

Table 3 SNP locations in YP-1, *S. galapagense*, and *S. pimpinellifolium*. Annotations are based on ITAG2.3 predictions for H1706. Numbers in parenthesis indicate percentage of the region containing SNPs. *S. gal* = *S. galapagense*; *S. pim* = *S. pimpinellifolium*; nonsyn=nonsynonymous.

| SNP Location | # of SNPs (% of region)* | | |
|--------------------------|--------------------------|------------------|------------------|
| | YP-1 | <i>S. gal</i> | <i>S. pim</i> |
| <u>Total SNPs</u> | 539,406 (0.07%) | 4,665,765 (0.6%) | 6,016,177 (0.8%) |
| <u>Intergenic</u> | 339,858 (0.05%) | 4,318,821 (0.5%) | 5,589,364 (0.8%) |
| <u>Genic</u> | 42,117 (0.04%) | 346,944 (0.3%) | 426,813 (0.4%) |
| <u>Genic - noncoding</u> | 26,025 (0.04%) | 241,551 (0.3%) | 304,830 (0.4%) |
| <u>Genic - coding</u> | 16,092 (0.04%) | 105,393 (0.3%) | 121,983 (0.3%) |
| coding nonsyn. | 10,118 | 62,432 | 70,474 |
| coding synonymous | 15,457 | 40,622 | 40,703 |
| stop gained | 288 | 1,427 | 1,781 |
| stop lost | 144 | 497 | 541 |
| splice site donor | 49 | 271 | 320 |
| start lost | 64 | 258 | 326 |
| splice site acceptor | 55 | 251 | 255 |
| synonymous stop | 21 | 120 | 152 |
| nonsyn. start | 14 | 53 | 54 |

* some SNPs are counted more than once since they are in more than one gene model