

Table S3: Evaluation of sequencing data of *S. frugiperda* samples.

PG-OV	Read Number	Base Number	GC Content	≥Q30 (%)
Repeat 1	44,017,476	6,602,621,400	47.01%	89.61%
Repeat 2	41,405,096	5,854,668,456	46.24%	89.47%
Repeat 3	36,785,916	6,649,778,988	46.43%	89.94%