**Supplementary Table S2. IS elements.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IS family | *w*No, functional | *w*No, non-functional | *w*Ha, functional | *w*Ha, non-functional |
| IS3 | 1 | 0 | 0 | 17 |
| IS4 | 0 | 1 | 4 | 8 |
| IS5 | 2 | 2 | 0 | 11 |
| IS6 | 0 | 6 | 0 | 0 |
| IS66 | 0 | 1 | 0 | 4 |
| IS110 | 11 | 1 | 2 | 9 |
| IS256 | 0 | 2 | 0 | 1 |
| IS630 | 0 | 2 | 0 | 7 |
| IS982 | 0 | 0 | 0 | 1 |
| ISNCY | 0 | 0 | 3 | 0 |