**Table 1**. Names and sequences of molecular markers used to amplify DNA from silica-gel dried common bean leaves.

|  |  |
| --- | --- |
| Marker Name  | Marker sequence (5’-3’) |
| SW13 |  F CACAGCGACATTAATTTTCCTTTC R CACAGCGACAGGAGGAGCTTATTA |
| OPV12\* | ACCCCCCACT |
| Bmd 502 | F ATTCTCAGGCAGGAAACATAR ACGACCCACAATCACTTAAA |
| RAMS 3\* | GAG(ACA)5 |

F and R denote forward and reverse primer respectively. Marker systems denoted by \* use only 1 primer.

**Table 2**. Mass and percentage change in mass observed among 8 bean lines.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Fresh mass (g) | Dry mass (g) | % change in mass |
| x | 2.27 | 2.12 | 0.066 |
| u | 1.98 | 1.94 | 0.020 |
| r | 2.13 | 2.04 | 0.042 |
| v | 2.07 | 2.02 | 0.024 |
| s | 2.12 | 2.08 | 0.019 |
| y | 2.15 | 2.06 | 0.042 |
| t | 2.08 | 1.92 | 0.077 |
| w | 1.97 | 1.91 | 0.030 |
| Mean | 2.09(0.098) | 2.01(0.078) | 0.04(0.02) |

Values in parentheses are standard error of the mean of the observations

**Table 3**. DNA yield and DNA purity parameters of 8 selected lines.

|  |  |  |  |
| --- | --- | --- | --- |
| ID/Mean | DNA (µg/g) | A260/280 | A260/230 |
| x | 2.24 | 2.31 | 2.13 |
| u | 2.88 | 2.09 | 2.49 |
| r | 3.09 | 2.13 | 2.16 |
| v | 4.51 | 1.98 | 2.34 |
| s | 2.56 | 2.19 | 2.5 |
| y | 3.83 | 2.1 | 2.54 |
| t | 1.91 | 2.03 | 2.34 |
| w | 2.85 | 2.07 | 2.39 |
| Mean | 2.98(0.84) | 2.1(0.1) | 2.4(0.15) |

DNA concentration was determined by fluorimetry using the Hoechst Values in parentheses are standard error of the mean of the observations