Table S10. Mutation spectra generated by the same CRISPR/Cas9 nuclease in the *PAG2* gene in two different hybrid poplar clones. The most prevalent mutation type for each specific group is in bold. The “other” mutation type refers to 11 different mutation types with lower than 4.5% prevalence.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1 bp deletion** | **2 bp deletion** | **3 bp deletion** | **4 bp deletion** | **5 bp deletion** | **41 bp deletion** | **1 bp insertion** | **other** | **Total** |
| ***AG2*-sg1sg2 in 717** | **12 (34.3%)** | 2 (5.7%) | 2 (5.7%) | 5(14.3%) | 3 (8.6%) | 2 (5.7%) | 4 (11.4%) | 5 (14.3%) | 35 |
| ***AG2*-sg1sg2 in 353** | **23 (37.7%)** | 8(13.1%) | 3 (4.9%) | 2 (3.3%) | 3 (4.9%) | 2 (3.3%) | 8 (13.1%) | 12 (19.7%) | 61 |
| **Total** | 35 | 10 | 5 | 7 | 6 | 4 | 12 | 17 | 96 |