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| --- | --- | --- |
| Recombinant Breakpointa Location (nt) within the 3CD Coding Region | | |
| Sample | Plaque isolate (48 hpt) | Total cell culture supernatant |
| ES08 | 939 | 943 |
| ES10 | 939 | 945 |
| ES11 | 830 | 854 |
| ES14 | 932 | 851 |
| ES16 | 687 | 765 |
| ES17 | 704 | NA |
| ES20 | 941 | 956 |
| abreakpoint is defined as the first nucleotide position where the coverage of deoptimized reads is greater than the coverage of WT reads | | |