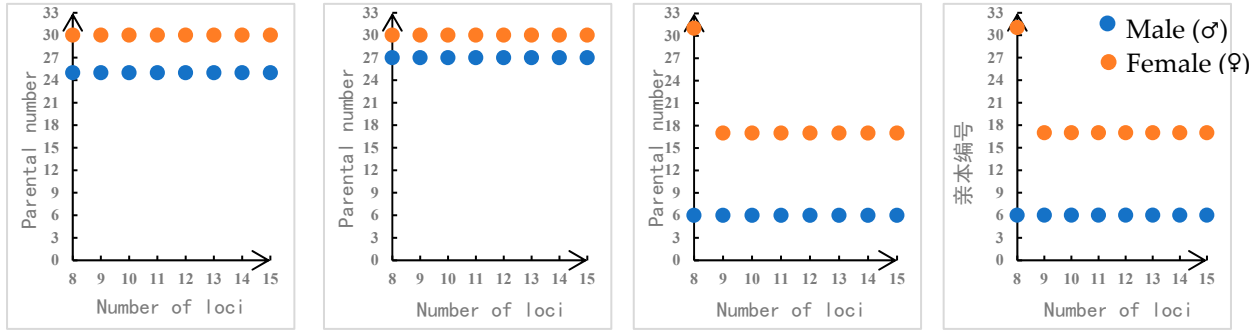


Supplementary Figure

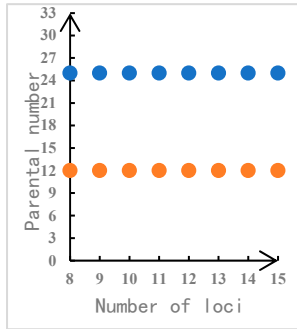


a) H1

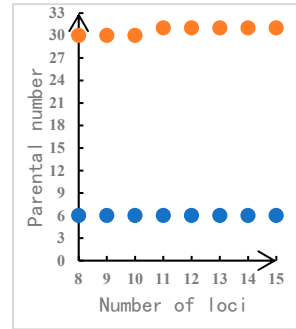
b) H2

c) H3

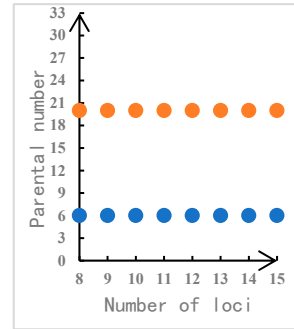
d) H4



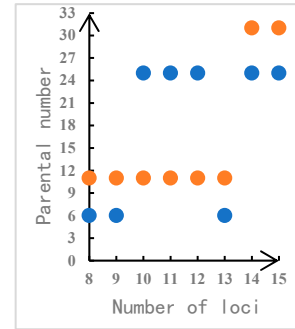
e) H5



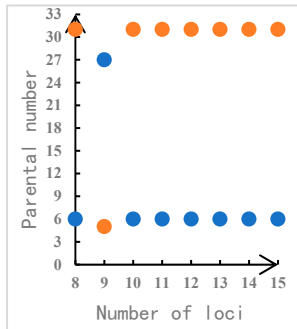
f) H6



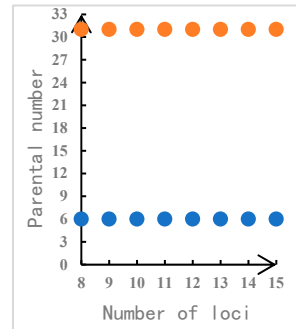
g) H7



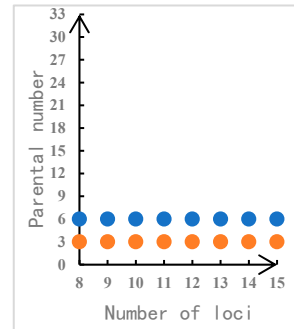
h) H8



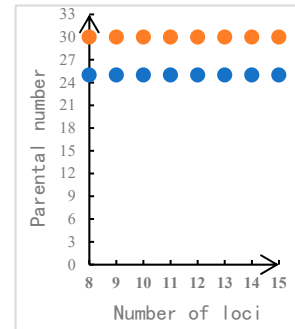
i) H9



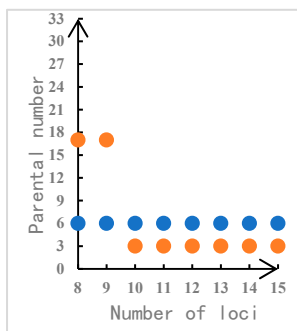
j) H10



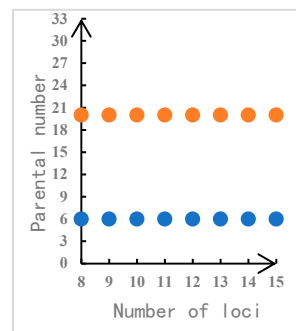
k) H11



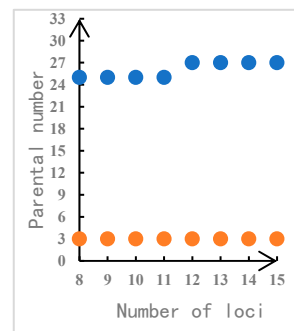
l) H12



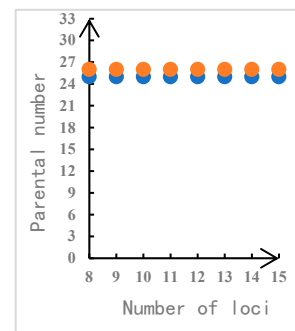
m) H13



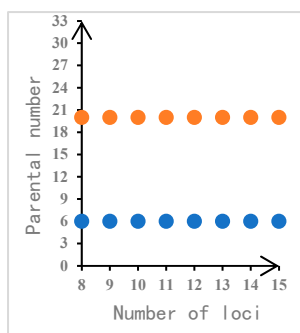
n) H14



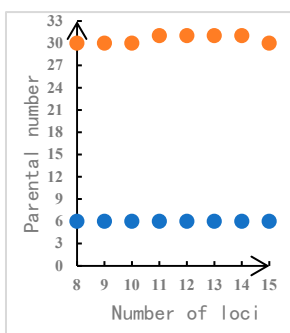
o) H15



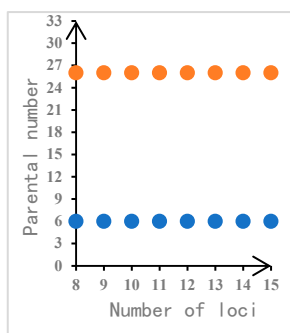
p) H16



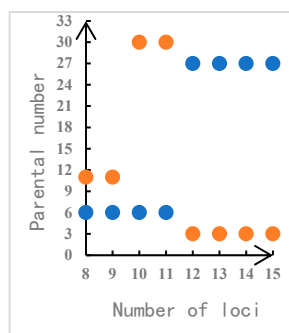
q) H17



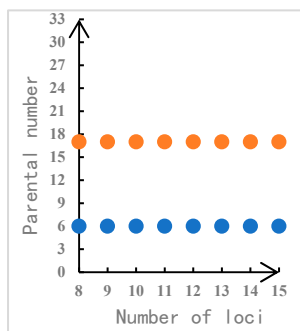
r) H18



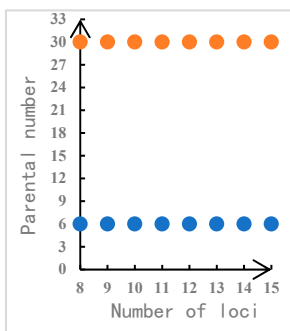
s) H19



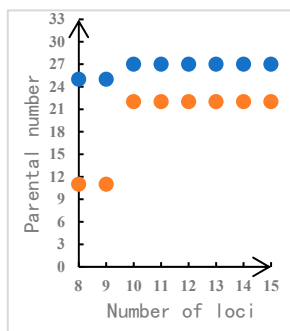
t) H20



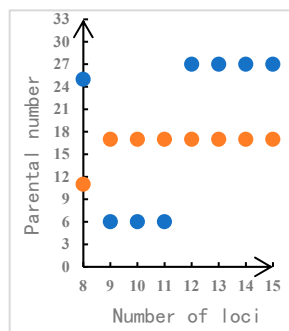
u) H21



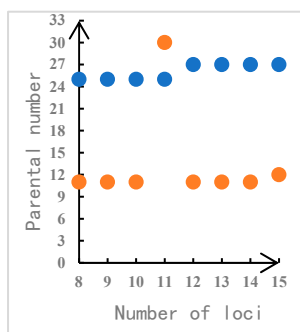
v) H22



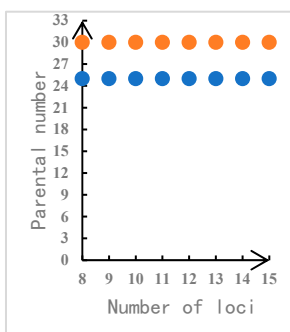
w) H23



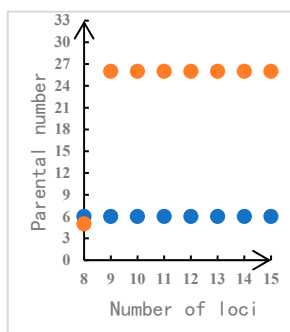
x) H24



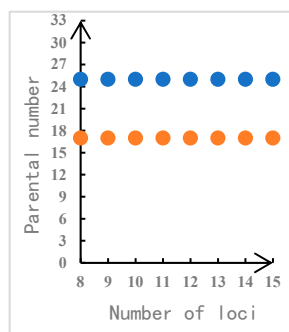
y) H25



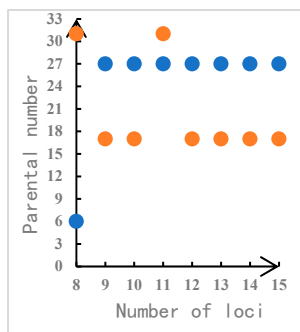
z) H26



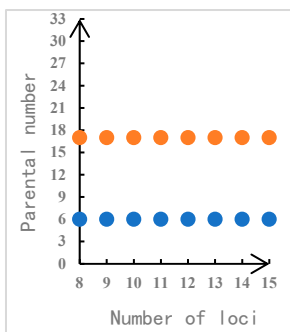
aa) H27



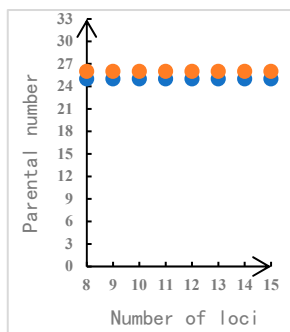
ab) H28



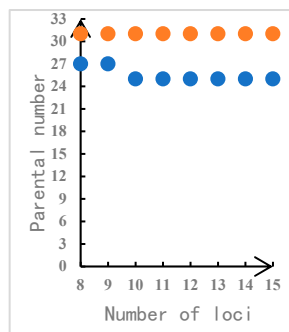
ac) H29



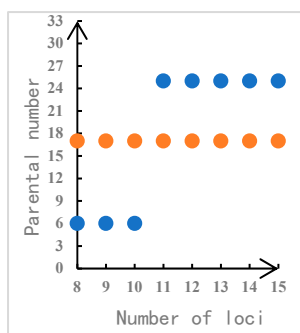
ad) H30



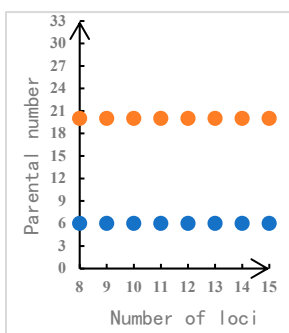
ae) H31



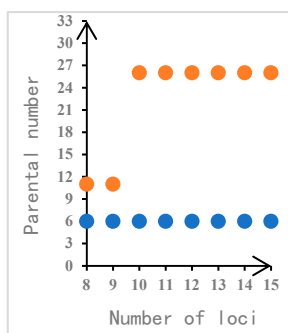
af) H32



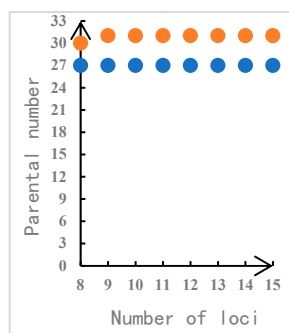
ag) H33



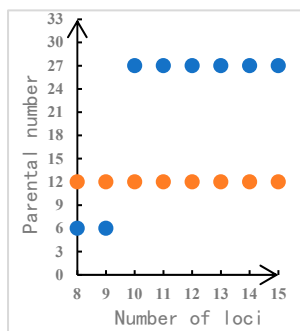
ah) H34



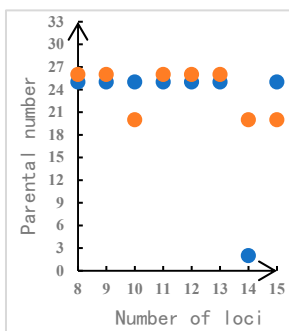
ai) H35



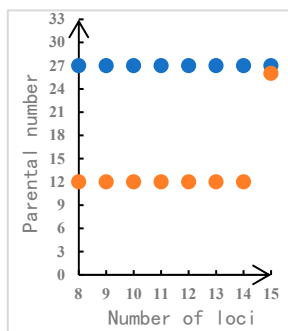
aj) H36



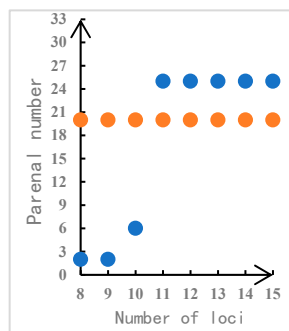
ak) H37



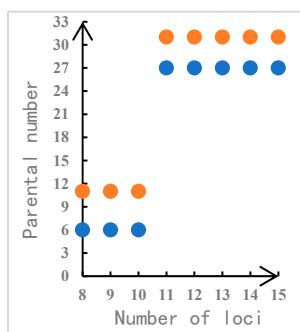
al) H38



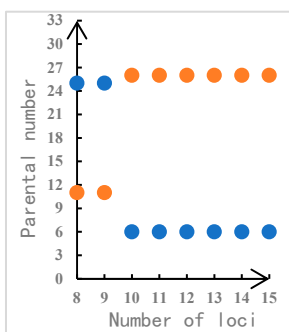
am) H39



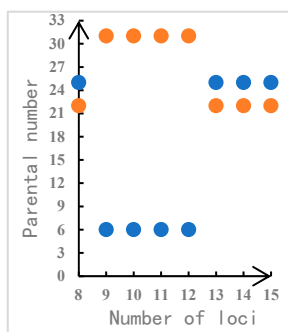
an) H40



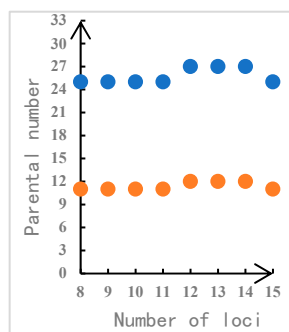
ao) H41



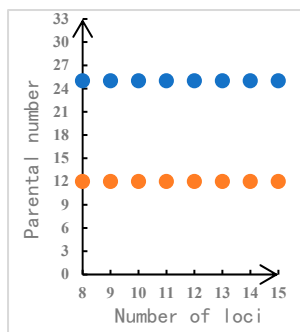
ap) H42



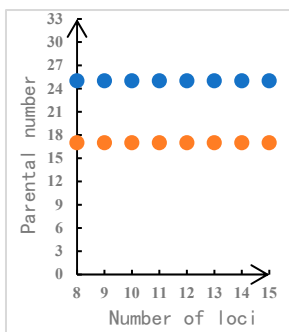
aq) H43



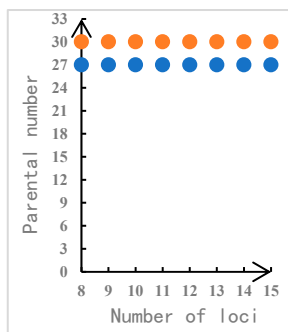
ar) H44



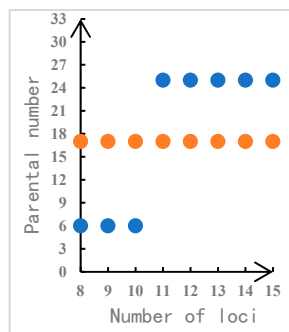
as) H45



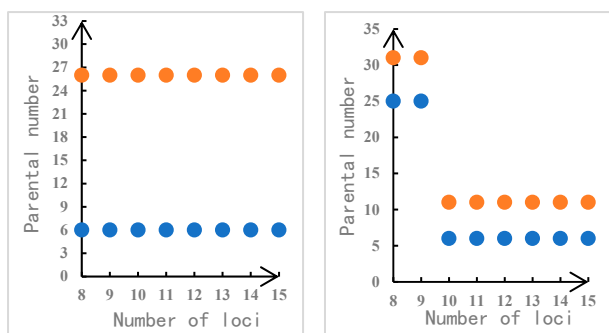
at) H46



au) H47



av) H48



aw) H49

ax) H50

Note: a)–ax) is the number 1–50 individual in the simulated population. Five individuals (H18, H25, H38, H39, and H44) had uncertain parentage, and three individuals (H18, H25, and H39) successfully matched the female parent, and two individuals (H38 and H44) showed potential relationships with to 2 – 3 male parents or female parents.

Supplementary Figure S1. Identification of 50 individuals in the simulated population with different number of loci