**Table S5.** Primer sequences used to analyse the Pac\_ICE insertion sites and to detect the excised circular Pac\_ICE molecules.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | primer name |  | primer sequence (5’-> 3’) | |  |
|  |  |  |  |  |  |  |
| ICMP18744 |  | Italy\_30141 |  | GGTTACGCCTGCTACACCATGAGC | | |
|  |  | Italy\_31675-r | | gtaactgaagcagaattgccagacg | | |
|  |  |  |  |  |  |  |
|  |  | Italy\_138725 | | GGATTATCTGCAAGGCGCTTGG | | |
|  |  | Italy\_140618-r | | cgatgctgccaatcgagagaatgc | | |
|  |  |  |  |  |  |  |
| ICMP18708 |  | NZ\_32727 |  | GTATCACCGATATCCAGCTGG | | |
|  |  | NZ\_34049-r |  | caggctgatcacttacgttgg | |  |
|  |  |  |  |  |  |  |
|  |  | NZ\_133595 |  | GAACTGTGCTGTTGAGGACATCG | | |
|  |  | NZ\_135130-r | | cagatctgtttggtgaactcgctgac | | |