(a) Xhbg227, Xgwm497

Region 1:
GY, SPSM, KPS, TKW, PHT

Region 2:
GY, SPSM, TKW, PHT, HD

Region 3:
KPS

Region 4:
GY, SPSM, PHT, HD

Region 5:
HD

(b) QTL GPC, Bvol, Dsc, W, Bsc

markers:

(c) Xhbg227, Xgwm497

Region 1:
GY, SPSM, KPS, TKW, PHT

Region 2:
GY, SPSM, TKW, PHT, HD

Region 3:
KPS

Region 4:
GY, SPSM, PHT, HD

Region 5:
HD

(d) QTL GPC, Bvol, Dsc, W, Bsc

(e) Marker Xhbg227, Xgwm497