



**Comments for pMIB/V5-His A**  
**3596 nucleotides**

\*Frame-dependent variations

- OpIE2 promoter: bases 1-549
- OpIE2 Forward priming site: bases 511-530
- Honeybee melittin secretion signal: bases 565-627
- Multiple cloning site: bases 629-721
- V5 epitope: bases 734-775
- Polyhistidine (6xHis) region: bases 785-802
- OpIE2 Reverse priming site: bases 812-837
- OpIE2 polyadenylation sequence: bases 820-949
- pUC origin: bases 1018-1691 (complementary strand)
- OpIE1 promoter: bases 1765-2056
- EM7 promoter: bases 2056-2122
- Blasticidin resistance gene (*bsd*): bases 2123-2521
- Ampicillin resistance gene (*bla*): bases 2641-3501