



Table S1. F_{4:5} progenies evaluated in the experiments set up at the experimental field of EPAMIG in São Sebastião do Paraíso.

| Treat. | Progeny/Cultivar | Treat. | Progeny/Cultivar | Treat. | Progeny/Cultivars |
|--------|---------------------------------|--------|-------------------------------|--------|--------------------------------|
| P1 | H 29-1-8-5 (I.5) plant 1 | P24 | H 32-3-15-20 (I.13) plant 1 | P47 | H 136-1-14-10 (I.22) plant 3 |
| P2 | H 29-1-8-5 (I.5) plant 3 | P25 | H 32-3-15-20 (I.13) plant 5 | P48 | H 30-3-14-1-19 (II.12) plant 1 |
| P3 | H 29-1-8-5 (I.5) plant 4 | P26 | H 32-11-17-4 (I.4) plant 2 | P49 | H 30-3-14-1-19 (II.12) plant 4 |
| P4 | H 29-1-8-5 (I.5) plant 5 | P27 | H 136-1-19-4 (II.27) plant 1 | P50 | H 32-3-15-20 (II.13) plant 1 |
| P5 | H 29-1-9-8 (II.7) plant 1 | P28 | H 136-1-19-4 (II.27) plant 2 | P51 | H 32-3-15-20 (II.13) plant 3 |
| P6 | H 29-1-9-8 (II.7) plant 4 | P29 | H 136-1-19-4 (II.27) plant 3 | P52 | H 32-3-15-20 (II.13) plant 4 |
| P7 | H 136-1-14-14 (II.23) plant 1 | P30 | H 136-1-19-4 (II.27) plant 5 | P53 | H 32-3-15-20 (II.13) plant 5 |
| P8 | H 29-1-3-12 (III.2) plant 3 | P31 | H 29-1-8-16 (II.6) plant 3 | P54 | H 29-1-14-5 (III.8) plant 2 |
| P9 | H 29-1-3-12 (III.2) plant 5 | P32 | H 29-1-8-16 (II.6) plant 4 | P55 | H 29-1-14-5 (III.8) plant 3 |
| P10 | H 32-11-17-4 (III.4) plant 1 | P33 | H 29-1-8-16 (II.6) plant 5 | P56 | H 29-1-14-5 (III.8) plant 4 |
| P11 | H 32-11-17-4 (III.4) plant 2 | P34 | H 136-1-19-7 (II.28) plant 2 | P57 | H 29-1-14-5 (III.8) plant 5 |
| P12 | H 32-11-17-4 (III.4) plant 5 | P35 | H 29-1-8-5 (III.5) plant 2 | P58 | Rubi 1192 (III.30) plant 1 |
| P13 | H 29-1-8-16 (I.6) plant 1 | P36 | H 29-1-8-5 (III.5) plant 3 | P59 | Rubi 1192 (III.30) plant 2 |
| P14 | H 29-1-8-16 (I.6) plant 4 | P37 | H 29-1-8-5 (III.5) plant 4 | P60 | Rubi 1192 (III.30) plant 5 |
| P15 | H 29-1-9-8 (I.7) plant 1 | P38 | H 29-1-8-5 (II.5) plant 4 | P61 | H 136-1-19-4 (I.27) plant 1 |
| P16 | H 29-1-9-8 (I.7) plant 3 | P39 | H 136-1-19-7 (III.28) plant 1 | P62 | H 136-1-19-4 (I.27) plant 2 |
| P17 | H 29-1-9-8 (I.7) plant 5 | P40 | H 136-1-19-7 (III.28) plant 2 | P63 | H 136-1-19-4 (I.27) plant 3 |
| P18 | H 29-1-14-5 (I.8) plant 3 | P41 | H 136-1-19-7 (III.28) plant 4 | P64 | H 136-1-19-4 (I.27) plant 4 |
| P19 | H 136-1-4-3 (II.29) plant 4 | P42 | H 136-1-19-7 (III.28) plant 5 | P65 | H 136-1-19-4 (I.27) plant 5 |
| P20 | H 136-1-14-10 (III.22) plant 2 | P43 | H 29-1-8-16 (III.16) plant 1 | P66 | H 136-1-19-7 (I.28) plant 1 |
| P21 | H 30-3-14-1-19 (III.12) plant 1 | P44 | H 29-1-8-16 (III.16) plant 3 | P67 | H 136-1-19-7 (I.28) plant 4 |
| P22 | H 30-3-14-1-19 (III.12) plant 3 | P45 | H 136-1-19-4 (II.27) plant 4 | P68 | H 29-1-9-8 (III.7) plant 1 |
| P23 | H 30-3-14-1-19 (III.12) plant 5 | P46 | H 136-1-14-10 (I.22) plant 1 | | |

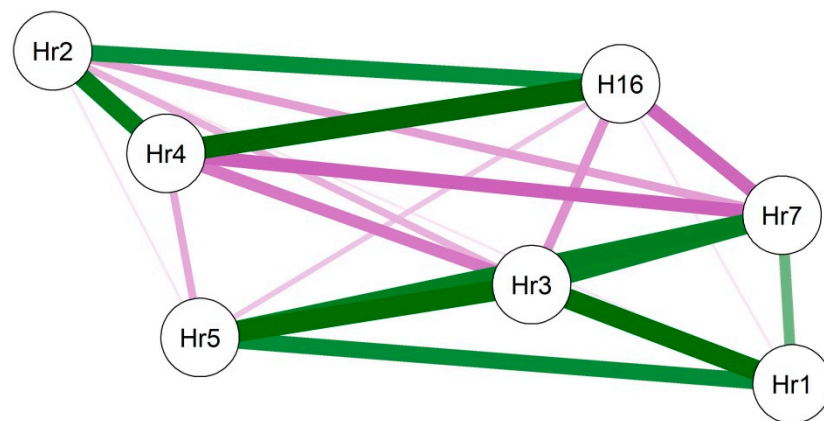


Figure S1. Correlation network of the seven evaluated harvests.