**Supporting information Tables:**

**Table S1: List of bacterial serovars used for this study and the corresponding markers in their plasmid.**

|  |  |  |
| --- | --- | --- |
| ***Serovar*** | **Host**  | **Fluorescent** **marker** |
| *Salmonella enterica ssp. enterica ser. Schwarzengrund*  | Alfalfa | GFP |
| *Salmonella enterica ssp. enterica ser. Enteritidis*  | Tomato | GFP |
| *Salmonella enterica ssp. enterica ser. Mbandaka*  | Seedlings | GFP |
| *Salmonella enterica ssp. enterica ser. Havana*  | Seedlings | GFP |
|  *Salmonella enterica ssp. enterica ser. Cubana*  | Seedlings | GFP |
| *E. coli O157:H7 Odwalla*  | Odwalla outbreak  | *Ds*Red |
| *E. coli O157:H7 EDL933* | Spinach | GFP |
| *E. coli O157:H7 H2439*  | Apple cider | GFP |
| *E. coli O157:H7 C7927*  | Apple cider | GFP |
| *E. coli O157:H7 96A 13466* | Apple cider | GFP |