

biggie's Digest / check

Steven Allen  
7-29-13

Buffer	1	1	*	38	=	38	✓
B6A	-	5				89	✓
EcoRI	-	5				19	
Pst	-	5				19	
plasmid		5				<del>19</del>	
↓ H <sub>2</sub> O		2.5				95	✓

101

- |                                   |         |           |
|-----------------------------------|---------|-----------|
| 1. 3-1 Trans.                     | 25. 1-2 | Has Bands |
| 2. 8-2                            | 26. 2-5 | No DNA    |
| 3. 5-1 trans.                     | 27. 2-2 | No DNA    |
| 4. 5-2 trans.                     | 28. 2-4 | -- trash  |
| 5. 6-2                            | 29. 2-1 |           |
| 6. 7-2 - No DNA                   | 30. 2-3 |           |
| 7. 4-1                            |         |           |
| 8. K174065                        | 31. 1-4 | No DNA    |
| 9. K824012 - No DNA               | 32. 1-5 | → Trash   |
| 10. 4-2 trans.                    | 33. 1-3 |           |
| 11. 6-1 *                         | 34. 1-1 | No DNA    |
| 12. 8-1                           |         |           |
| 13. 3-2 trans.                    |         |           |
| 14. LBP - trash                   |         |           |
| 15. LBP No DNA                    |         |           |
| 16. F721002 A - Has Bands         |         |           |
| 17. LB - trash                    |         |           |
| 18. F721002 B                     |         |           |
| 19. LB - No DNA                   |         |           |
| 20. F721002 A?? 2?? -- trash      |         |           |
| 21. Lead Binding Protein -- trash |         |           |
| 22. F721002                       |         |           |
| 23. F721002                       |         |           |
| 24. F721002                       |         |           |

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- Grew ~~of~~ liquid cultures of transformations from page ~~33~~ 34  
- Trans. ~~3~~ 4, New and Old, picked 2 colonies from each plate

(~~3~~)

- Grew liquid cultures of transformations from page 34
    - K174015 (Trans. 1 Old ~~and Trans. 1 New~~)
    - K824008A (Trans. 2 Old and Trans. 2 New)
    - K824008B (Trans. 3 Old and Trans. 3 New)
    - K824012 (Trans. 4 Old and Trans. 4 New)
- \* 2 colonies for each plate → total 14 samples

Plasmid Preps (Mutagenesis PCR transformation)

- 1. MK174015 old-1 -- trans. 1
  - 2. MK824008A old-1
  - 3. MK824008A old-2
  - 4. MK824008A new-1
  - 5. MK824008A new-2
  - 6. MK824008B old-1
  - 7. MK824008B new-1
  - 8. MK824008B new-2
  - 9. MK824012 old-1
  - 10. MK824012 old-2
  - 11. MK824012 new-1
  - 12. MK824012 new-2
- trans. 2 (bracketed items 2-5)  
trans. 3 (bracketed items 6-8)  
trans. 4 (bracketed items 9-12)

labeling for MCF tubes

pp.# - trans.# - M

ex. 8-3M = MK824008B New-2 trans. 3