

# Microbial Characterization Comparison Report Guide



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## RiboPrinter® Comparison Report

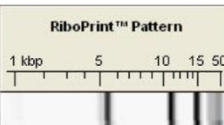
SOP-GEN-043.3

**Comparison Request #:** ACC1042808-1 **Date:** 4/28/2008  
**Customer:** Accugenix, Inc.  
**Customer Code:** ACC1  
**Comparison Description:** Compare samples R1 and R2 to each other.

**Comments:** The RiboPrint™ patterns of samples R1 differ from the RiboPrint™ patterns of sample R2.

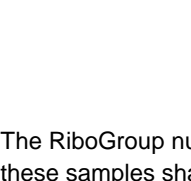
### EcoRI

①                      ②                      ③

|   | How Assigned | Number /    | Label           | RiboGroup       | Similarity to Selected | RiboPrint™ Pattern   |
|---|--------------|-------------|-----------------|-----------------|------------------------|--|
|   |              |             |                 |                 |                        | 462-205-S-1  |
| 1 | ACC1         | 462-205-S-1 | R1-Bacterium #1 | ACC1462-140-S-1 | 1.00                   |  |
| 2 | ACC1         | 462-205-S-2 | R2-Bacterium #2 | ACC1462-140-S-1 | 0.99                   |  |

### PvuII

④                      ⑤

|   | How Assigned | Number      | Label           | RiboGroup       | Similarity to Selected | RiboPrint™ Pattern  |
|---|--------------|-------------|-----------------|-----------------|------------------------|---|
|   |              |             |                 |                 |                        | 462-206-S-1   |
| 1 | ACC1         | 462-206-S-1 | R1-Bacterium #1 | ACC1462-145-S-5 | 1.00                   |  |
| 2 | ACC1         | 462-206-S-2 | R2-Bacterium #2 | ACC1462-141-S-1 | 0.14                   |   |

The comparison report provides information for evaluating organisms' RiboPrint™ Patterns to determine similarity at the strain level. This information is useful for tracking and trending. Any sample submitted for Microbial Characterization can be used for a characterization comparison.

This example demonstrates that both samples digested with the EcoRI enzyme have identical RiboPrint™ patterns. The patterns associated with the PvuII enzyme are different. We can conclude that these organisms are different strains.

1. The RiboGroup numbers match for R1 and R2, because these samples share the same RiboPrint™ pattern when digested with EcoRI
2. Similarity index of R2 compared to R1
3. RiboPrint™ patterns of R1 and R2 digested with EcoRI
4. R2 produced a different RiboPrint™ pattern and was assigned a different RiboGroup than sample R1, when digested with PvuII
5. RiboPrint™ patterns of R1 and R2 digested with PvuII

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QA Review : \_\_\_\_\_