**Table S1.** **Summary of hybridization efficiency and outcomes of isolated colonies.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | Immortalized hybrid lines | |  |
| Hybrid | Hybridization efficiencya | Hybrid colonies isolated | Hybrid lines without a senescence-like phaseb | Hybrid lines with a senescence-like phaseb | Non-immortalized hybrids |
| J82/GM847 | 1 in 2x103 | 11 | 9 | 1 | 1 |
| TE-85/GM847 | 1 in 2x103 | 11 | 9 | 1 | 1 |
| A549/GM847 | 1 in 9x103 | 12 | 2 | 8 | 2 |
| MeT-5A/GM847 | 1 in 9x103 | 18 | 0 | 13 | 5 |

aHybridization efficiency was calculated as the number of isolated colonies per total cells seeded and subjected to selection;

bSenescence-like phase was defined as failure to undergo one PD within 21 days.