## ${\sf zapB\_predicted}$

| Anaerobic + Nitrate -<br>Nitrate -    |                 |             | _       |                |      |    |
|---------------------------------------|-----------------|-------------|---------|----------------|------|----|
| Acetate -                             |                 |             | -       |                |      |    |
| Copper Sulfate (2mM) -                |                 |             | -       |                |      |    |
| Low Phosphate -                       |                 |             |         |                |      |    |
| LB + 0.75M NaCl -                     |                 |             |         |                |      |    |
| Low Osmolarity -                      |                 |             |         |                |      |    |
| Anaerobic -                           |                 |             |         |                |      |    |
|                                       |                 |             |         |                |      |    |
| Serine Hydroxamate -                  |                 |             |         |                |      |    |
| Spermidine -                          |                 |             |         |                |      |    |
| HOCI (4mM) -                          |                 |             |         |                |      |    |
| Copper Sulfate (500µM) -              |                 |             | _       |                |      |    |
| Gentamicin -                          |                 |             |         |                |      |    |
| H2O2 (2.5mM, 10min) -                 |                 |             |         |                |      |    |
|                                       |                 |             |         |                |      |    |
|                                       |                 |             |         |                |      |    |
| Phenazine Methosulfate -              |                 |             | -       |                |      |    |
| 2,2-Dipyridyl -                       |                 |             | -       |                |      |    |
| Medium Cold shock 19C -               |                 |             | -       |                |      |    |
| 2pH (HCl) -                           |                 |             |         |                |      |    |
| Leucine (10mM) -                      |                 |             | -       |                |      | -  |
| Glutamic acid (pH 2.5) -              |                 |             |         | _              |      |    |
| Ethanol (induction) -                 |                 |             | -       |                |      |    |
| Ampicillin (induction) -              |                 |             |         |                |      |    |
| Sodium Salicytate (induction) -       |                 |             | -       | _              |      |    |
| Sulphur starvation -                  |                 |             |         |                |      |    |
| Magnesium starvation -                |                 |             |         |                |      |    |
|                                       |                 |             |         |                |      |    |
| Nirtogen starvation -                 |                 |             |         |                |      |    |
| LB -                                  |                 |             | $\Box$  |                |      |    |
| H2O2 (0.1mM 30min) -                  |                 |             |         |                |      |    |
| Heatshock -                           |                 |             |         |                |      |    |
| Ampicillin -                          |                 |             |         |                |      |    |
| Cold Shock (1h at 10C) -              |                 | -           | _       |                |      |    |
| Stationary Phase (3d) -               |                 |             | _       |                |      |    |
| Stationary Phase (1d) -               |                 |             |         |                |      |    |
| Ethanol (2.5 %) -                     |                 | -           | _       |                |      |    |
| Sodium Salicytate -                   |                 |             |         |                |      |    |
| Galactose -                           |                 |             | -       |                |      |    |
| Arabinose -                           |                 |             | -       |                |      |    |
| Xylose -                              |                 |             | -       |                |      |    |
| Glucose -                             |                 |             |         |                |      |    |
|                                       |                 |             |         |                |      |    |
|                                       | -110-100-90 -80 | -70 -60 -50 | -40 -30 | -20 -10 0 10 2 | 0 30 | 40 |
| 110 100 70 00 70 00 20 10 00 10 10 10 |                 |             |         |                |      |    |
|                                       |                 |             |         |                |      |    |