

GEL #: 4	MBIO 4670 Lab 1 Southern Blot	
Date:	Week 4	
Samples: <i>Rhizobium</i> Sma1 digested DNeasy genomic DNA preps		
Agarose Gel Lane*	Group #	Sample Description
1		1 kb Plus ladder
2		space (needed as ladder needs to be cut away before hybridization)
3	1	A. transconjugant 1
4	1	B. transconjugant 2
5	1	C. negative control (<i>Rhizobium leguminosarum</i> Rlt100)
6	1	D. positive control (<i>Rhizobium leguminosarum</i> Rlt212)
7		space
8	2	A. transconjugant 1
9	2	B. transconjugant 2
10	2	C. negative control (<i>Rhizobium leguminosarum</i> Rlt100)
11	2	D. positive control (<i>Rhizobium leguminosarum</i> Rlt212)

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genomic