**The restoration of the endangered *Sambucus palmensis* after 30 years of conservation actions in the Garajonay National Park:genetic assessment and niche modelling**

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List of the best candidates for future reintroduction programs. Individuals with unique or rare genotypes, which also presented a high individual heterozygosity and private or rare alleles were considered. ID = Code assigned to each individual, Genotype code = Identification code of the genotypes assigned to each individual, H-ind = Individual heterozygosity

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Locality | Genotype code | H-ind |
| 732 | ACE | 25 | 0.500 |
| 677 | ANC | B | 0.625 |
| 890 | REJ | 8 | 0.500 |
| 876 | REJ | 9 | 0.750 |
| 885 | REJ | 18 | 0.625 |
| 912 | REJ | 21 | 0.625 |
| 935 | REJ | 41 | 0.625 |
| 817 | LIR | 3 | 0.750 |
| 811 | LIR | 50 | 0.500 |
| 832 | LIR | 72 | 0.500 |
| 823 | LIR | 74 | 0.625 |
| 809 | LIR | 75 | 0.500 |
| 837 | LIR | 76 | 0.500 |
| 824 | LIR | 77 | 0.500 |
| 827 | LIR | 78 | 0.750 |
| 554 | LIR | 79 | 0.750 |
| 806 | LIR | 80 | 0.625 |
| 835 | LIR | 81 | 0.625 |
| 802 | LIR | 83 | 0.500 |
| 805 | LIR | 84 | 0.500 |
| 813 | LIR | KKK | 0.625 |
| 775 | MER | 43 | 0.750 |
| 578 | MVA | 40 | 0.750 |
| 590 | MVA | G | 0.625 |
| 794 | PRO | 2 | 0.500 |