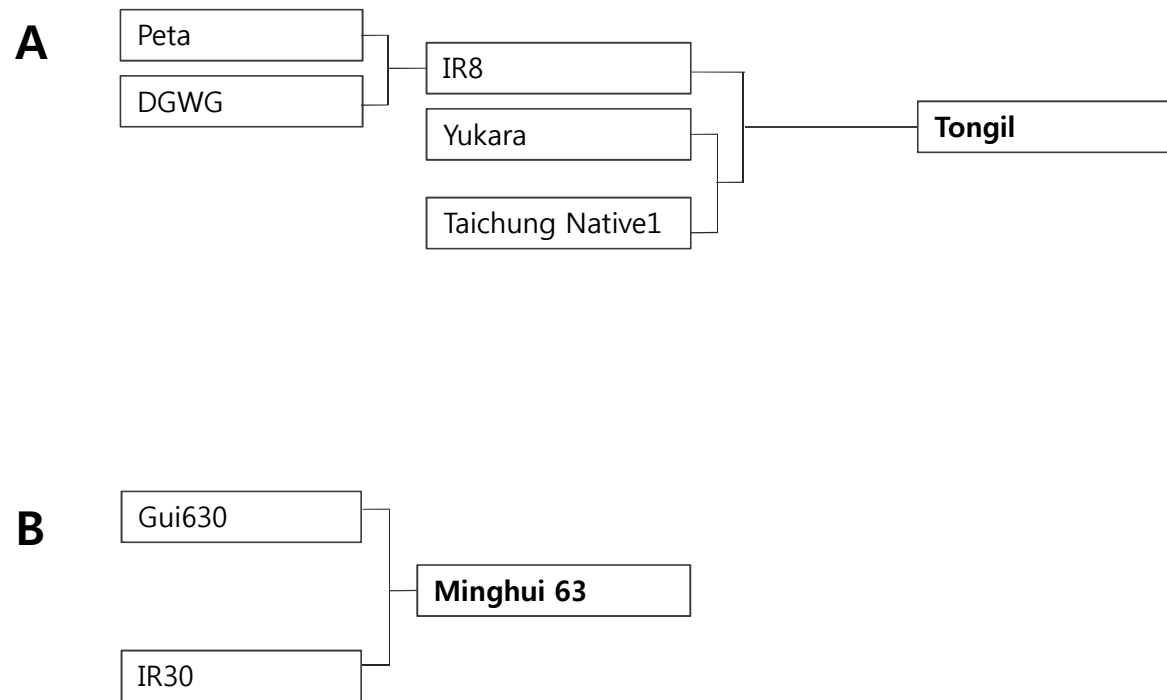
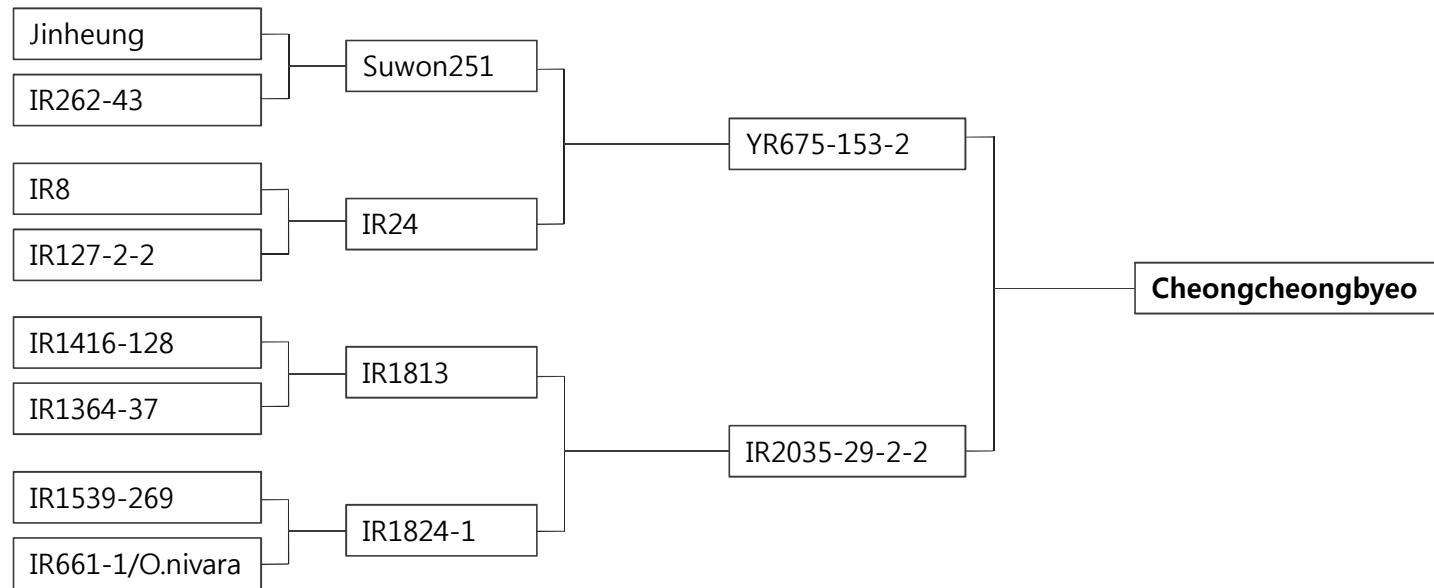
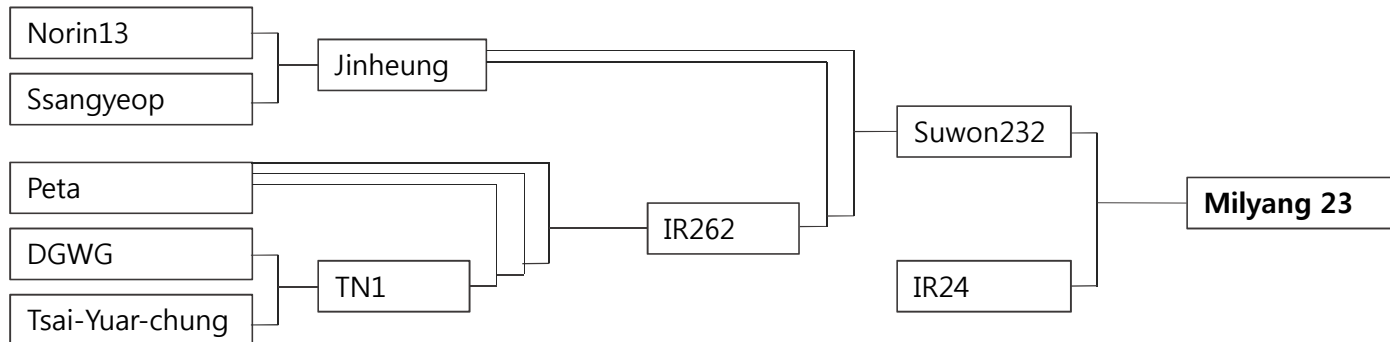
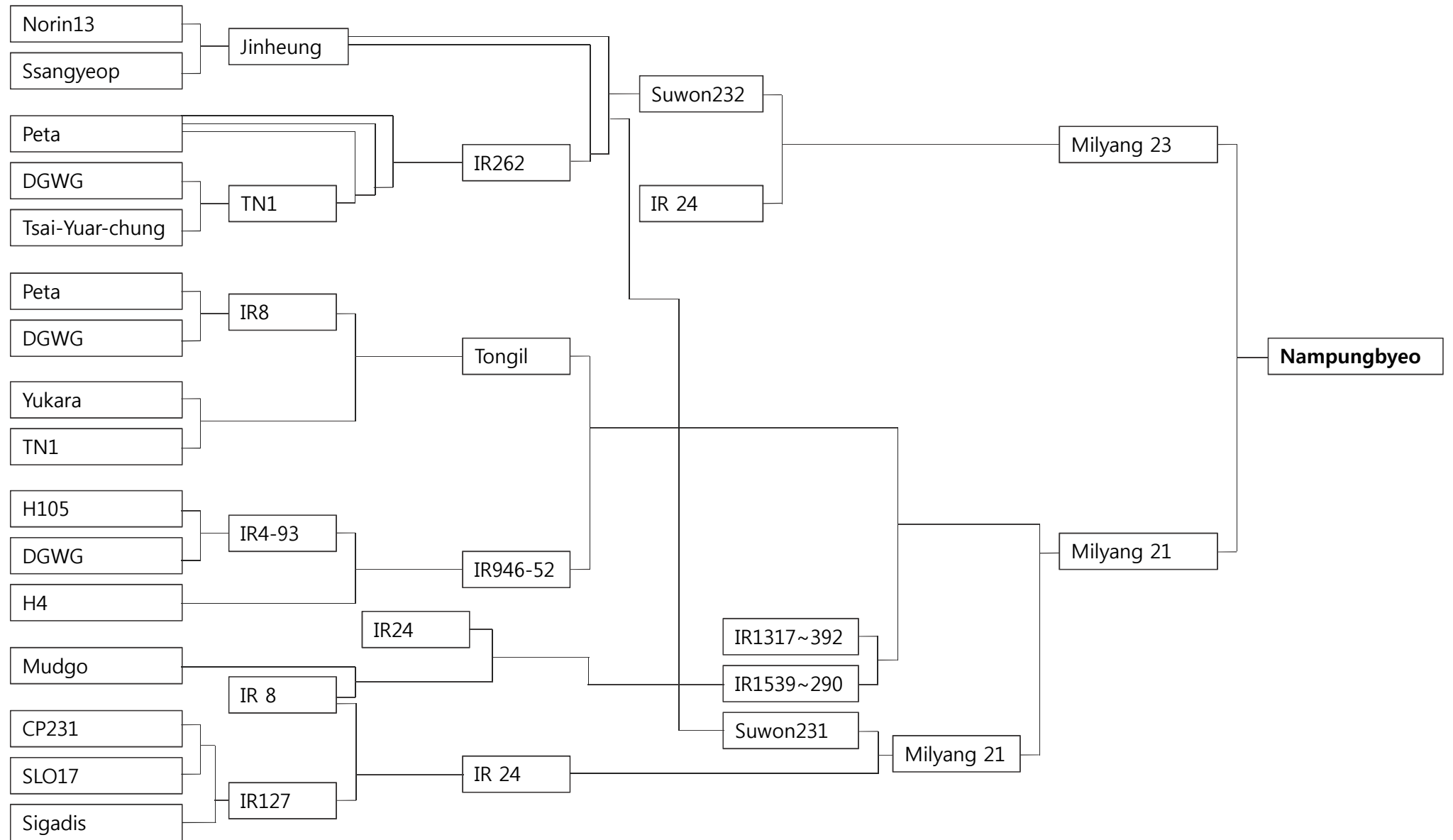


**Figure S1.** Pedigrees of eight HYVs used in this study. (A) Tongil, (B) Minghui 63, (C) Cheongcheongbyeo, (D) Milyang 23, (E) Nampungbyeo, (F) Hanareumbyeo, (G) Dasanbyeo, (H) Takanari

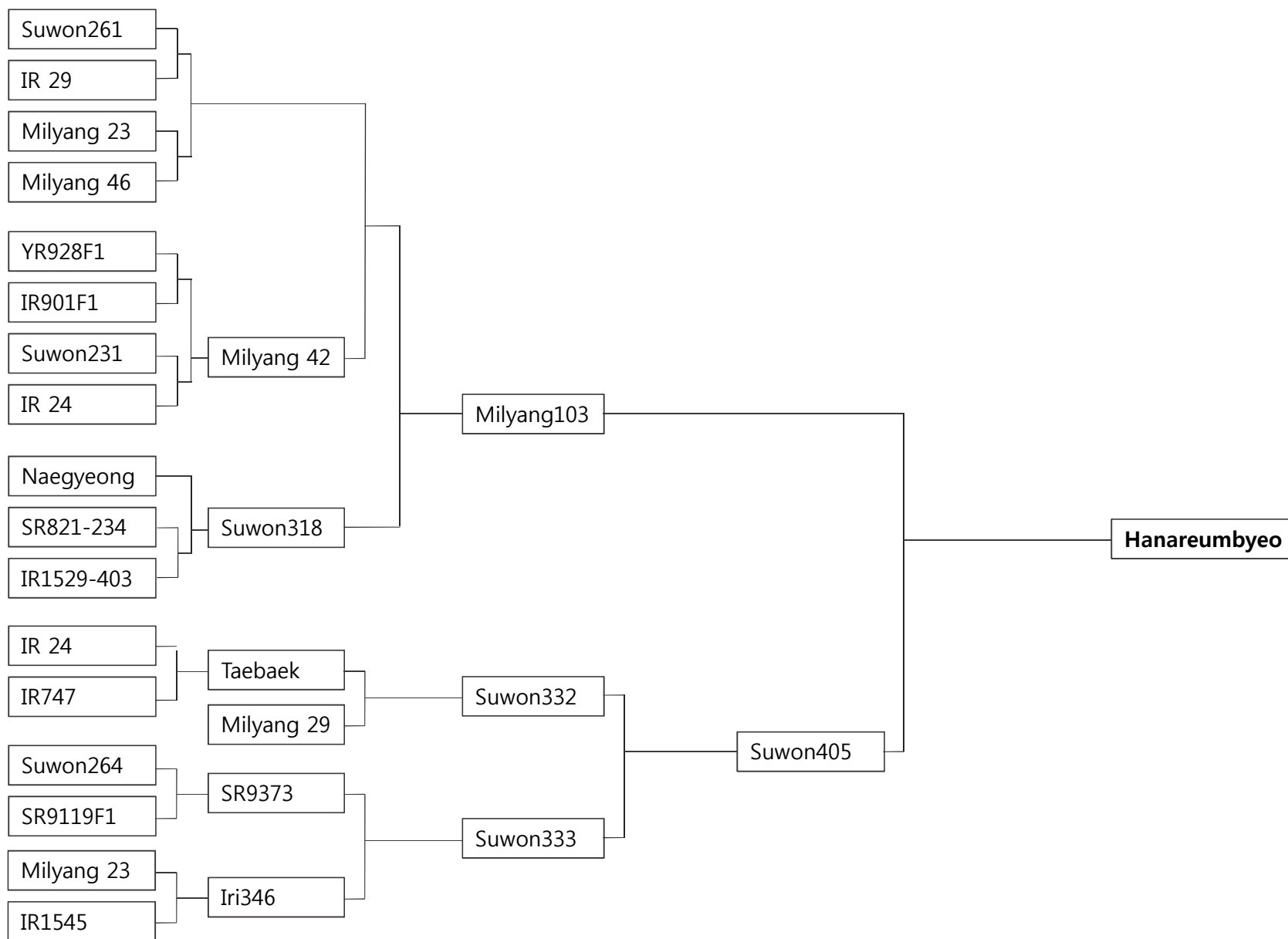


**C****D**

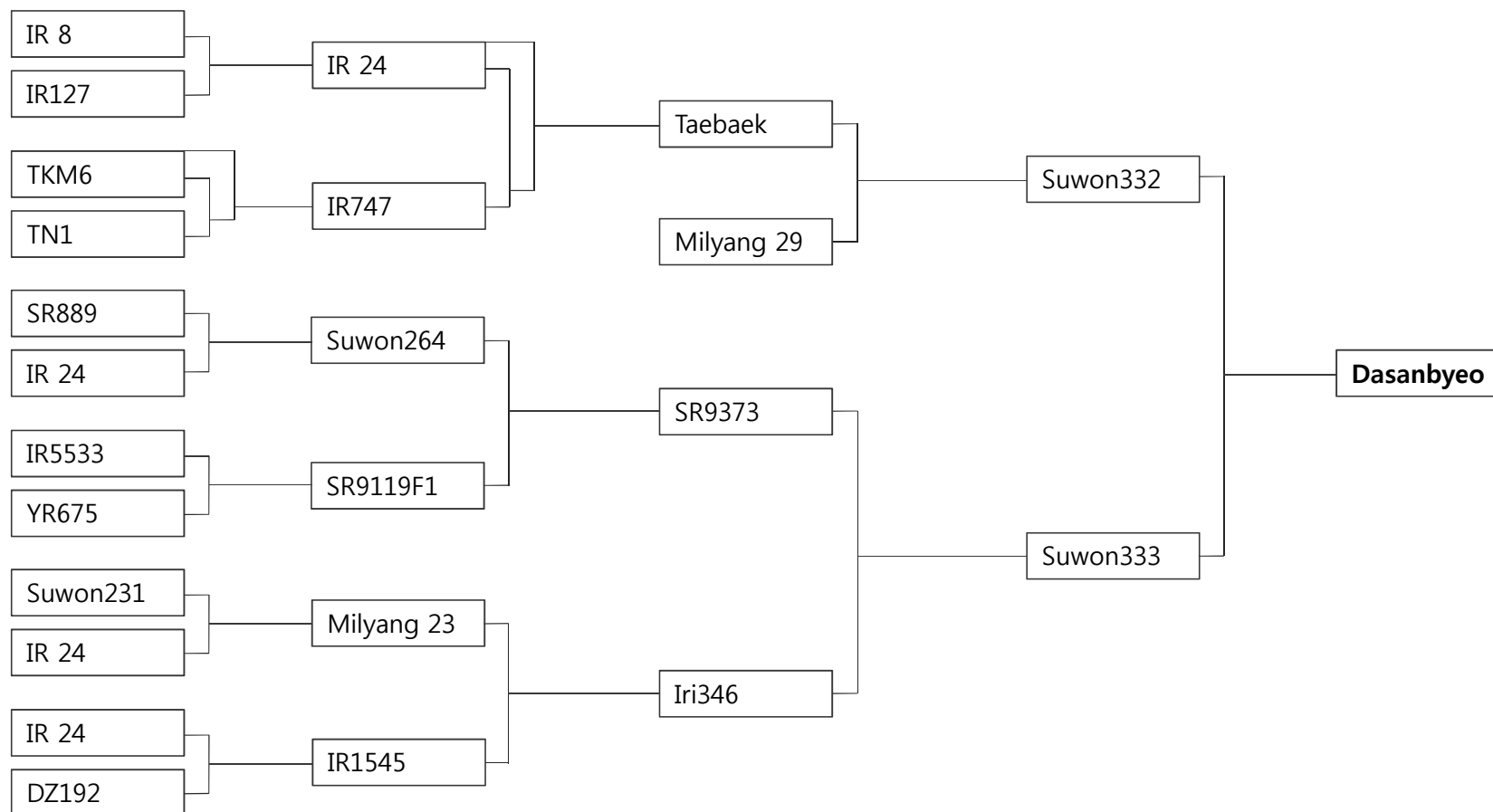
# E



**F**



**G**



**H**

