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Separate different viral genome sizes

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Ruth-Anne Sandaa¹, Steven M. Short¹, and Declan C. Schroeder¹

¹Manual of Aquatic Viral Ecology

VERVE Net



Declan Schroeder

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Protocol status: Working



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Keywords: fingerprinting aquatic virus community, separate different viral genome sizes for use, separate different viral genome size, aquatic virus community, using pfge, virus, pfge

Abstract

For use in "**Fingerprinting aquatic virus communities using PFGE**"



- 1 (1) 1–5 s switch time with 20 h run time for separation of small genome sizes (0–130 kb).
 20:00:00
- 2 (2) 8–30 s switch time with 20 h run time for separation of medium genome sizes (130–300 kb).
 20:00:00
- 3 (3) 20–40 s switch time with 22 h run time for separation of large genome sizes (300–600 kb).
 22:00:00
- 4 Stain the gel for 30 min or overnight in fluorescent stain (according to manufacturer's instructions) and view on a UV transilluminator.
 00:30:00