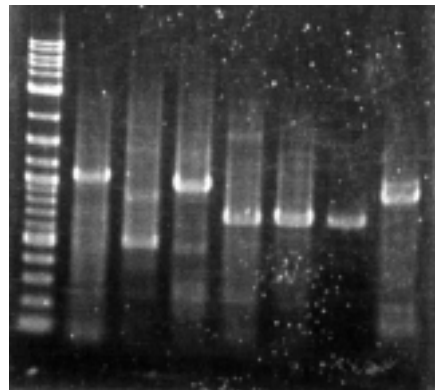
RIB1402

1 2 3 4 5 6 7



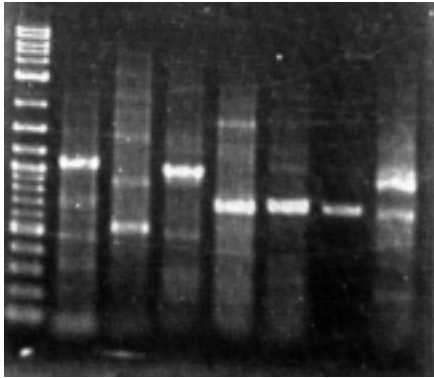
RIB1403

1 2 3 4 5 6 7



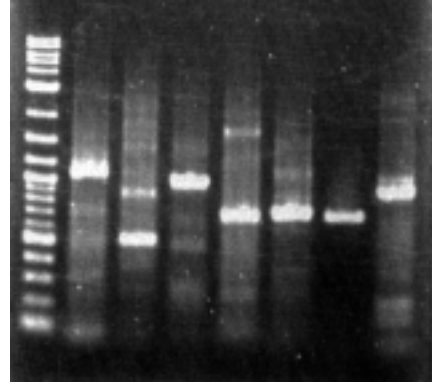
RIB1409

1 2 3 4 5 6 7



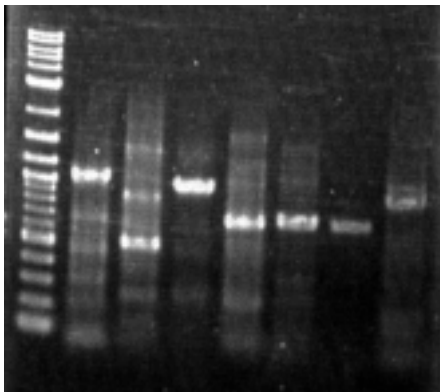
RIB1413

1 2 3 4 5 6 7



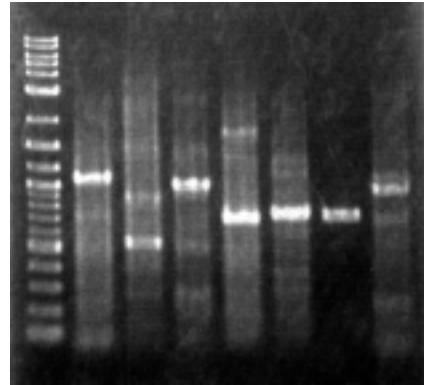
RIB1415

1 2 3 4 5 6 7



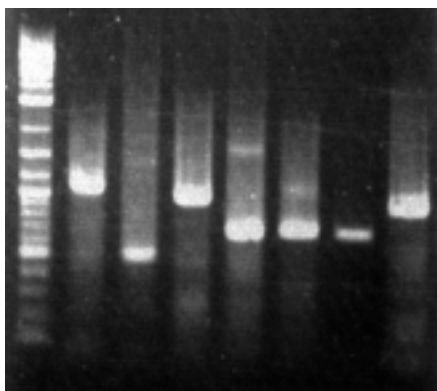
RIB1416

1 2 3 4 5 6 7



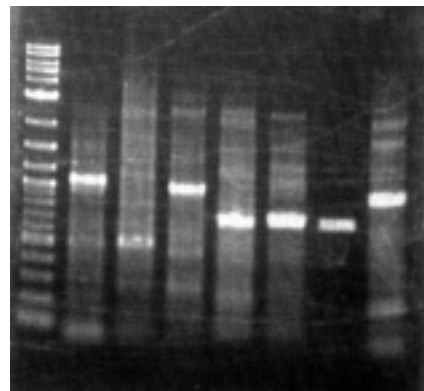
RIB1420

1 2 3 4 5 6 7



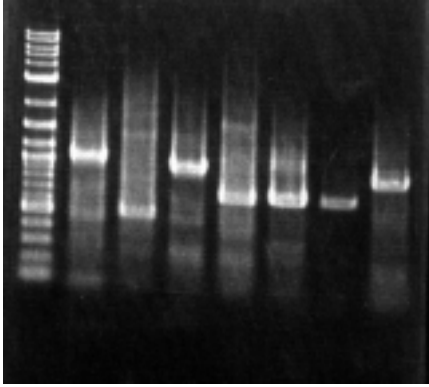
RIB1426

1 2 3 4 5 6 7



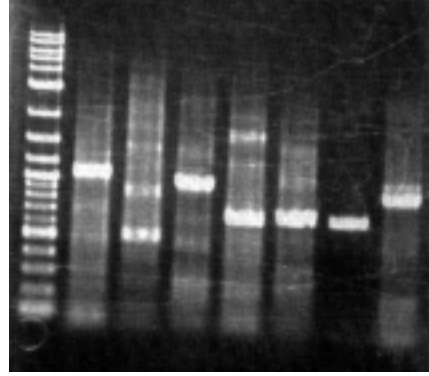
RIB4007

1 2 3 4 5 6 7

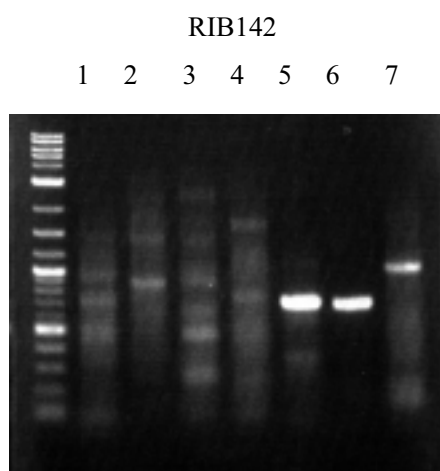
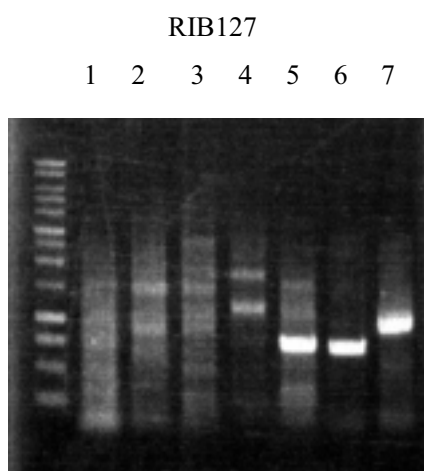
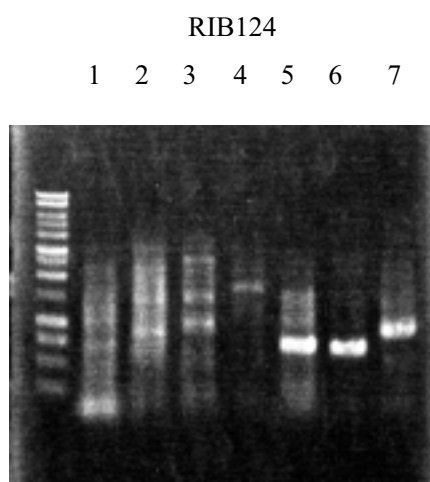
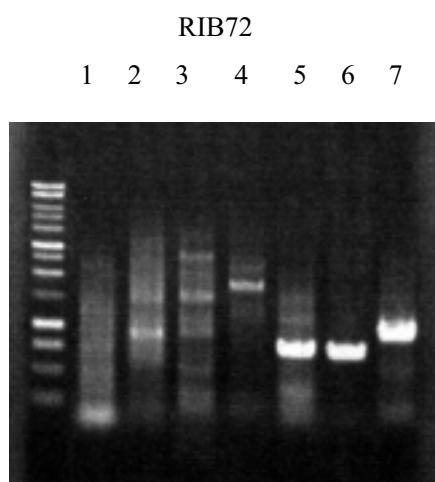
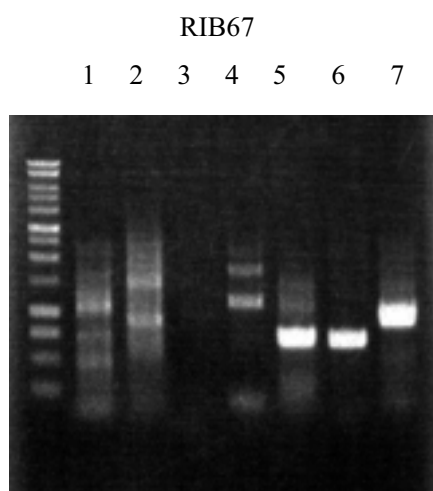
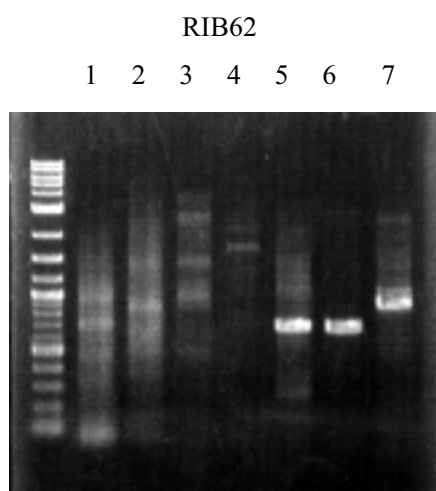


RIB4031

1 2 3 4 5 6 7

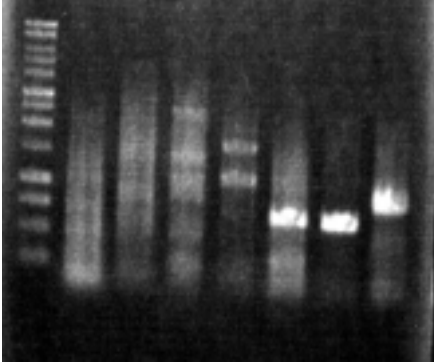


**Fig. S1-B Group 2**



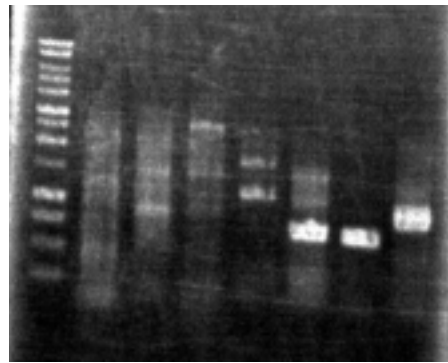
RIB144

1 2 3 4 5 6 7



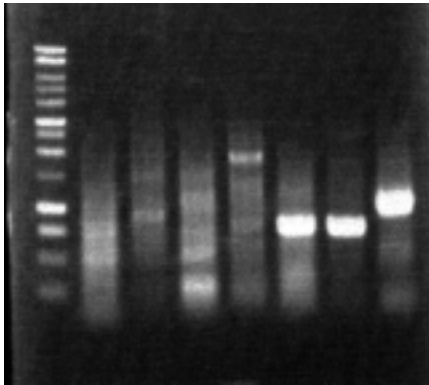
RIB151

1 2 3 4 5 6 7



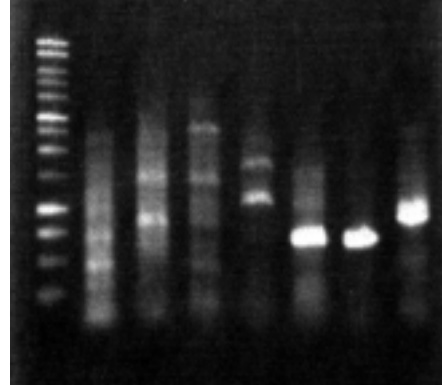
RIB158

1 2 3 4 5 6 7



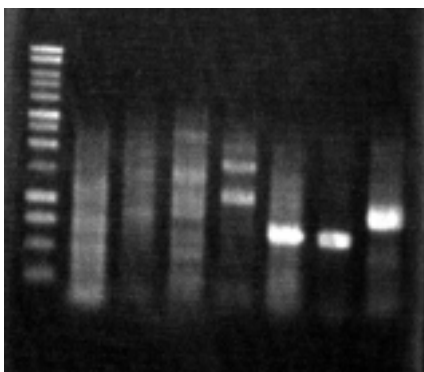
RIB163

1 2 3 4 5 6 7



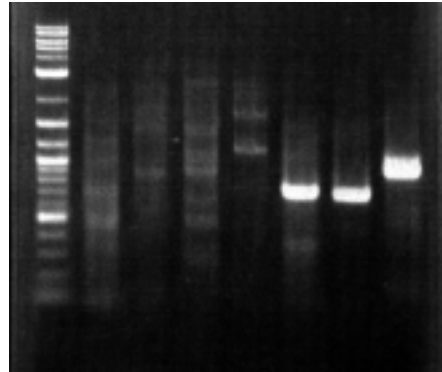
RIB171

1 2 3 4 5 6 7



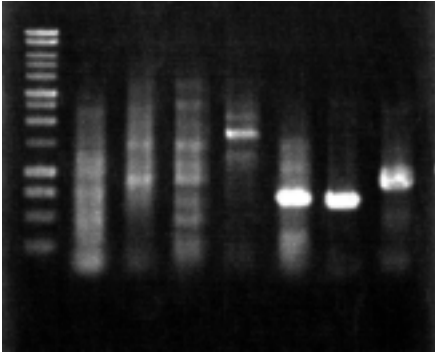
RIB179

1 2 3 4 5 6 7



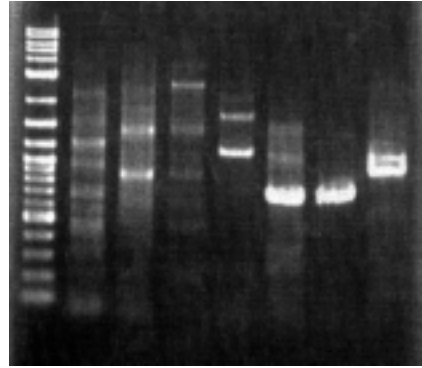
RIB180

1 2 3 4 5 6 7



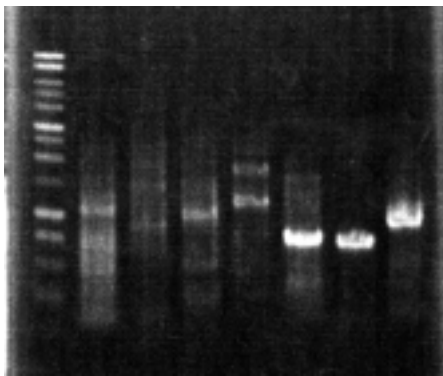
RIB202

1 2 3 4 5 6 7



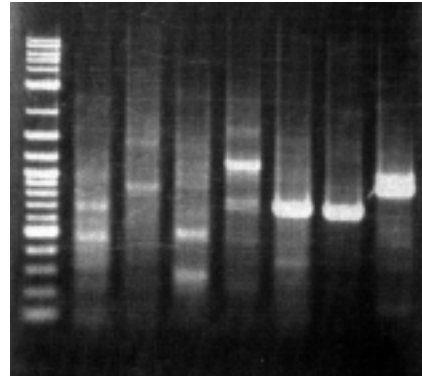
RIB208

1 2 3 4 5 6 7



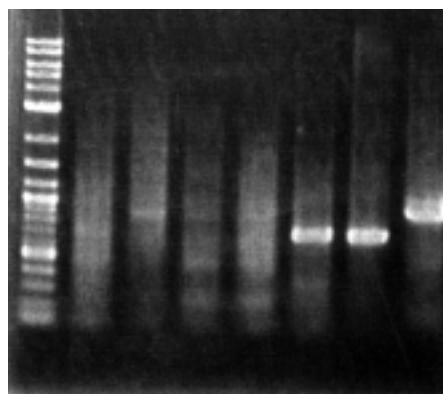
RIB209

1 2 3 4 5 6 7



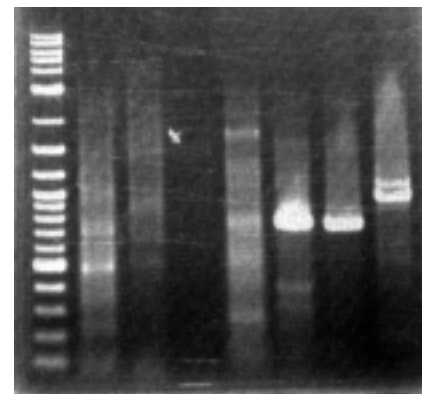
RIB303

1 2 3 4 5 6 7



RIB312

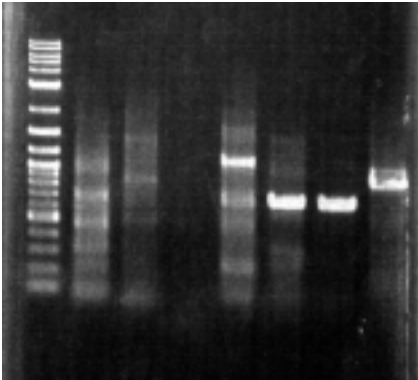
1 2 3 4 5 6 7





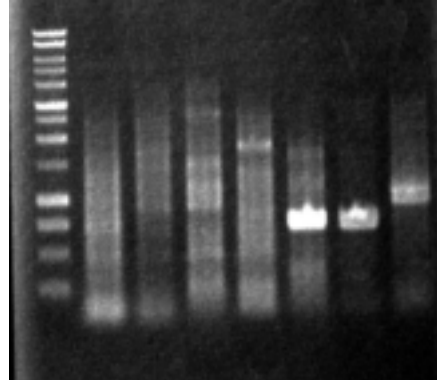
RIB313

1 2 3 4 5 6 7



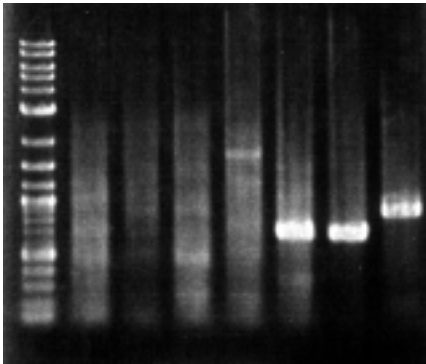
RIB319

1 2 3 4 5 6 7



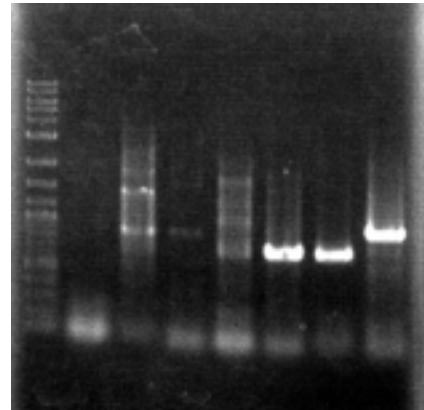
RIB402

1 2 3 4 5 6 7



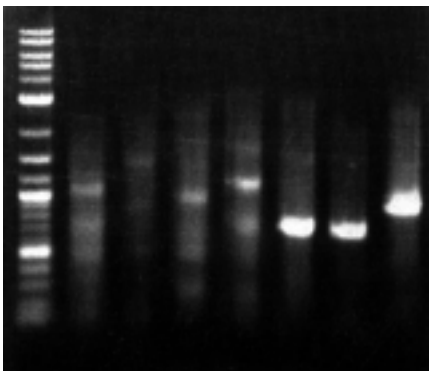
RIB404

1 2 3 4 5 6 7



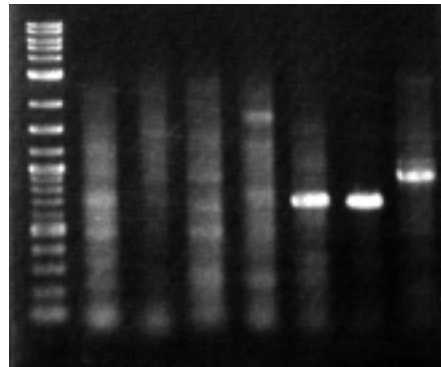
RIB406

1 2 3 4 5 6 7



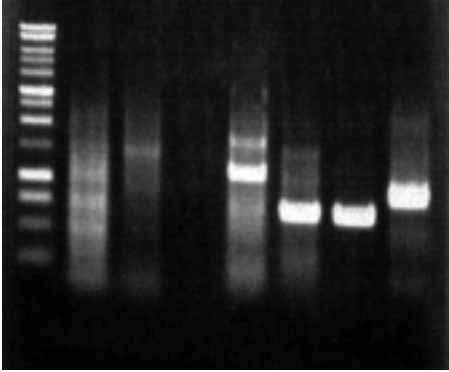
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1 2 3 4 5 6 7



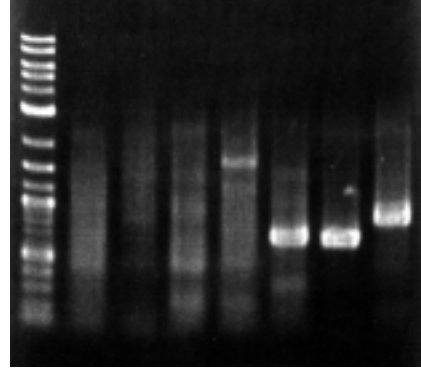
RIB415

1 2 3 4 5 6 7



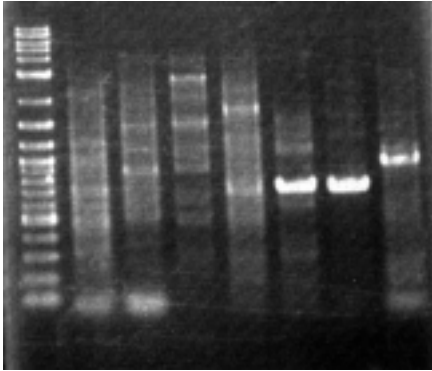
RIB423

1 2 3 4 5 6 7



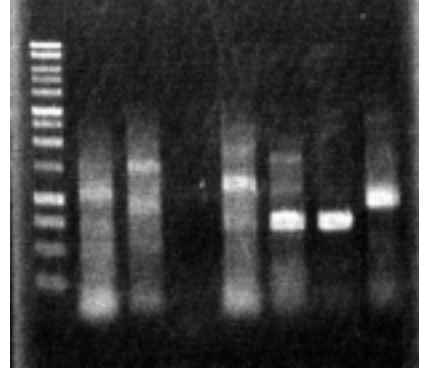
RIB430

1 2 3 4 5 6 7



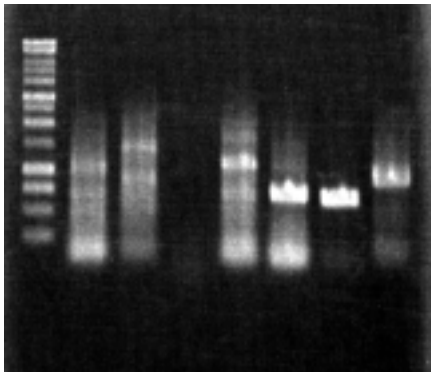
RIB508

1 2 3 4 5 6 7



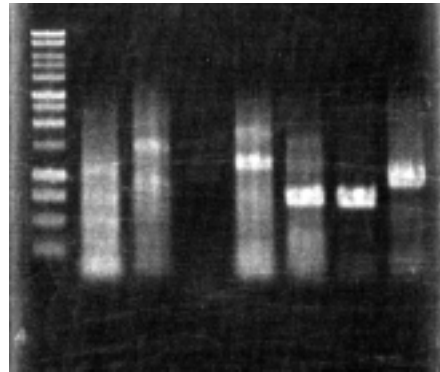
RIB510

1 2 3 4 5 6 7



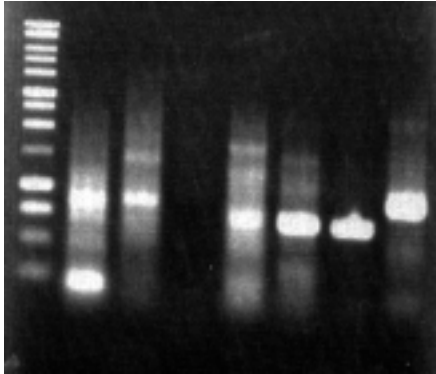
RIB517

1 2 3 4 5 6 7



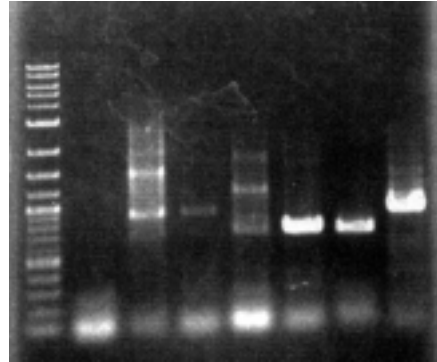
RIB521

1 2 3 4 5 6 7



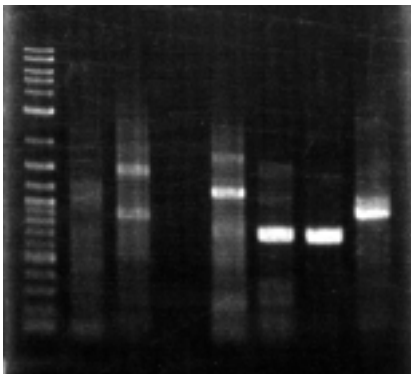
RIB537

1 2 3 4 5 6 7



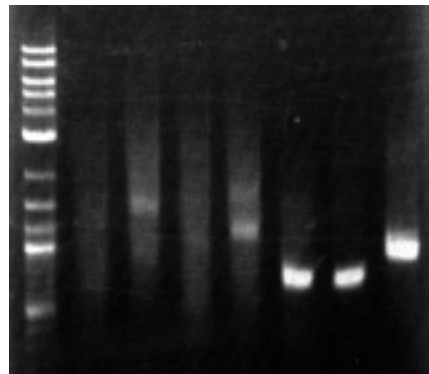
RIB608

1 2 3 4 5 6 7



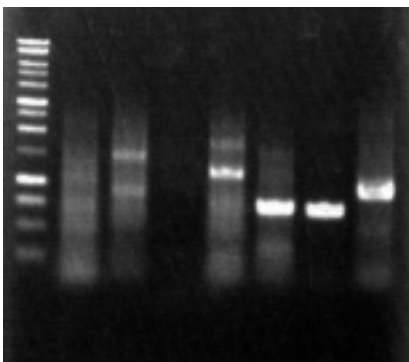
RIB615

1 2 3 4 5 6 7



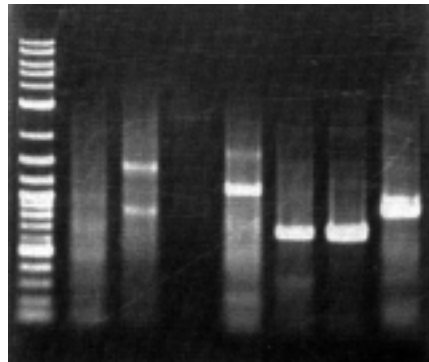
RIB619

1 2 3 4 5 6 7



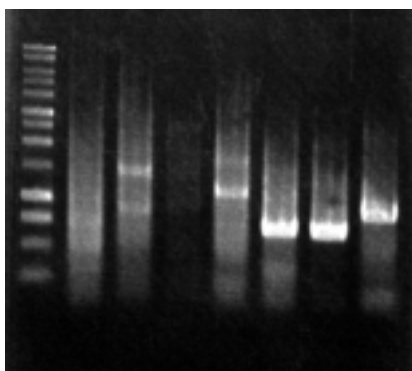
RIB630

1 2 3 4 5 6 7



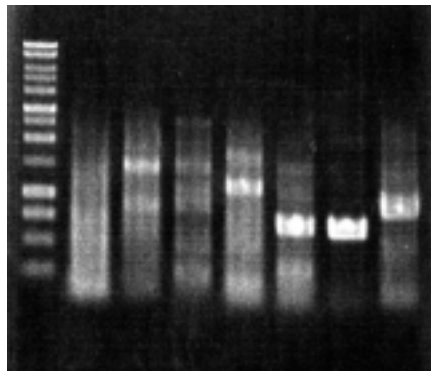
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1 2 3 4 5 6 7



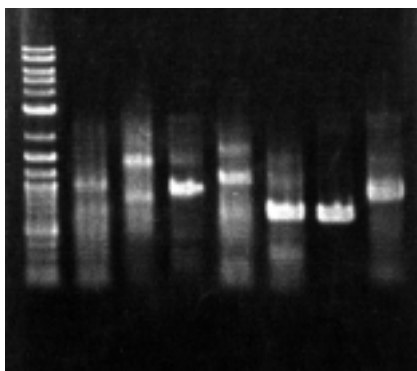
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1 2 3 4 5 6 7



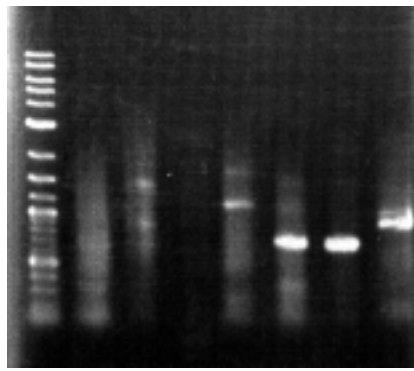
RIB641

1 2 3 4 5 6 7



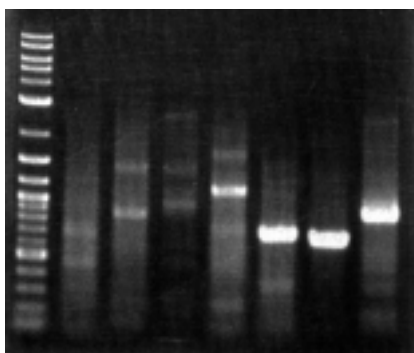
RIB644

1 2 3 4 5 6 7



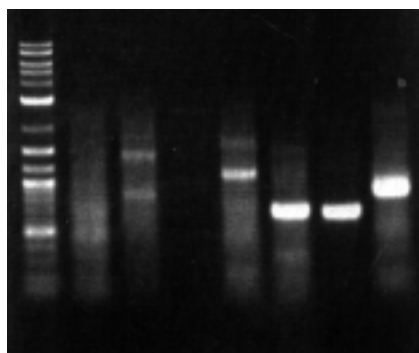
RIB646

1 2 3 4 5 6 7



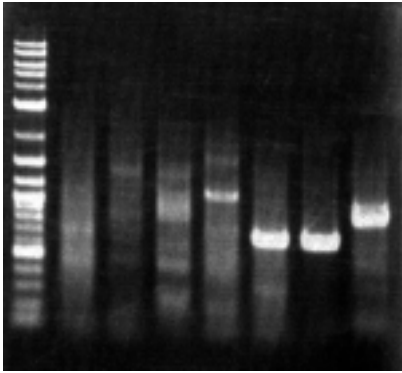
RIB701

1 2 3 4 5 6 7



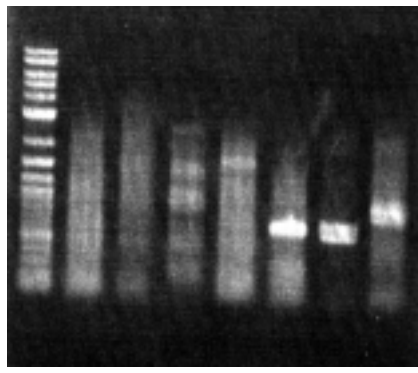
RIB811

1 2 3 4 5 6 7



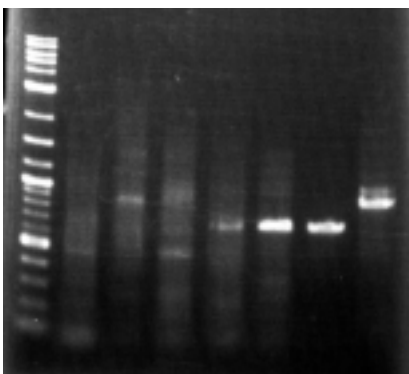
RIB904

1 2 3 4 5 6 7



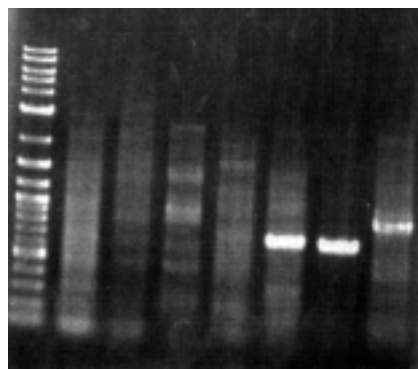
RIB914

1 2 3 4 5 6 7



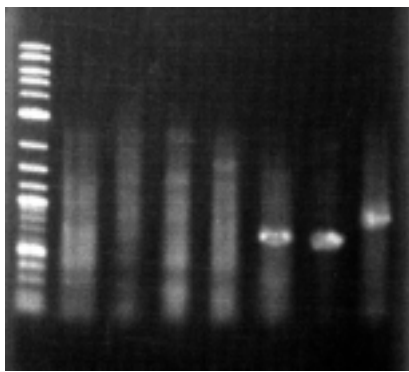
RIB915

1 2 3 4 5 6 7



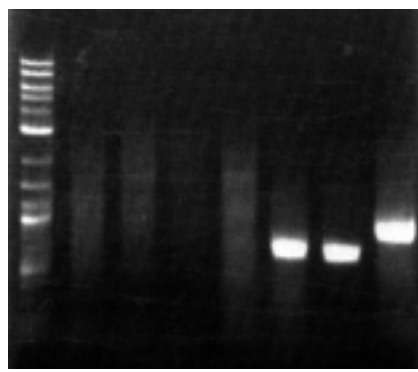
RIB917

1 2 3 4 5 6 7



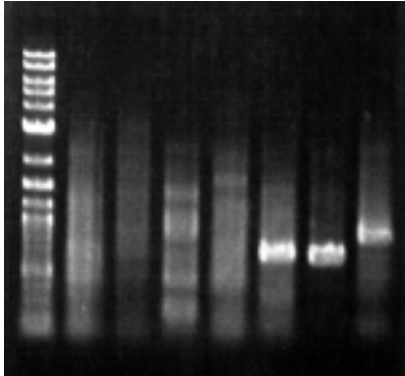
RIB923

1 2 3 4 5 6 7



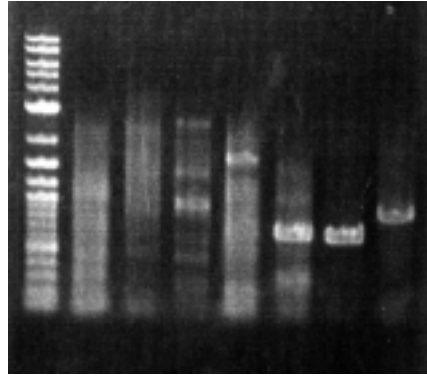
RIB936

1 2 3 4 5 6 7



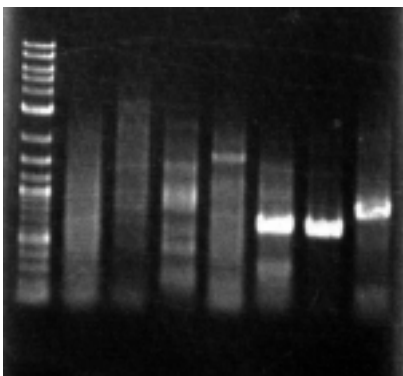
RIB941

1 2 3 4 5 6 7



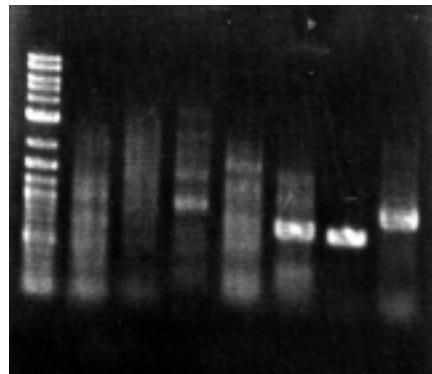
RIB949

1 2 3 4 5 6 7



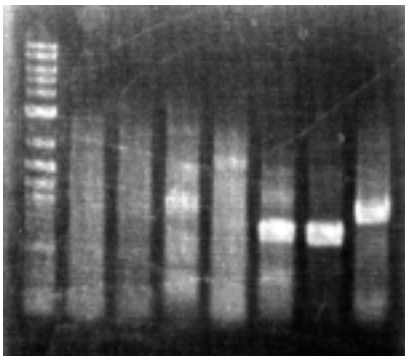
RIB954

1 2 3 4 5 6 7



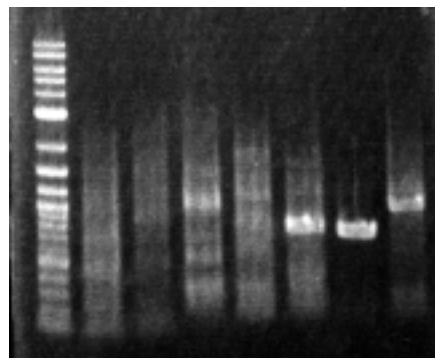
RIB1015

1 2 3 4 5 6 7



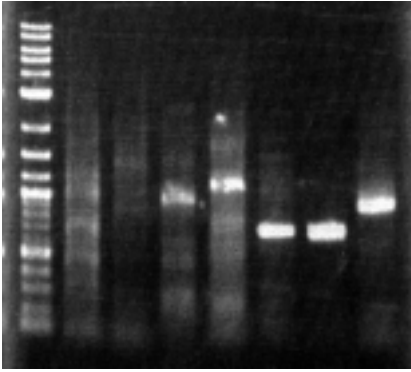
RIB1025

1 2 3 4 5 6 7



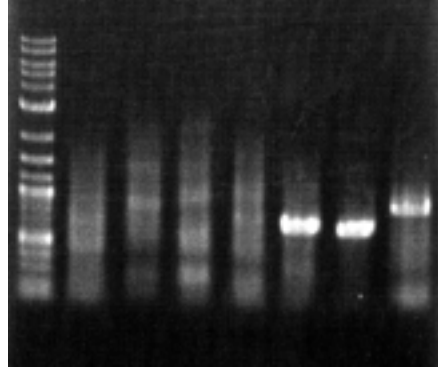
RIB1029

1 2 3 4 5 6 7



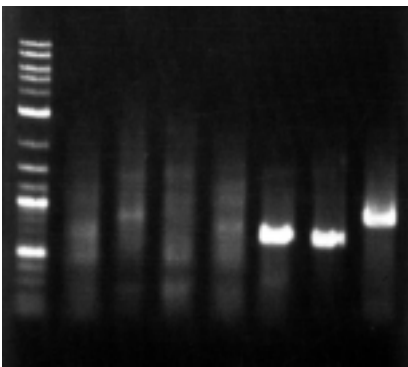
RIB1103

1 2 3 4 5 6 7



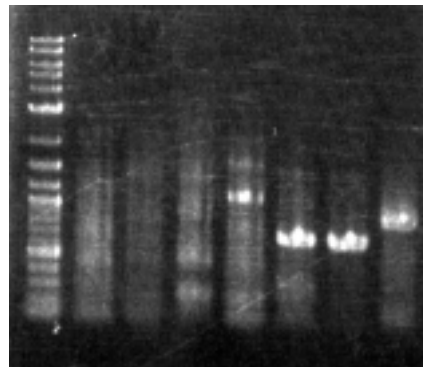
RIB1113

1 2 3 4 5 6 7



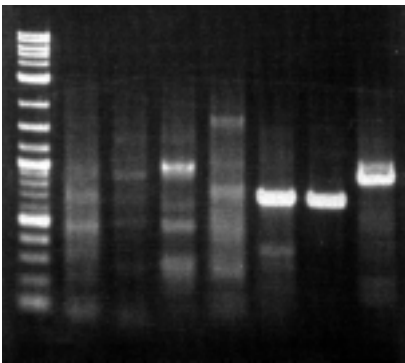
RIB1116

1 2 3 4 5 6 7



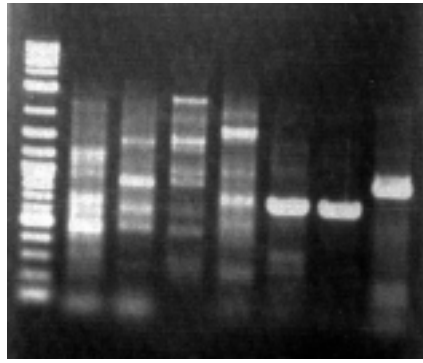
RIB1134

1 2 3 4 5 6 7



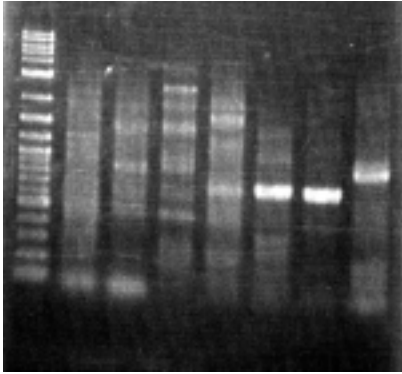
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1 2 3 4 5 6 7



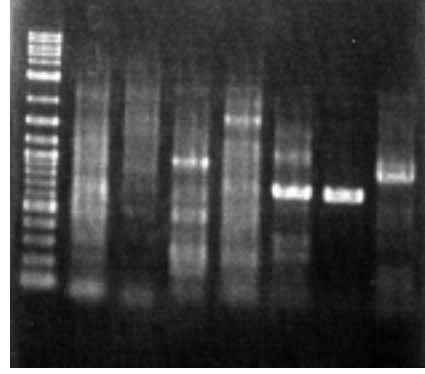
RIB1151

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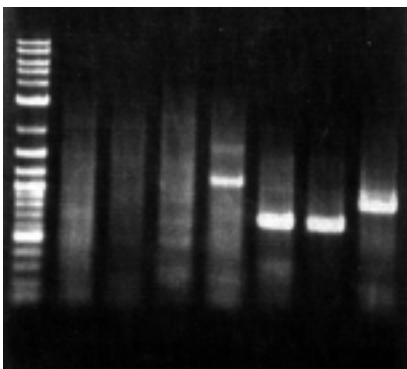
RIB1157

1 2 3 4 5 6 7



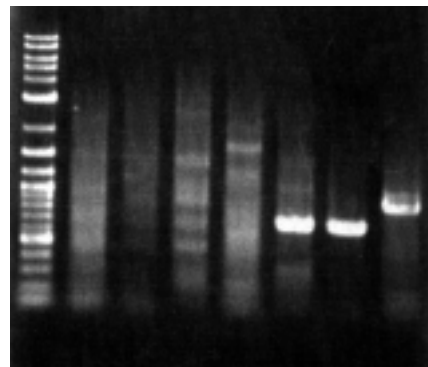
RIB1163

1 2 3 4 5 6 7



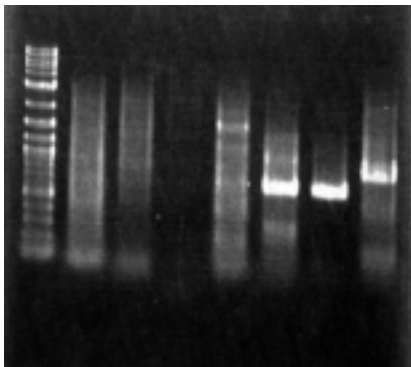
RIB1165

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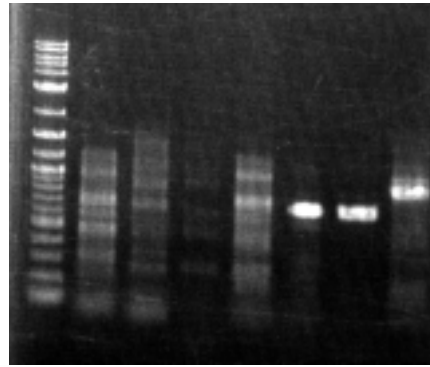
RIB1174

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RIB1175

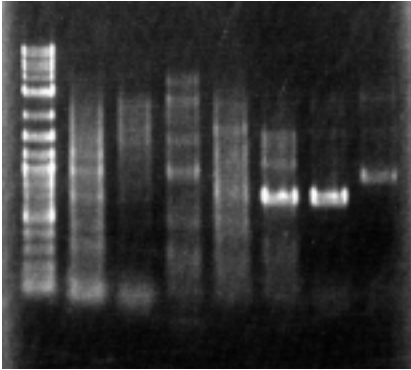
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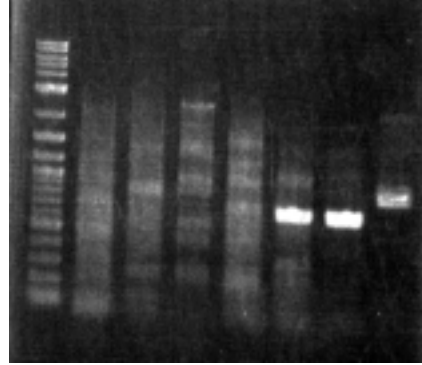
RIB1201

1 2 3 4 5 6 7



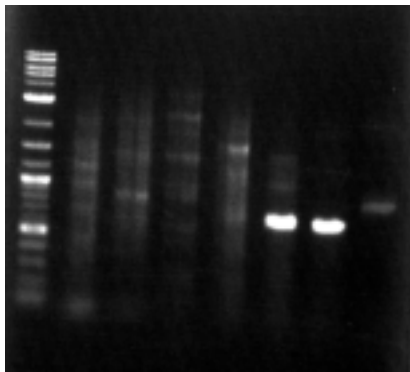
RIB1211

1 2 3 4 5 6 7



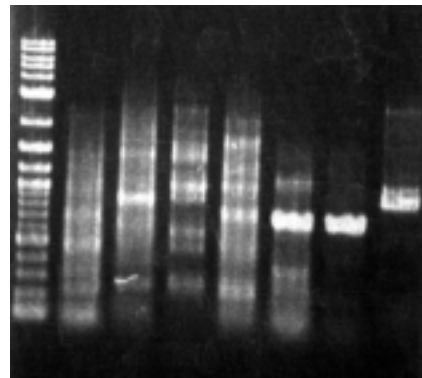
RIB1213

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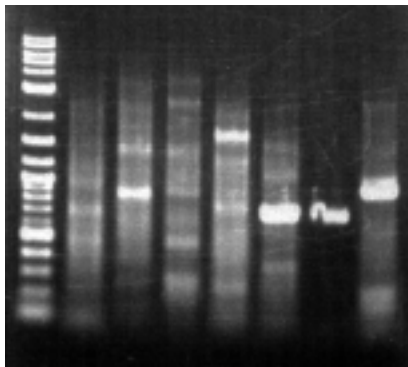
RIB1307

1 2 3 4 5 6 7



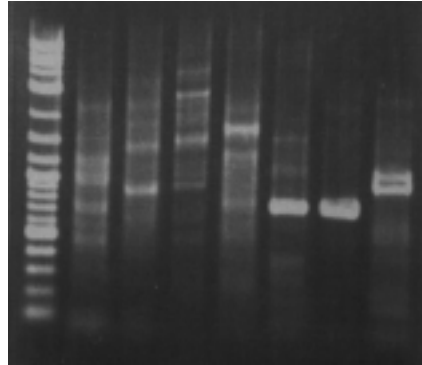
RIB1313

1 2 3 4 5 6 7



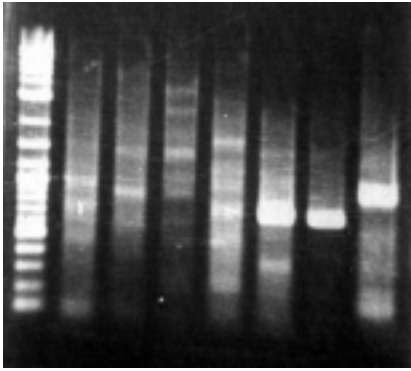
RIB1314

1 2 3 4 5 6 7



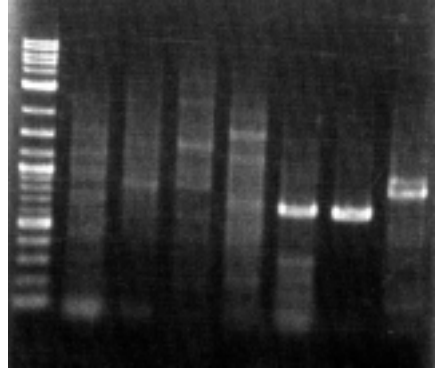
RIB1315

1 2 3 4 5 6 7



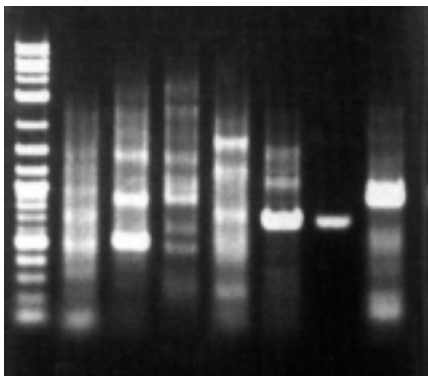
RIB1317

1 2 3 4 5 6 7



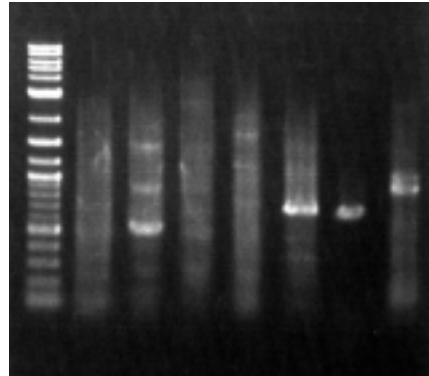
RIB1356

1 2 3 4 5 6 7



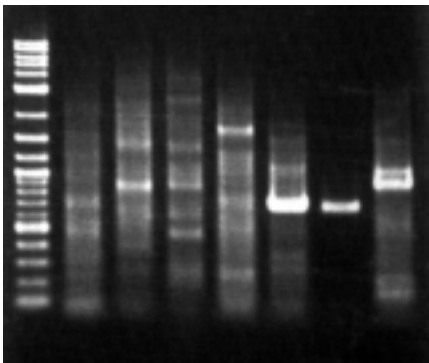
RIB1364

1 2 3 4 5 6 7

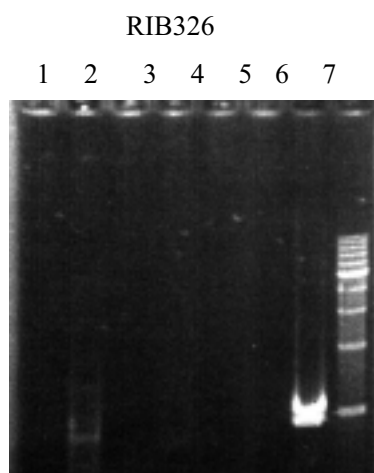
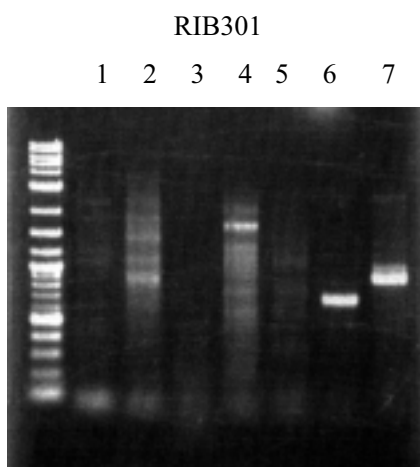
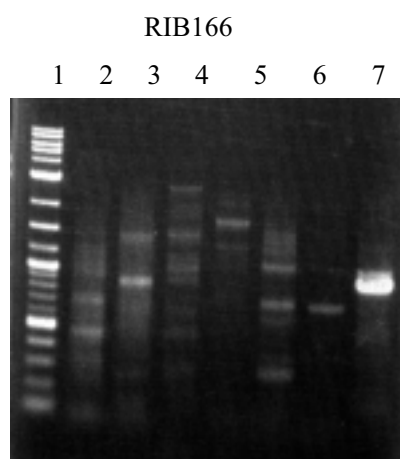
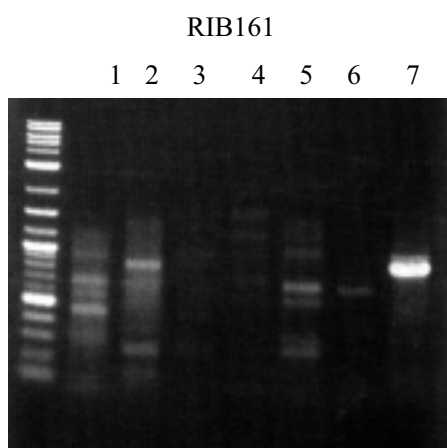
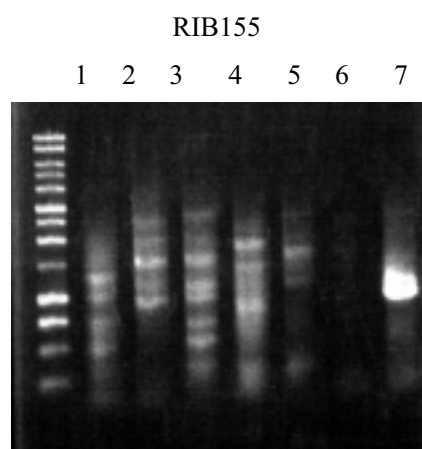
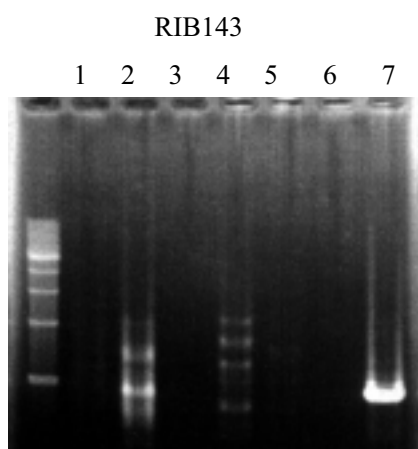


RIB1370

1 2 3 4 5 6 7

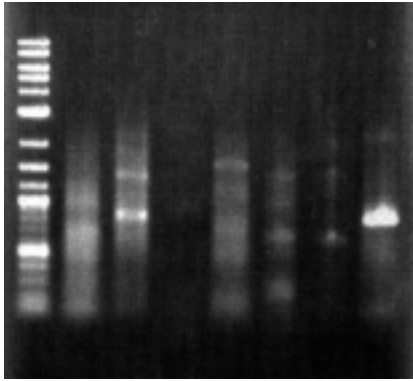


**Fig. S1-C Group 3**



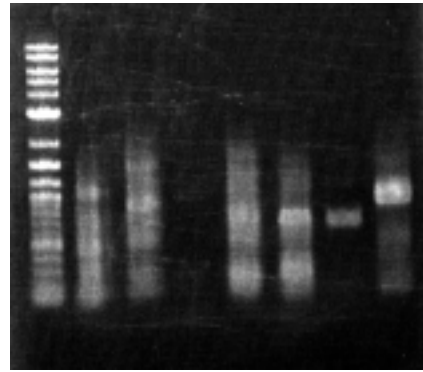
RIB647

1 2 3 4 5 6 7



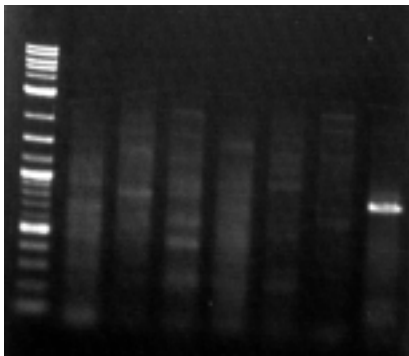
RIB705

1 2 3 4 5 6 7



RIB1353

1 2 3 4 5 6 7



**Fig. S1-D Others**

