



| STM mutant | ORF | Orientation of Tn | Location of Tn | missing EcoRI fragment | 2 EcoRI fragments with Tn | |
|------------|-------|-------------------|----------------|------------------------|---------------------------|--------|
| 2-48 | ORF60 | F | 80360 | 14,937 | 14,852 | 1,384 |
| 2-75 | ORF59 | F | 78836 | 14,937 | 13,328 | 2,908 |
| 4-2 | ORF37 | R | 54223 | 9,215 | 3,258 | 7,256 |
| 4-37 | ORF61 | F | 82619 | 4,352 | 2,174 | 3,477 |
| 7-51 | ORF36 | F | 52925 | 9,215 | 1,060 | 9,454 |
| 7-61 | ORF58 | R | 78084 | 14,937 | 13,476 | 2,760 |
| 11-61 | ORF40 | F | 57084 | 9,215 | 5,219 | 5,295 |
| 12-11 | ORF49 | F | 67320 | 14,937 | 1,812 | 14,424 |