**Supplemental Table 2.** The number amplified and polymorphic bands produced by

ISSR and SRAP markers for 27 lines and 3 varieties of *V. sativa*.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Primer Name** | **Amplified bands** | **Polymorphic bands** | **Polymorphism Rate (%)** | **PIC** |
|
| Me6-Em6 | 3 | 3 | 100 | 0.65 |
| Me6-Em7 | 6 | 5 | 83 | 0.64 |
| Me6-Em8 | 3 | 2 | 67 | 0.44 |
| Me6-Em9 | 3 | 1 | 33 | 0.86 |
| Me6-Em10 | 2 | 1 | 50 | 0.30 |
| Me6-Em11 | 5 | 5 | 100 | 0.46 |
| Me6-Em12 | 6 | 6 | 100 | 0.56 |
| Me6-Em13 | 6 | 6 | 100 | 0.63 |
| Me6-Em14 | 5 | 4 | 80 | 0.78 |
| Me6-Em15 | 4 | 3 | 75 | 0.75 |
| Me6-Em16 | 9 | 9 | 100 | 0.72 |
| Me6-Em17 | 7 | 7 | 100 | 0.58 |
| Me7-Em7 | 4 | 3 | 75 | 0.79 |
| Me7-Em8 | 4 | 4 | 100 | 0.44 |
| Me7-Em9 | 2 | 1 | 50 | 0.93 |
| Me7-Em11 | 8 | 8 | 100 | 0.76 |
| Me7-Em12 | 2 | 1 | 50 | 0.95 |
| Me7-Em14 | 6 | 6 | 100 | 0.77 |
| Me7-Em15 | 6 | 5 | 83 | 0.76 |
| Me7-Em16 | 4 | 3 | 75 | 0.48 |
| Me7-Em17 | 5 | 3 | 60 | 0.64 |
| Me8-Em8 | 2 | 1 | 50 | 0.92 |
| Me8-Em9 | 5 | 5 | 100 | 0.52 |
| Me8-Em10 | 5 | 4 | 80 | 0.85 |
| Me8-Em11 | 3 | 3 | 100 | 0.71 |
| Me8-Em12 | 3 | 2 | 67 | 0.23 |
| Me8-Em13 | 2 | 1 | 50 | 0.93 |
| Me8-Em15 | 6 | 5 | 83 | 0.79 |
| Me8-Em16 | 4 | 3 | 75 | 0.54 |
| Me8-Em17 | 2 | 1 | 50 | 0.36 |
| Me9-Em9 | 4 | 2 | 50 | 0.33 |
| Me9-Em13 | 2 | 2 | 100 | 0.31 |
| Me9-Em14 | 4 | 2 | 50 | 0.78 |
| Me9-Em15 | 3 | 2 | 67 | 0.23 |
| Me10-Em11 | 5 | 5 | 100 | 0.47 |
| Me10-Em13 | 7 | 6 | 86 | 0.22 |
| Me10-Em14 | 2 | 1 | 50 | 0.86 |
| Me11-Em11 | 9 | 9 | 100 | 0.81 |
| Me11-Em13 | 3 | 2 | 67 | 0.22 |
| Me11-Em14 | 4 | 3 | 75 | 0.66 |
| Me12-Em12 | 3 | 3 | 100 | 0.50 |
| Me12-Em14 | 3 | 2 | 67 | 0.88 |
| Me12-Em15 | 4 | 4 | 100 | 0.85 |
| Me12-Em16 | 7 | 7 | 100 | 0.79 |
| Me12-Em17 | 4 | 4 | 100 | 0.46 |
| Me13-Em14 | 4 | 4 | 100 | 0.76 |
| Me14-Em14 | 2 | 2 | 100 | 0.12 |
| BC-813 | 2 | 1 | 50 | 0.96 |
| UBC-809 | 3 | 3 | 100 | 0.72 |
| UBC-811 | 5 | 5 | 100 | 0.77 |
| UBC-856 | 3 | 2 | 67 | 0.88 |
| UBC-858 | 6 | 6 | 100 | 0.67 |
| **Mean** | **4.40** | **3.62** | **-** | **0.63** |
| **Total** | **229** | **188** | **82.10** | **32.99** |