



























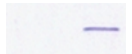
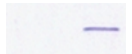
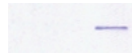
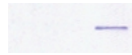




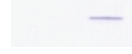
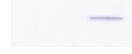
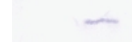
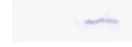


Fig. 1S. Expression of MntR and DtxR mutant proteins as monitored by immunoblot analysis

| Strain | Characteristic | Immuno-reactivity | |
|---------|-----------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| | | - | + |
| HB2533: | Wild Type (WT) |  |  |
| HB2534: | <i>mntR</i> ⁻ |  |  |
| HB2535: | <i>mntRc</i> (WT complementation) |  |  |
| HB2536: | <i>mntR</i> D8M |  |  |
| HB2537: | <i>mntR</i> E99C |  |  |
| HB2541: | <i>mntR</i> G100R |  |  |
| HB2539: | <i>mntR</i> E99D |  |  |
| HB2542: | <i>mntR</i> D8M, G100R |  |  |
| HB2543: | <i>mntR</i> E99C, G100R |  |  |
| HB2545: | <i>mntR</i> E99D, G100R |  |  |
| HB2538: | <i>mntR</i> D8M, E99C |  |  |
| HB2540: | <i>mntR</i> D8M, E99D |  |  |
| HB2544: | <i>mntR</i> D8M, E99C, G100R |  |  |
| HB2546: | <i>mntR</i> D8M, E99D, G100R |  |  |
| HB2508: | <i>dtxR</i> |  |  |
| HB2554: | <i>dtxR</i> M10D |  |  |
| HB2555: | <i>dtxR</i> C102E |  |  |
| HB2557: | <i>dtxR</i> M10D, C102E |  |  |
| HB2559: | <i>dtxR</i> C102E, R103G |  |  |
| HB2560: | <i>dtxR</i> M10D, C102E, R103G |  |  |