

1 **Supplemental Table S1: Survival of the *ompR malt<sup>con</sup>* double mutant**  
2 **in the presence of various carbon sources.** The relative catabolite  
3 repressing strength and glycolysis association of the carbon sources as well as the  
4 resulting death phenotype are indicated with “+” and ”-“.  
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| Carbon source | Catabolite-repression | glycolytic | survival |
|---------------|-----------------------|------------|----------|
| Glucose       | +++                   | +++        | +++      |
| Fructose      | +++                   | +++        | +++      |
| Mannitol      | +++                   | +++        | +++      |
| Glucuronate   | +++                   | +++        | +++      |
| Pyruvate      | ++                    | +++        | +++      |
| Sorbitol      | +                     | +++        | ++       |
| Mannose       | +                     | +++        | +++      |
| Serine        | -                     | +++        | +++      |
| Maltose       | -                     | +++        | +++      |
| Succinate     | -                     | -          | -        |
| Aspartate     | -                     | -          | -        |
| Tryptophan    | -                     | -          | -        |
| Glutamate     | -                     | -          | -        |
| Glycine       | -                     | -          | -        |
| Proline       | -                     | -          | -        |
| Betaine       | -                     | -          | -        |

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## 7 **Supplemental Figure Legends**

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### 9 **Supplemental Figure 1. Effect of carbon sources on LamB expression.**

10 Addition of carbon sources reduces LamB levels in (a) *ompR malt<sup>con</sup>* and (b)  
11 *malt<sup>con</sup>* mutants as determined by outer membrane preparations. Cells were  
12 grown in LB at 37 °C and harvested during late exponential phase. Gels were  
13 stained with Coomassie brilliant blue. Lane 1, LB no carbon source (LB); lane  
14 2, LB 22 mM maltose (LB mal); lane 3, LB 22 mM glucose (LB gluc); lane 4,  
15 LB 22 mM sorbitol (LB sor).

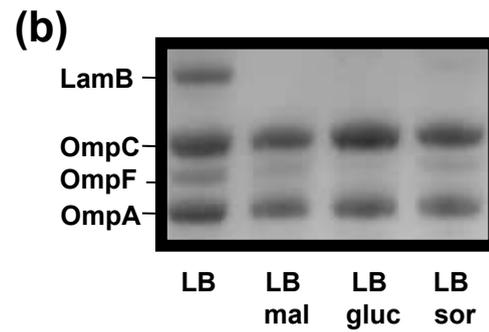
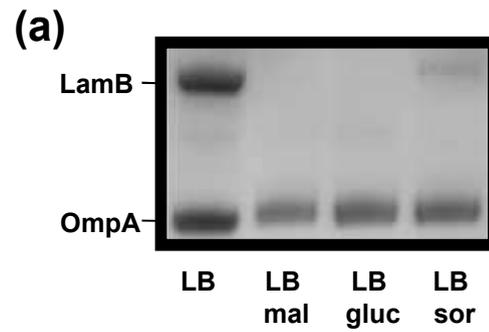
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### 17 **Supplemental Figure 2. Effect of maltose on LamB expression.**

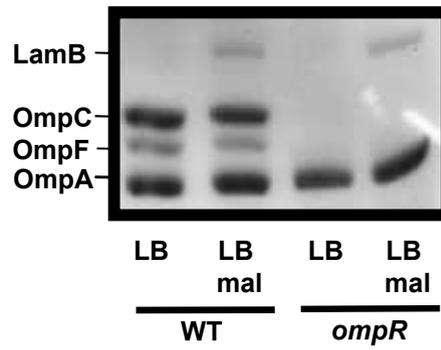
18 Addition of maltose increases LamB levels in WT cells (lane 1 & 2) and the  
19 *ompR* mutant (lane 3 & 4) as determined by outer membrane preparations.  
20 Cells were grown in LB at 37 °C and harvested during late exponential phase.  
21 Gels were stained with Coomassie brilliant blue. Lane 1, WT cells no carbon  
22 source (LB); lane 2, WT cells 22 mM maltose (LB mal); lane 3, *ompR* mutant  
23 no carbon source (LB); lane 4, *ompR* mutant 22 mM maltose (LB mal).

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Reimann & Wolfe Supplemental Figure 1



Reimann & Wolfe Supplemental Figure 2