**Supplemental Table 1**. The thirty-one dill genotypes studied (twenty-two Greek landraces and nine commercial cultivars).

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| --- | --- | --- | --- | --- | --- |
| **No** | **Genotype** | **Pre-defined population** | **No** | **Genotype** | **Pre-defined population** |
| 1 | T-518/06 | Local cultivated Landraces | 23 | Szmaragd | Commercial Cultivars |
| 2 | HL-232/07 | 24 | Diana |
| 3 | T-208/06 | 25 | Mariska |
| 4 | T-538/06 | 26 | Tetra |
| 5 | T-370/06 | 27 | Dukat |
| 6 | T-349/06 | 28 | Kronos |
| 7 | GRC-209/08 | 29 | Ambrozja |
| 8 | GRC-1348/04 | 30 | Lukullus |
| 9 | IS-127/07 | 31 | Amat |
| 10 | T-326/06 |  |  |  |
| 11 | T-315/06 |  |  |  |
| 12 | T-309/06 |  |  |  |
| 13 | T-269/06 |  |  |  |
| 14 | KD-178/07 |  |  |  |
| 15 | XKA-035/07 |  |  |  |
| 16 | T-382/06 |  |  |  |
| 17 | ROX-064/07 |  |  |  |
| 18 | ANP-015/07 |  |  |  |
| 19 | T-399/06 |  |  |  |
| 20 | KD-235/07 |  |  |  |
| 21 | SAS-049/07 |  |  |  |
| 22 | K-133/06 |  |  |  |