

**Table 4 Indel locations in YP-1, *S. galapagense*, and *S. pimpinellifolium* reference-guided assemblies to H1706.** Numbers in parenthesis indicate percentage of region-type containing indels. *S. gal* = *S. galapagense*; *S. pim* = *S. pimpinellifolium*.

| Indel Location           | # of indels (% of region) |                 |                 |
|--------------------------|---------------------------|-----------------|-----------------|
|                          | YP-1                      | <i>S. gal</i>   | <i>S. pim</i>   |
| <u>Total indels</u>      | 51,894 (0.01%)            | 351,421 (0.04%) | 521,532 (0.07%) |
| <u>Intergenic</u>        | 40,078 (0.01%)            | 303,630 (0.05%) | 460,989 (0.07%) |
| <u>Genic total</u>       | 11,816 (0.01%)            | 47,791 (0.04%)  | 60,543 (0.06%)  |
| <u>Genic - noncoding</u> | 11,155 (0.02%)            | 43,226 (0.06%)  | 56,029 (0.08%)  |
| <u>Genic - coding</u>    | 661 (0.0%)                | 4,434 (0.01%)   | 4,514 (0.01%)   |
| frame shift              | 510                       | 2,633           | 2,853           |
| codon insertion          | 59                        | 571             | 902             |
| codon deletion           | 63                        | 505             | 763             |
| change and insertion     | 31                        | 417             | 332             |
| change and deletion      | 19                        | 308             | 293             |