



**Features of pIB/V5-His-GW/lacZ
6478 nucleotides**

- OpIE2* promoter: bases 1-548
- OpIE2* Forward priming site: 511-530
- attB1* recombination site: bases 602-626
- lacZ* ORF: bases 646-3705
- attB2* recombination site: bases 3722-3746 (c)
- V5 epitope: bases 3781-3822
- 6xHis tag: bases 3832-3849
- OpIE2* Reverse priming site: 3859-3884
- OpIE2* polyadenylation sequence: bases 3867-3996
- pUC origin: bases 4065-4738
- GP64* promoter: bases 4804-4903
- EM7 promoter: bases 4928-4986
- Blasticidin (*bsd*) resistance ORF: bases 5005-5403
- Ampicillin (*bla*) resistance ORF: 5523-6383
- (c) = complementary strand