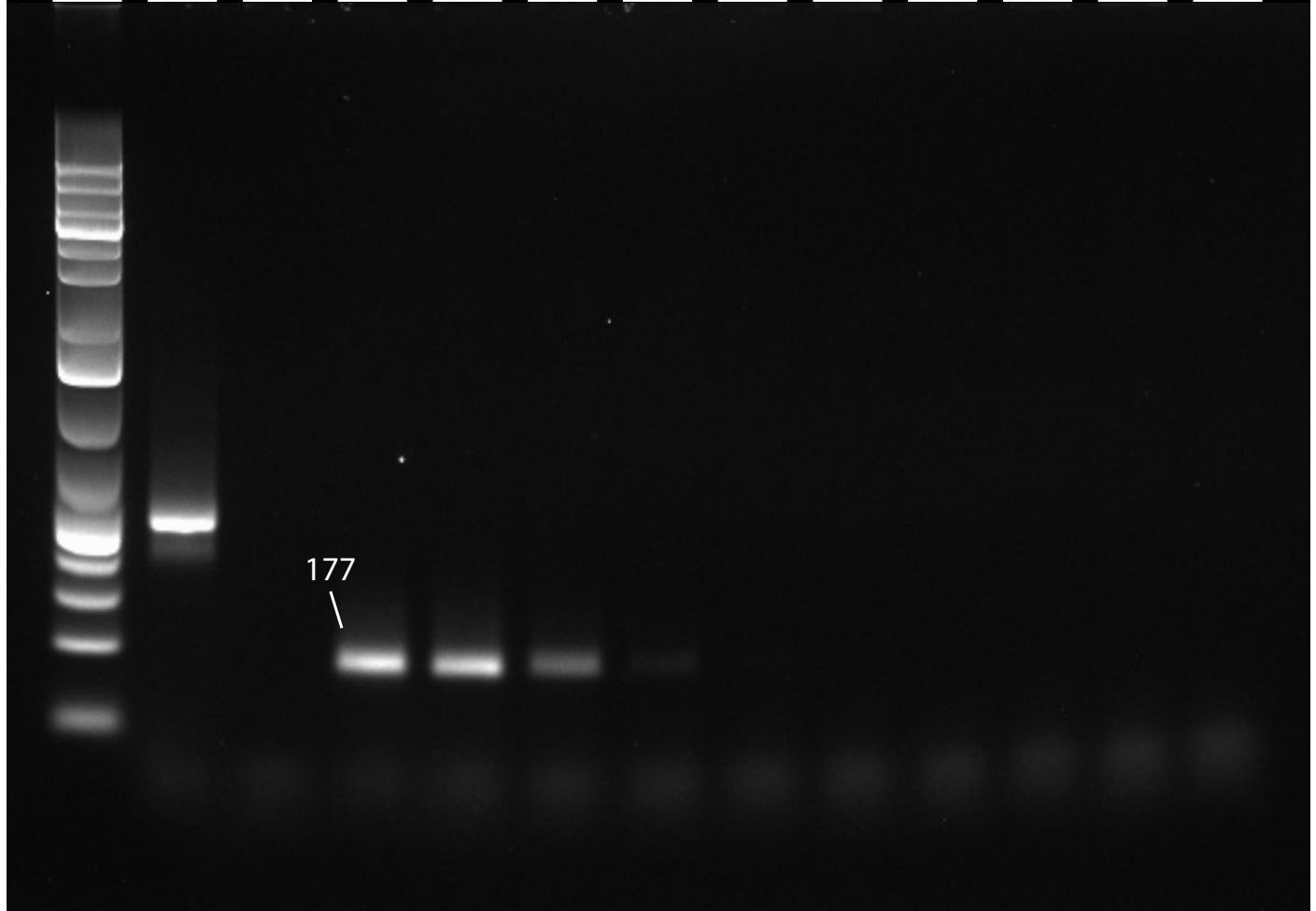


Figure S7: Gel pictures for gradients of all 36 tested primer sets. Primer pairs are ordered by size of the targeted region, as in Figure 2. The temperatures 44.3 °C and 44.7 °C were used as positive and negative controls. A 1% agarose gel was used and GeneRuler 1 kb Plus DNA Ladder used in each picture. The expected amplicon size in base pair is annotated on the first visible band of each primer pair.

1. Uni-MinibarF1+Uni-MinibarR1

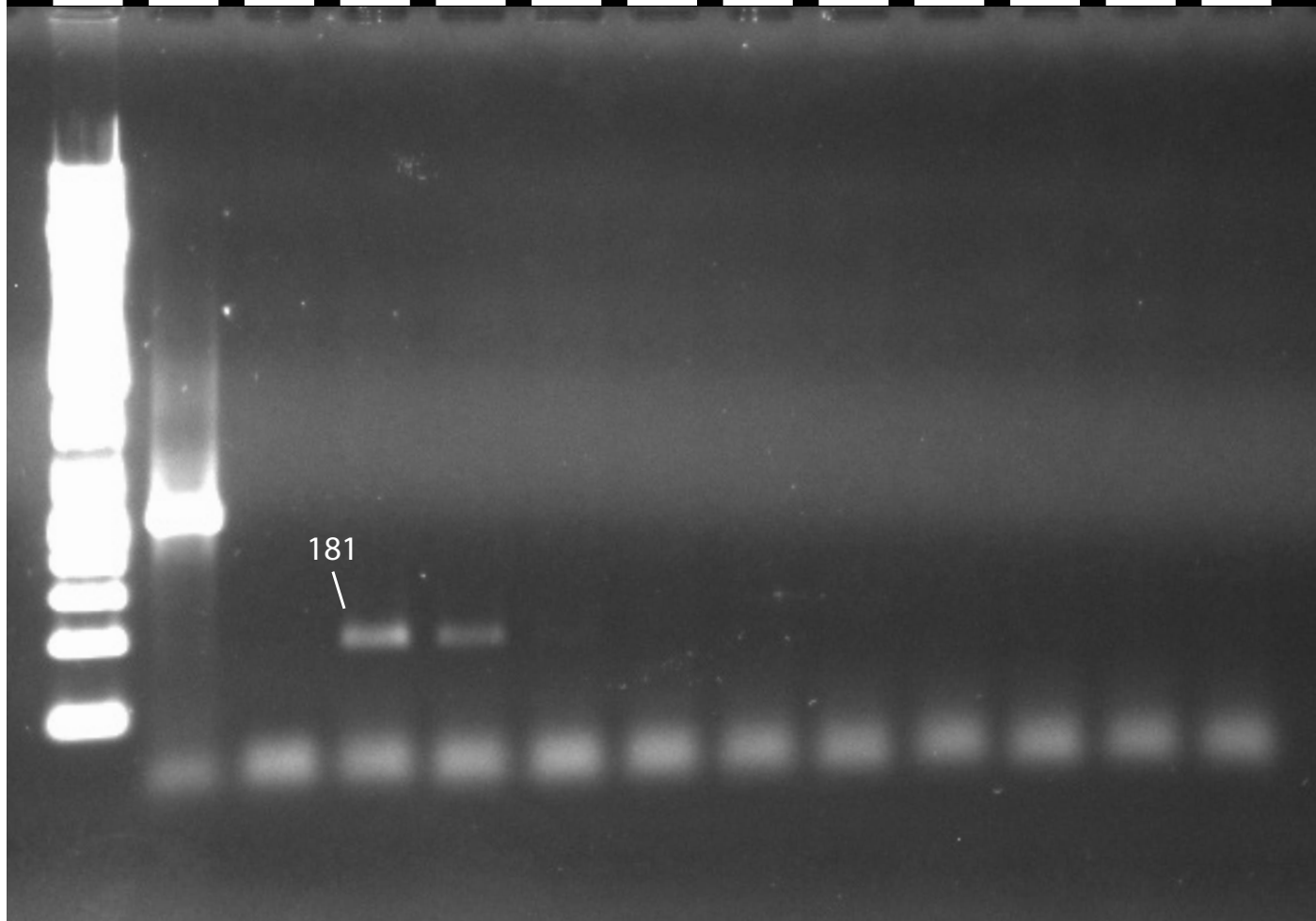
L pos
°C = 44.3 44.7 46.0 47.9 50.2 52.8 55.5 58.1 60.5 62.5 63.9 64.5

177



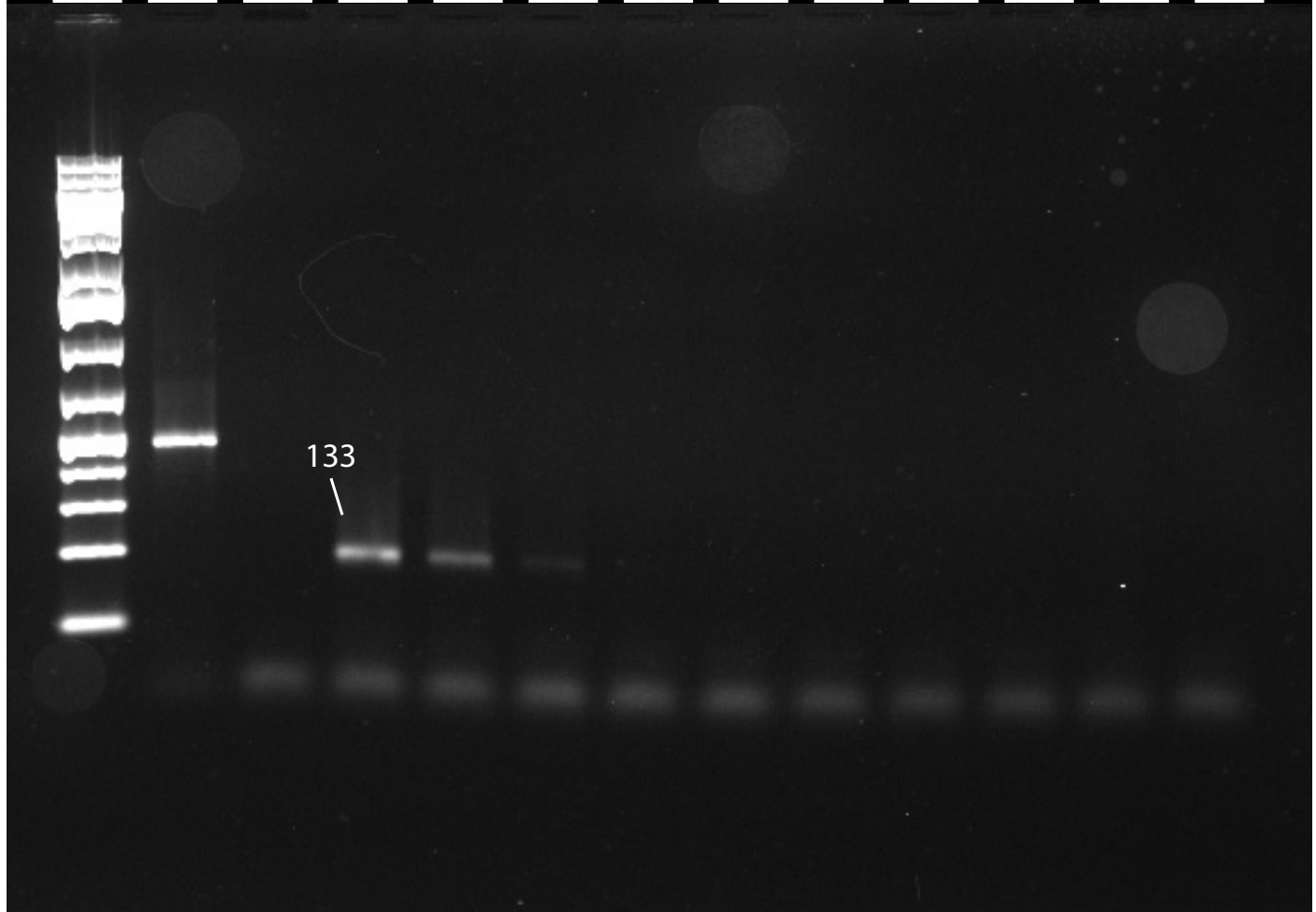
2. LepF1+EPT-long-univR

L pos
°C = 44.3 44.7 46.0 47.9 50.2 52.8 55.5 58.1 60.5 62.5 63.9 64.5



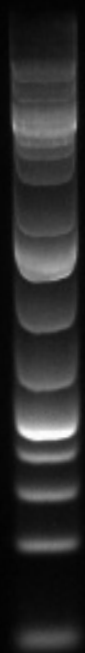
3. MG-LCO1490+MG-univR

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

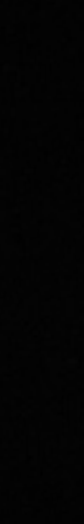


4. ZBJ-ArtF1c_deg+ZBJ-ArtR2c_deg

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

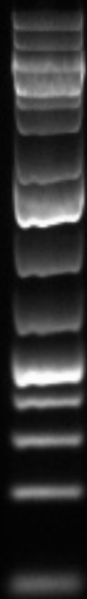


211
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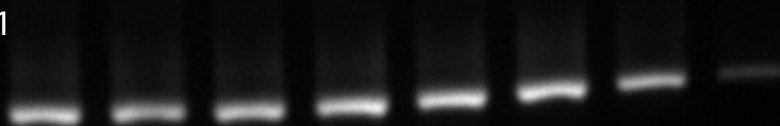


5. ZBJ-ArtF1c +ZBJ-ArtR2c

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5



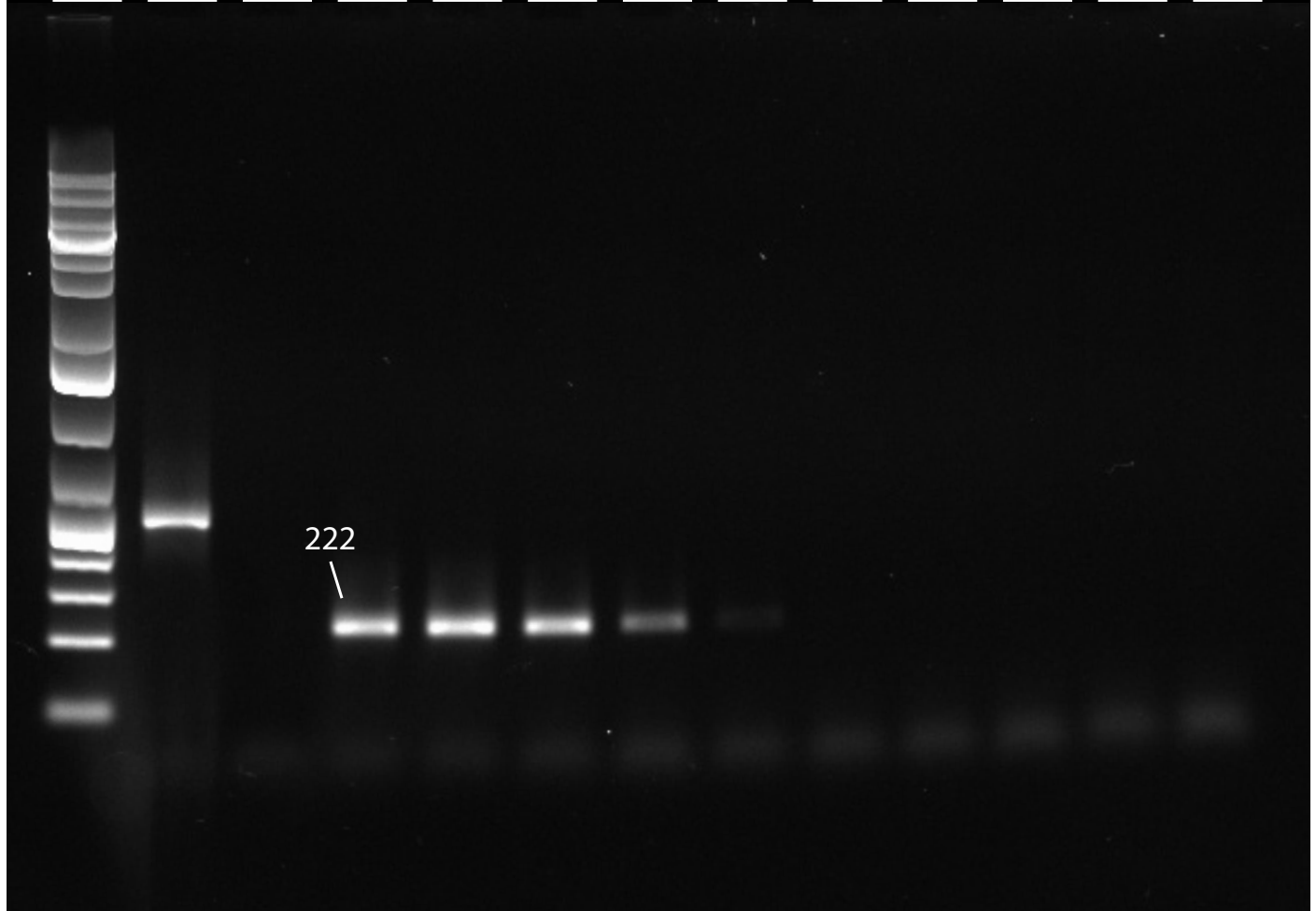
211
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6. fwhF1+fwhR1

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

222



7. fwhF2+fwhR2n

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

254



8. A+D

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

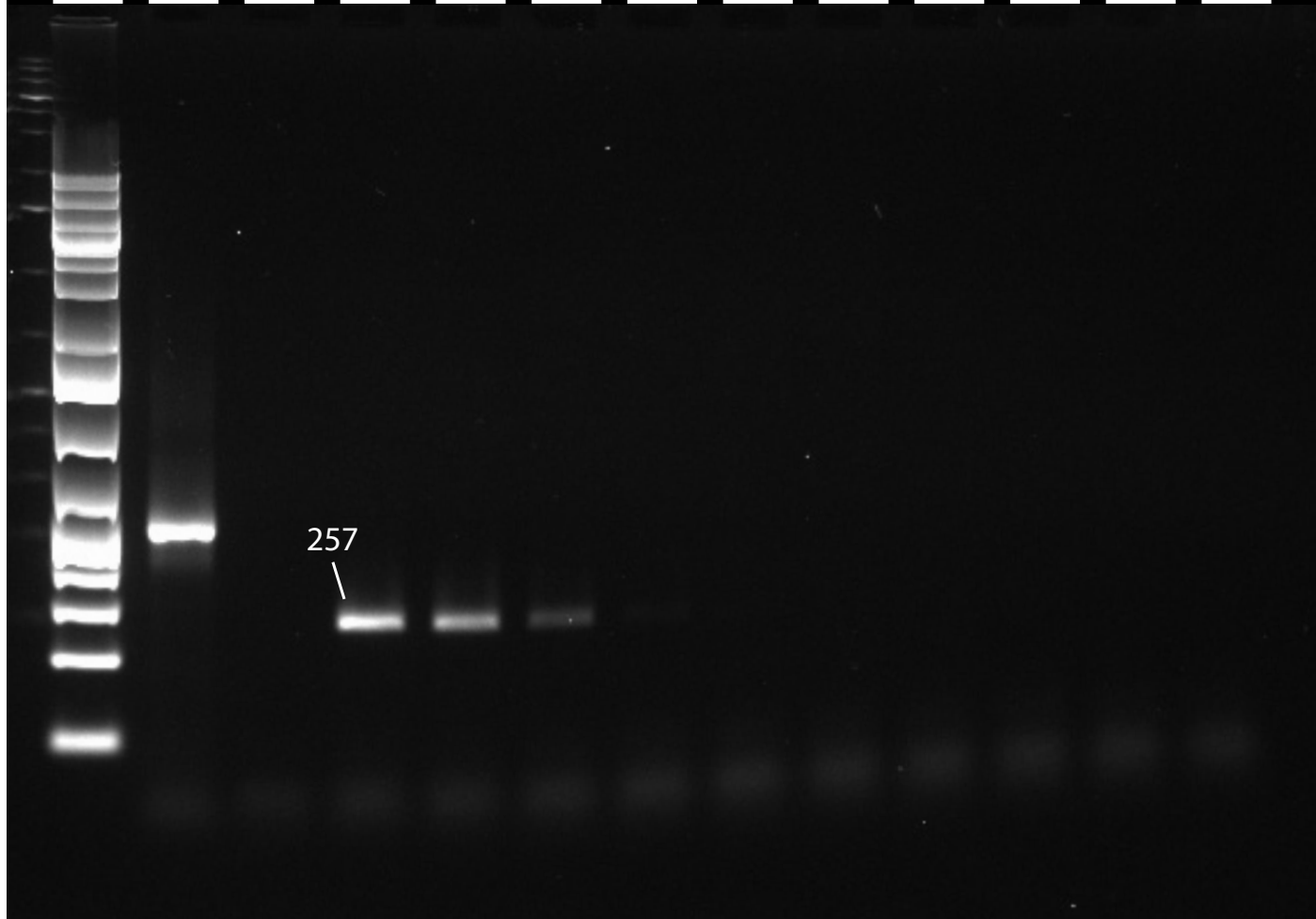
254



9. BF1i+BR1i

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

257



10. BF1+BR1

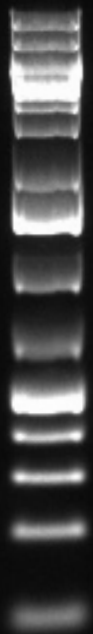
L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

257



11. LepF1+MLepF1-Rev

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5



265

12. LCO1490+230_R

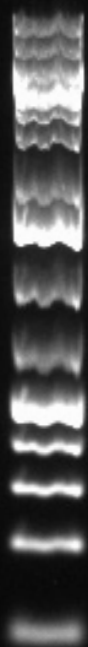
L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

280



13. C+F

L pos
°C = 44.3 44.7 46.0 47.9 50.2 52.8 55.5 58.1 60.5 62.5 63.9 64.5



298

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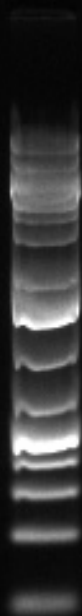
298

298

298

14. ArF5+ArR5

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

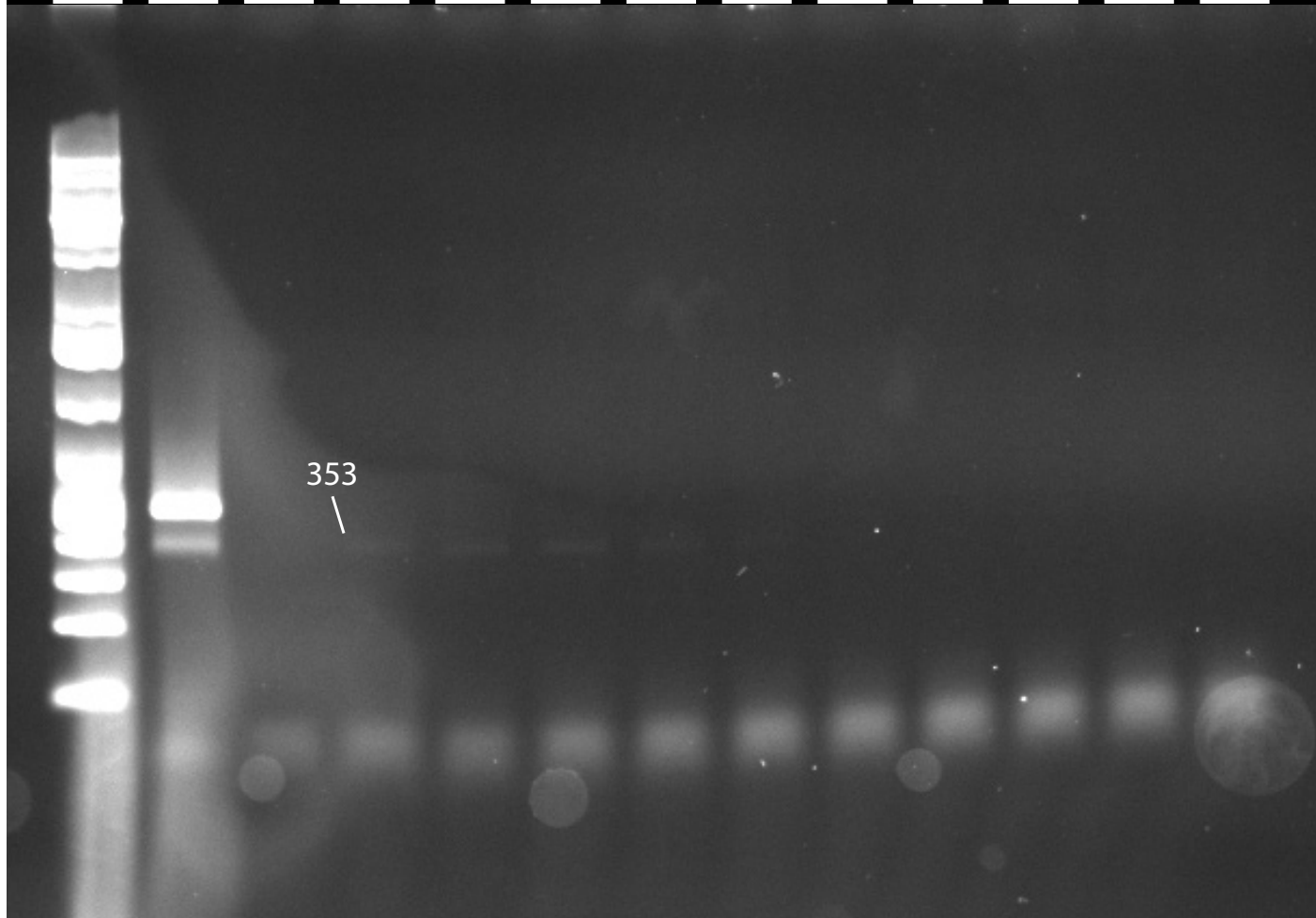


356

15. Bn+En

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

353



16. B+E

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

353



17. mlCOLintF-XT+jgHCO2198

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

365



18. mlCOLintF+Fol-degen-rev

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

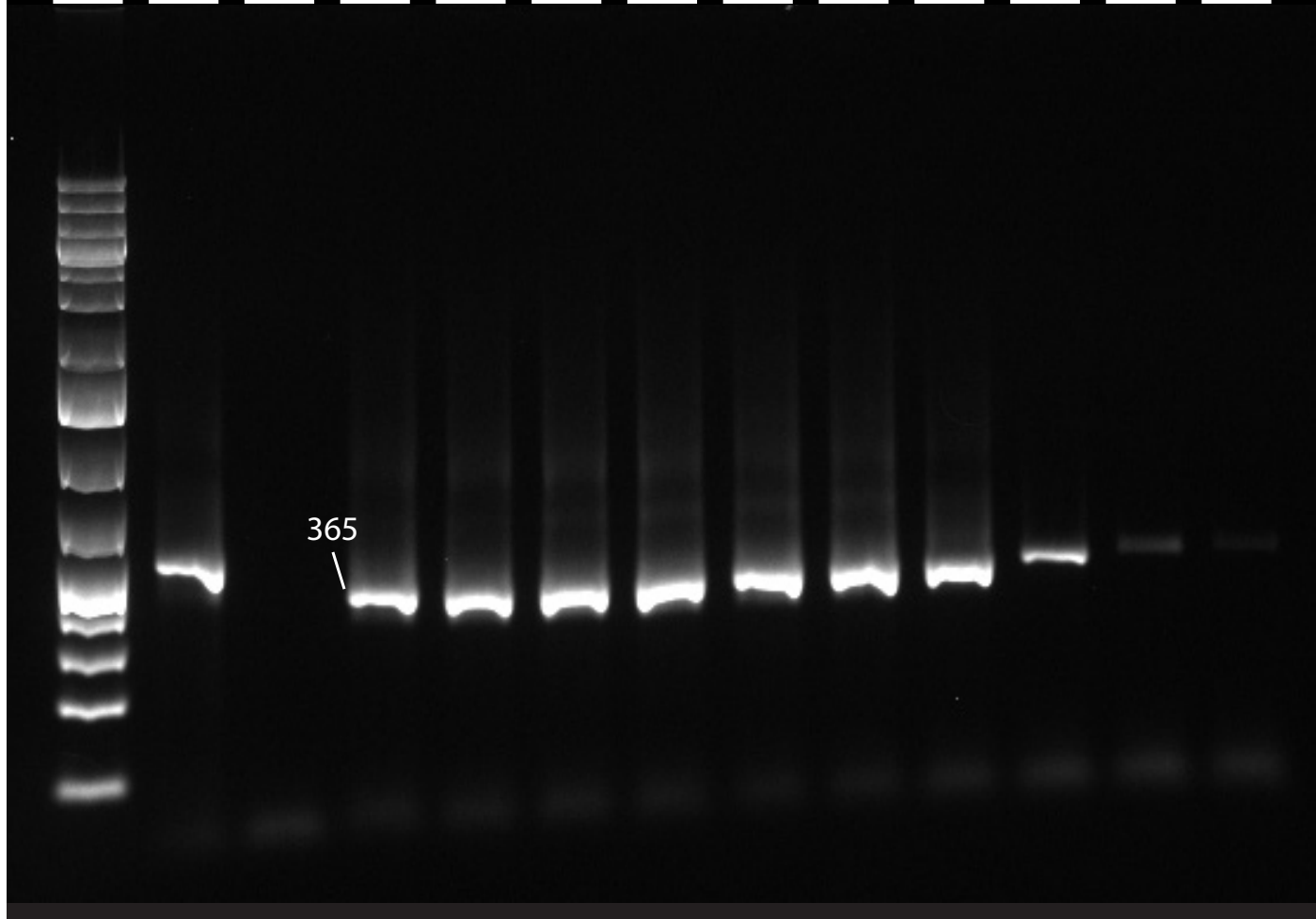
365



19. mlCOLintF+jgHCO2198

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

365



20. BF1+BR2

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

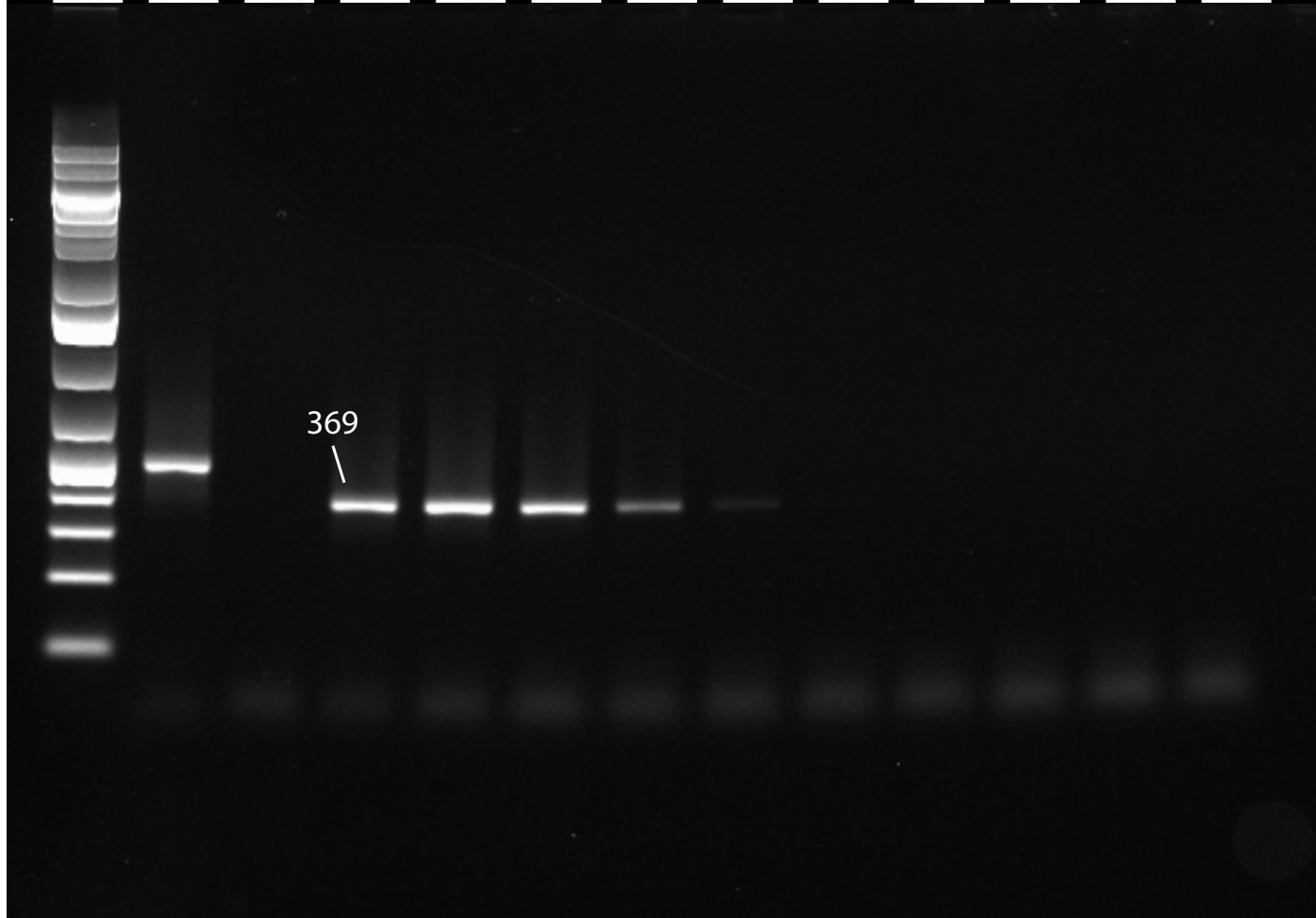
356



21. fwhF1+BR3

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

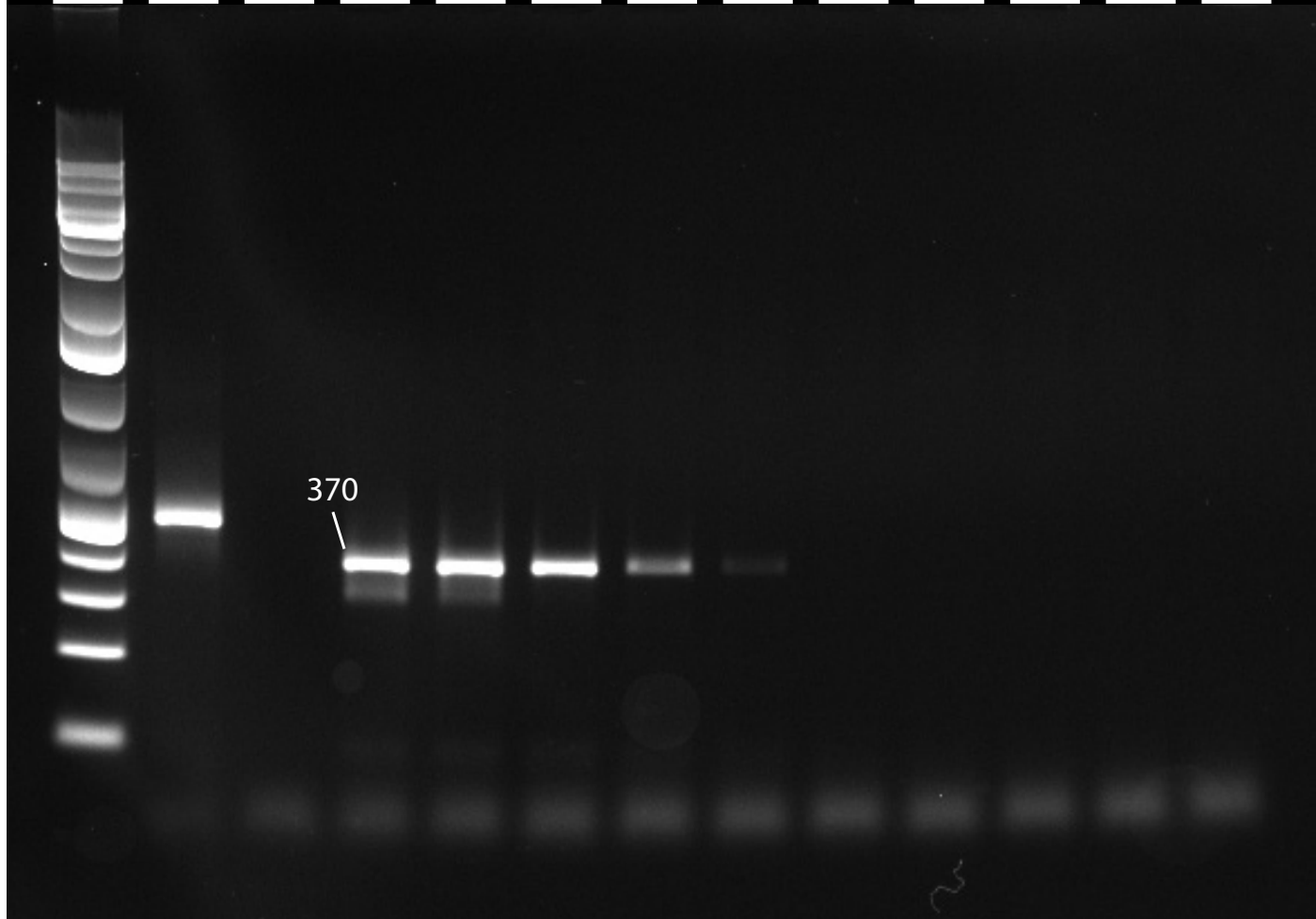
369



22. jgLCO1490+mlCOLintR

L
°C = pos 44.3 44.7 46.0 47.9 50.2 52.8 55.5 58.1 60.5 62.5 63.9 64.5

370



23. BF2+BR1

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

362



24. MZplankF2+C_LepFolR

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

389



25. LCO1490+III_C_R

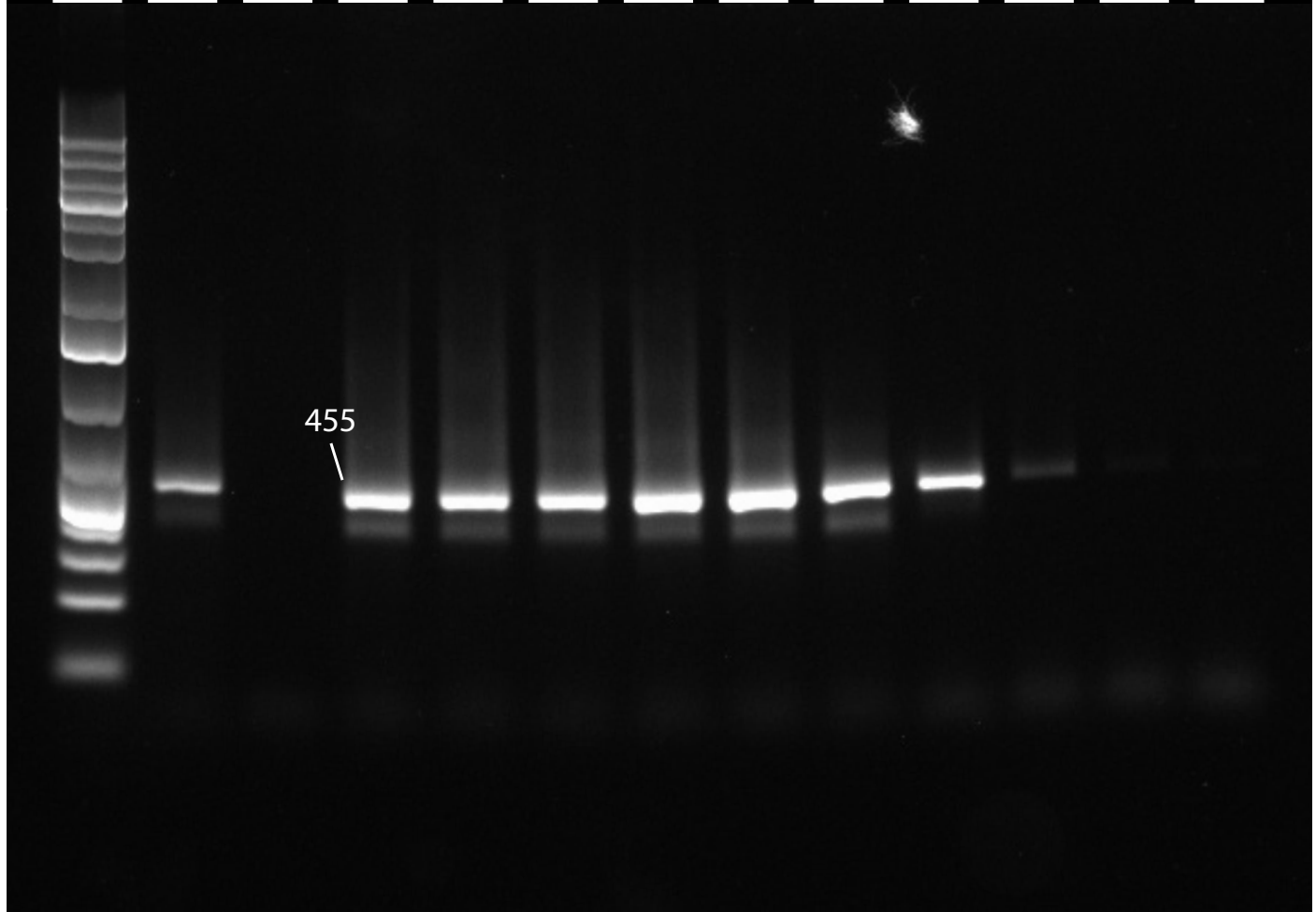
L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

370



26. MhemF+dgHCO2198

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5



27. MLepF1+C_LepFolR

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

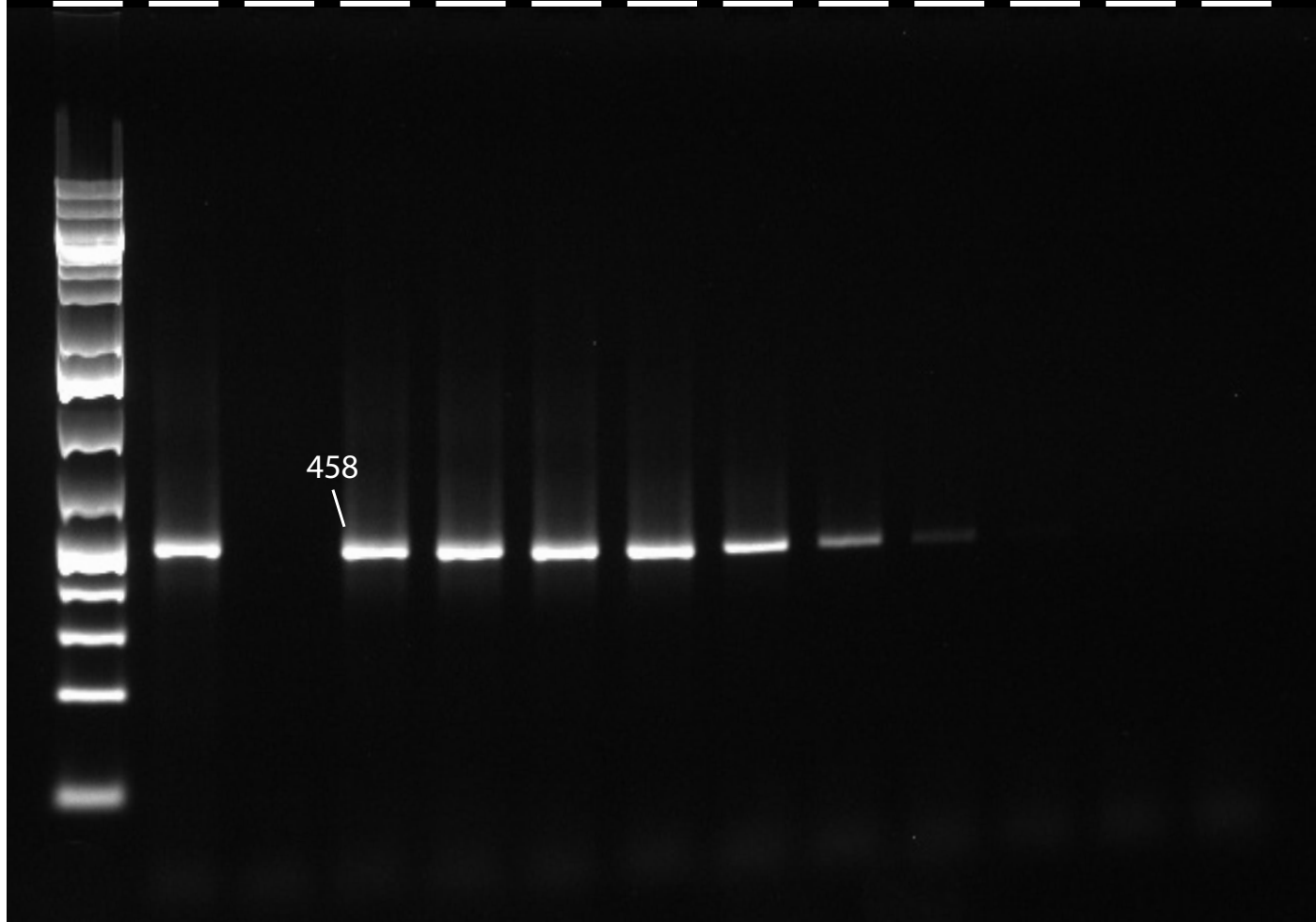
455



28. BF3+BR2

L pos
°C = 44.3 44.7 46.0 47.9 50.2 52.8 55.5 58.1 60.5 62.5 63.9 64.5

458
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29. III_B_F+HCO2198

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

464



30. ArF5+Fol-degen-rev

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

467



31. BF2+BR2

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

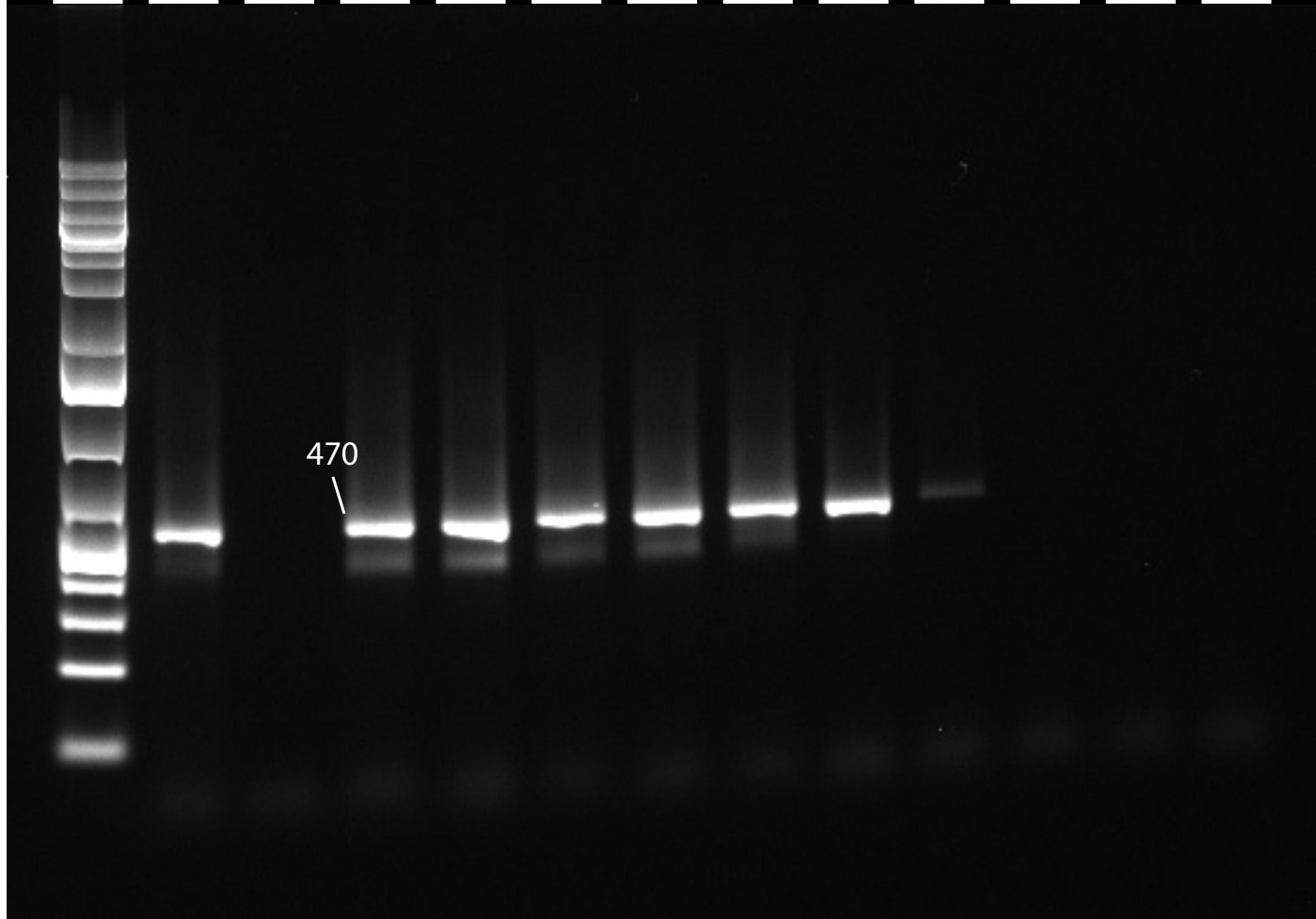
461



32. RonMWASPdeg+C_LepFolR

L pos
°C = 44.3 44.7 46.0 47.9 50.2 52.8 55.5 58.1 60.5 62.5 63.9 64.5

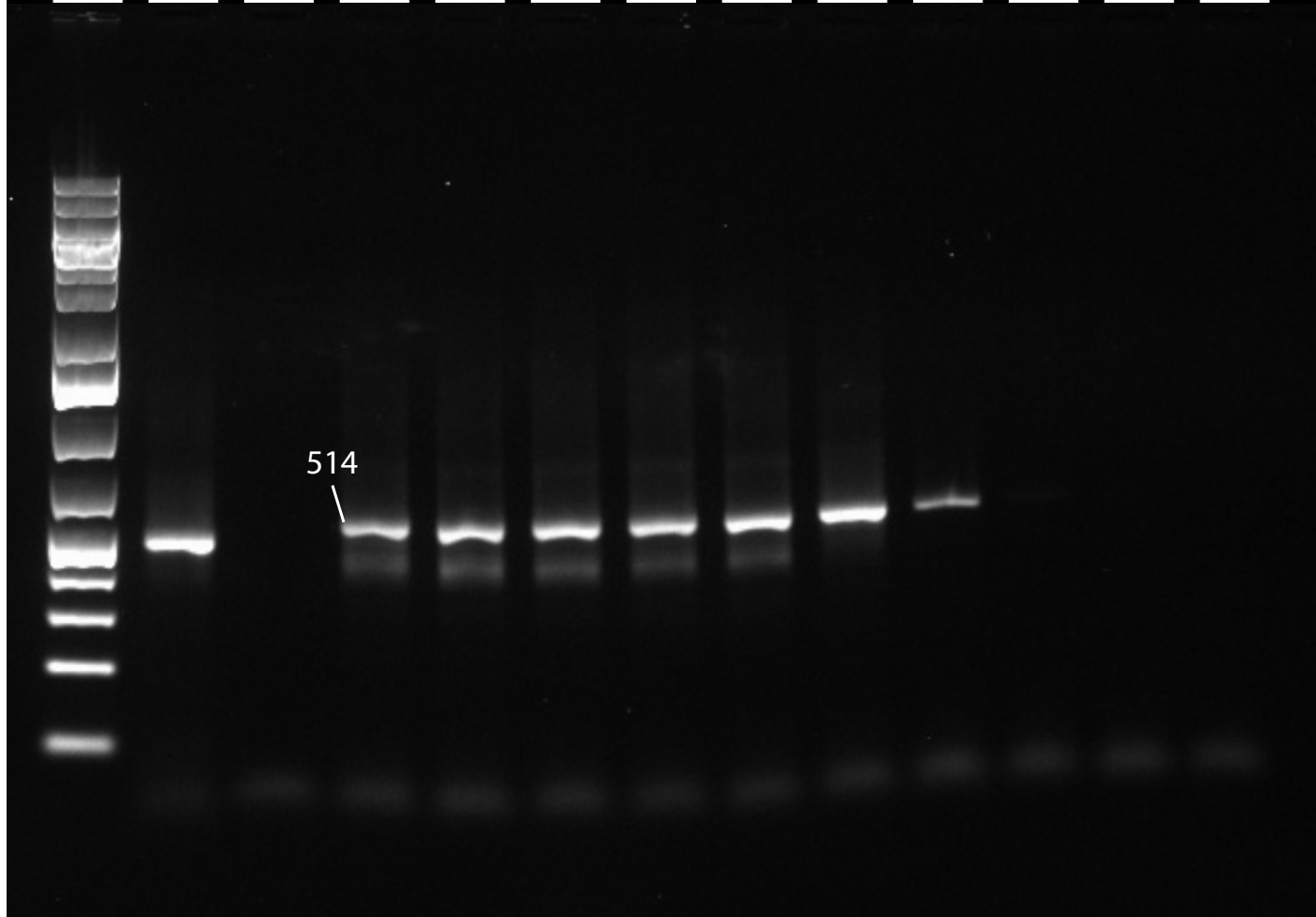
470



33. AcientLepF3+C_LepFolR

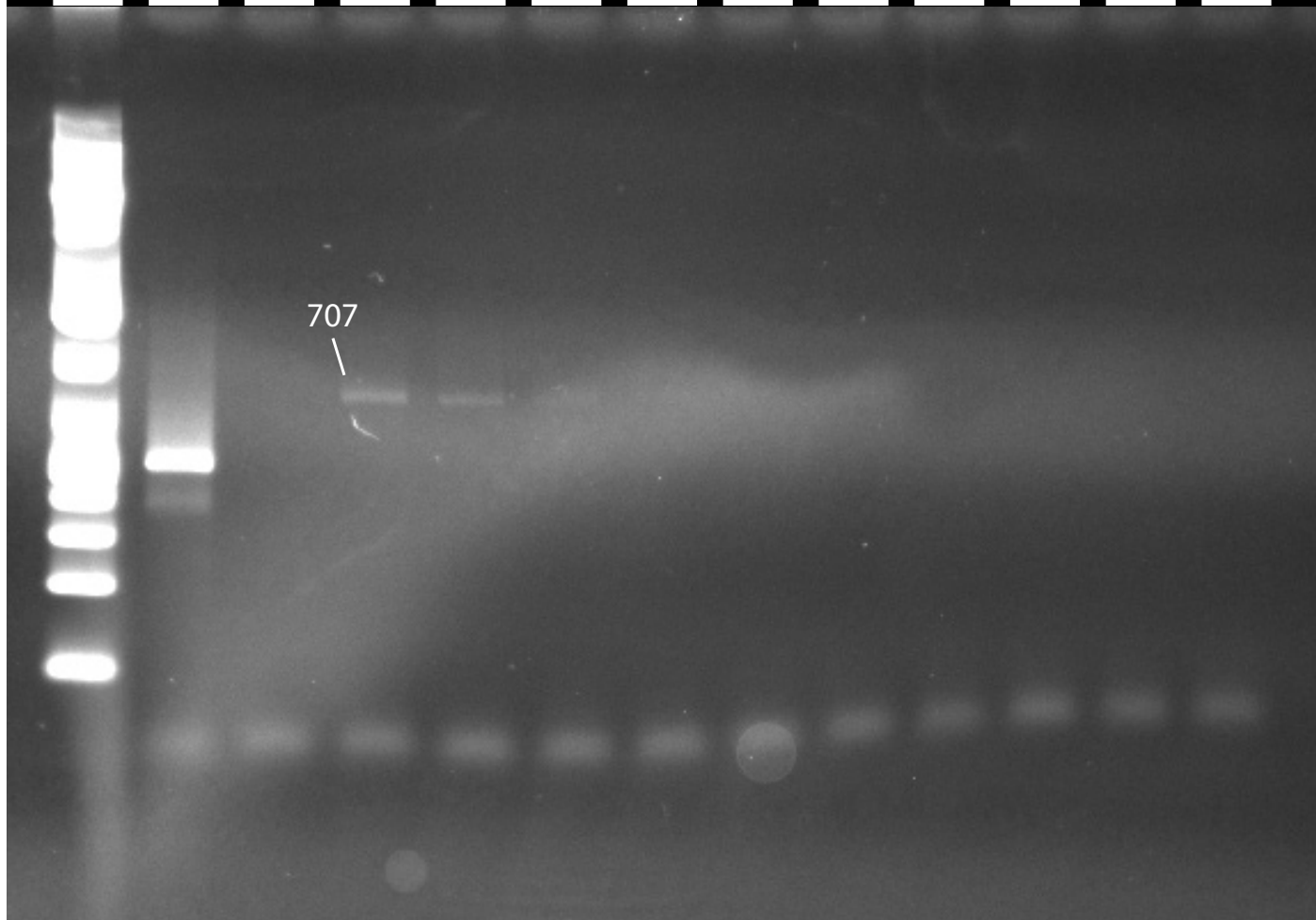
L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

514



34. Fol-degen-for+Fol-degen-rev

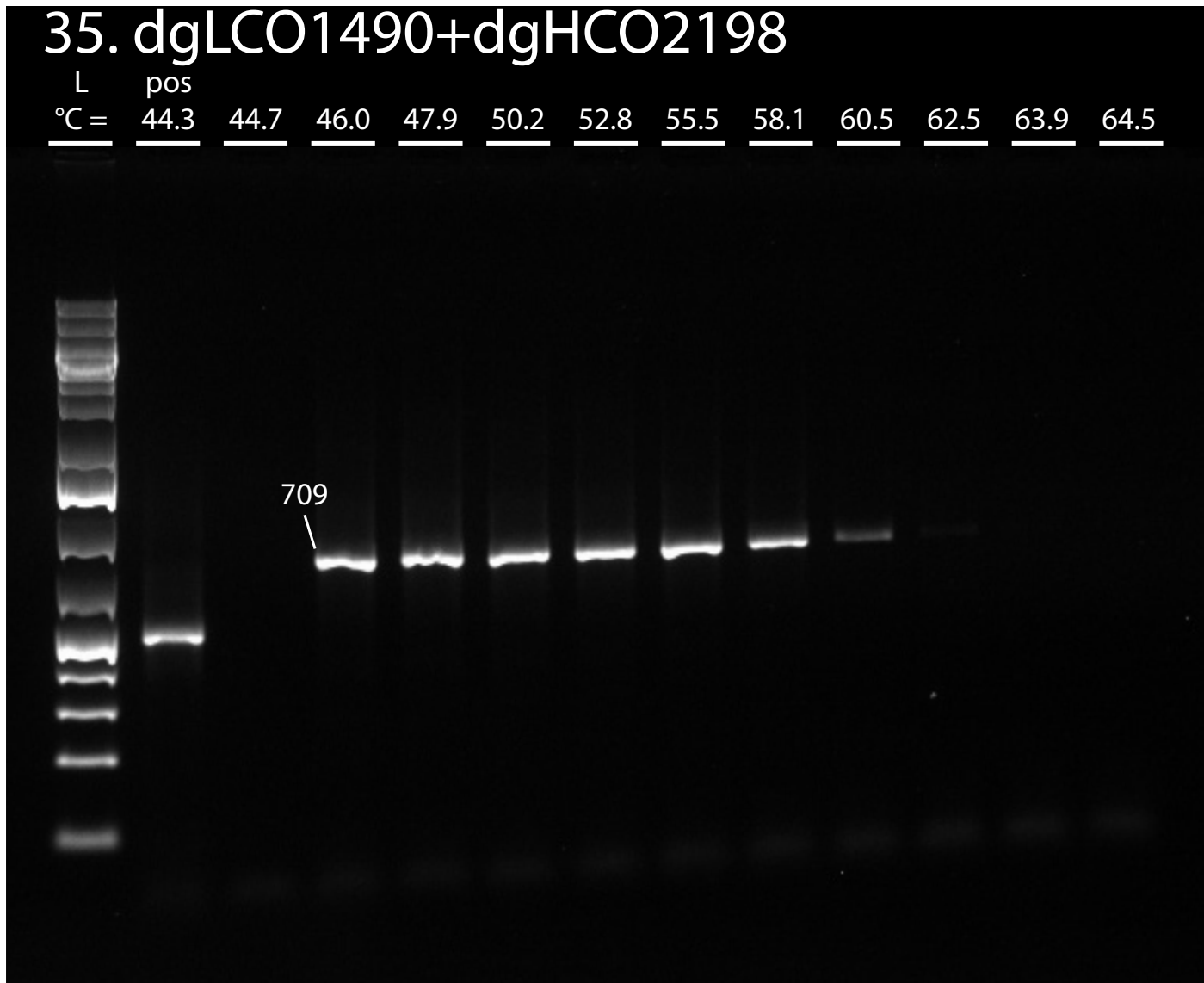
L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5



35. dgLCO1490+dgHCO2198

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

709



36. LCO1490+HCO2198

L	pos											
°C =	44.3	44.7	46.0	47.9	50.2	52.8	55.5	58.1	60.5	62.5	63.9	64.5

709

