# Supplementary Table 2

| | Theoretical number of potential DZFs in each library | Actual number of transformants for each library | Theoretical number of combinations tested in each library x library selection | Actual number of combinations tested in each library x library selection |
|---|---|---|---|---|
| Set/Group A: Ik, Eo, Pe, Hd, Hl, Hh | 30 | $10^3$–$10^4$ | 900 | ~ $10^6$ |
| Set/Group B: Pe, Hd, Hl | 6 | $10^4$–$10^5$ | 36 | ~ $5 \times 10^6$ |
| Set/Group C: Eo, Tr, Hl, Hh, Hc | 20 | $10^3$–$10^4$ | 400 | ~ $10^6$ |