Table 2. Efficiency of transformation in Protocorm *P. amabilis*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Treatment | | Repetition | Σ transformed protocorm | Σ survival protocorms in selection medium | PCR  Detection | | | Efficiency of transformation (%) |
| *HPT*+ | *Cas9*+ | *PDS*+ |
| Non-transforman  (Wild Type) | | 1 | 430 | 3 | 0/3 | 0/3 | 0/3 | 0 |
| 2 | 405 | 2 | 0/2 | 0/2 | 0/2 | 0 |
| 3 | 392 | 1 | 0/1 | 0/1 | 0/1 | 0 |
| **Total** | **1227** | **6** | **0/6** | **0/6** | **0/6** | **0** |
| *PDS3T1* | 1 | | 420 | 4 | 1/7 | 1/7 | 1/7 | 0.95 |
| 2 | | 385 | 3 | 1/3 | 1/3 | 1/3 | 0.77 |
| 3 | | 295 | 3 | 1/4 | 1/4 | 1/4 | 1.0 |
| **Total** | | **1100** | **10** | **3/14** | **3/14** | **3/14** | **0.90** |
| *PDS3T2* | 1 | | 417 | 5 | 1/5 | 1/5 | 1/5 | 1.1 |
|  | 2 | | 407 | 4 | 1/4 | 1/4 | 1/4 | 0.98 |
|  | 3 | | 365 | 3 | 1/3 | 1/3 | 1/3 | 0.82 |
|  | **Total** | | **1189** | **12** | **3/12** | **3/12** | **3/12** | **0.96** |