



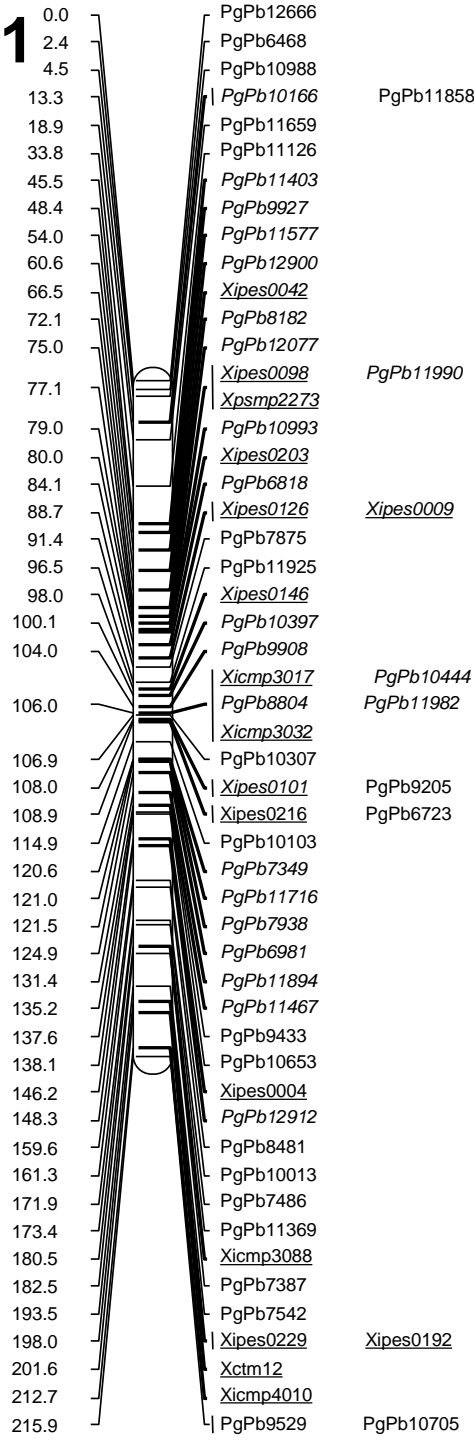
Water saving traits co-map with a major terminal drought tolerance quantitative trait locus in pearl millet [Pennisetum glaucum (L.) R. Br.]

Jana Kholová, T. Nepolean, C. Tom Hash, A. Supriya, V. Rajaram, S. Senthilvel, Aparna Kakkera, Rattan Yadav and Vincent Vadez

DOI: <http://dx.doi.org/10.1007/s11032-012-9720-0>

This is author version post print archived in the official Institutional Repository of ICRISAT www.icrisat.org

LG1



PgPb11858

PgPb11990

Xipes0009

PgPb10444

PgPb11982

PgPb9205

PgPb6723

PgPb10705

StDW31 (2-12)
LDW31 (0-2)

LG1, 46

StDW28 (48-58)

LG1, 80

LDW31 (72-78)

SLW18 (98-106)

LG1, 130

TA21 (126-134)

StDW28 (16-24)

LG1, 80

StDW21 (72-78)

863B positive allele for grain mass, panicle harvest index and grain yield under drought
Bidinger et al. 2007

LG1, 200

LDW31 (198-202)
ShDW23 (180-194)
SLW31 (158-174)
LDWblup (198-208)
LA23 (184-196)

Environment specific allele for grain yield, and panicle harvest drought tolerance index
Yadav et al. 2002

Figure 1a

LG 7

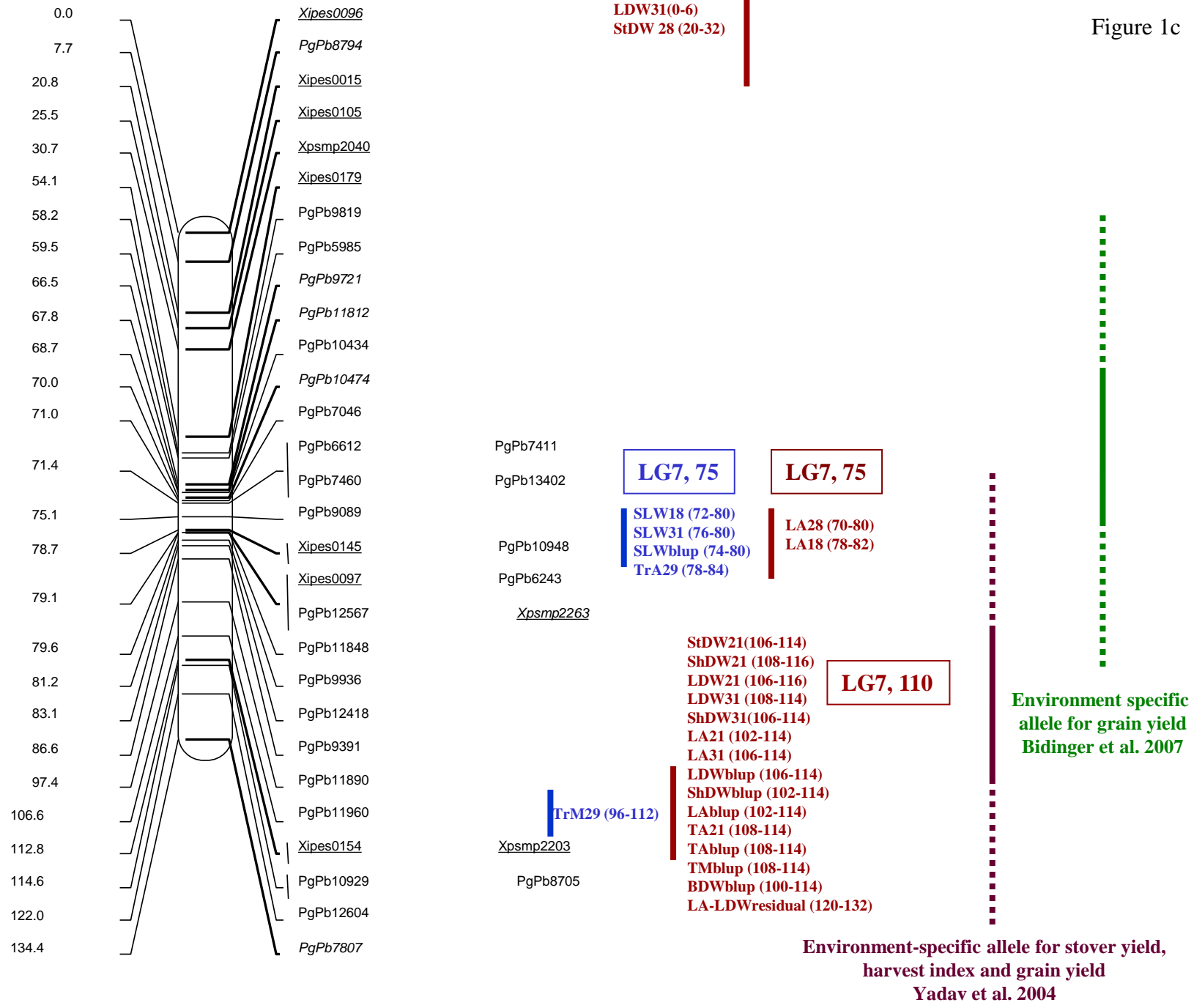


Figure 2

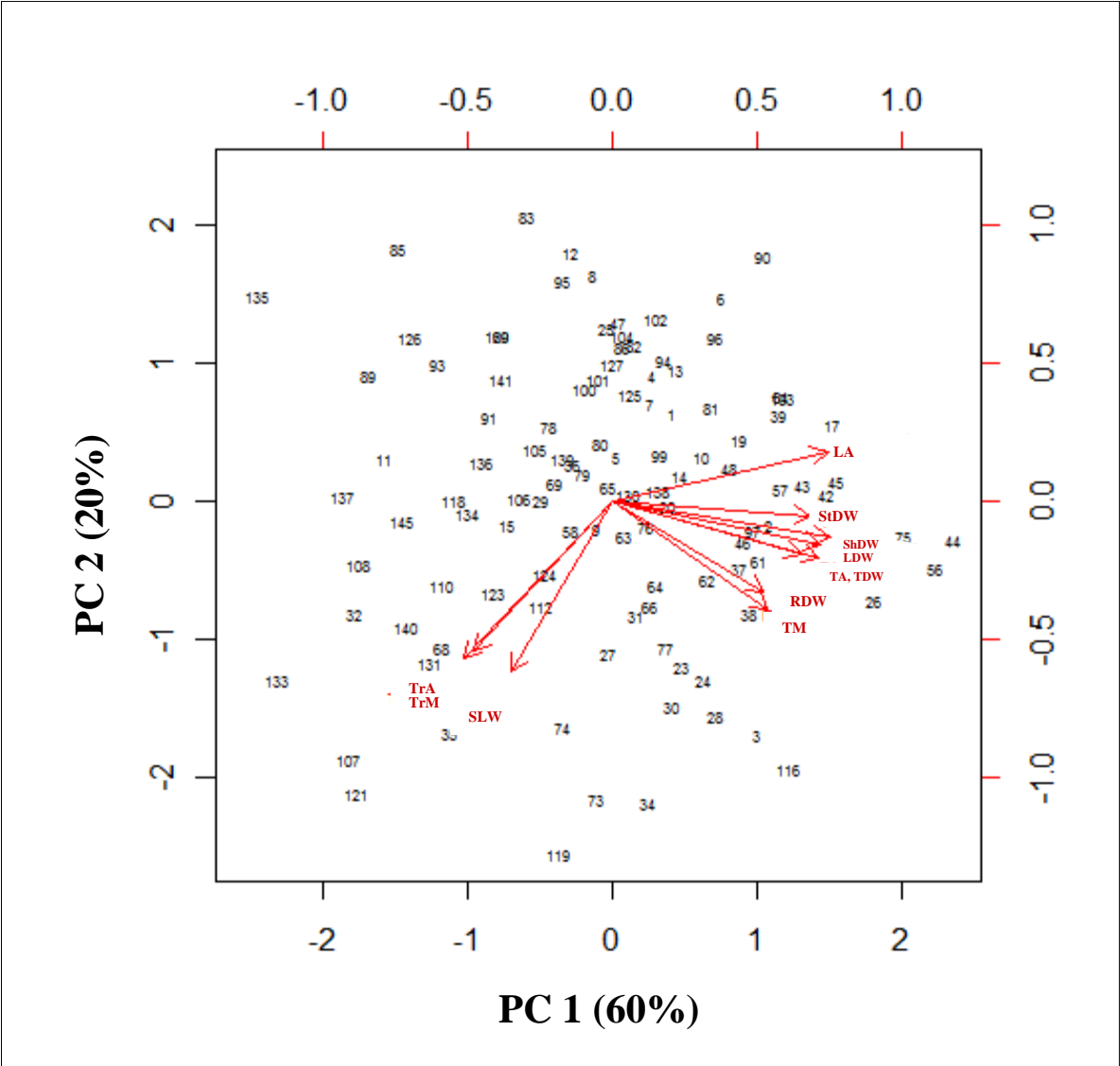


Figure 3a

Transpiration rate
(morning-M, afternoon-A)

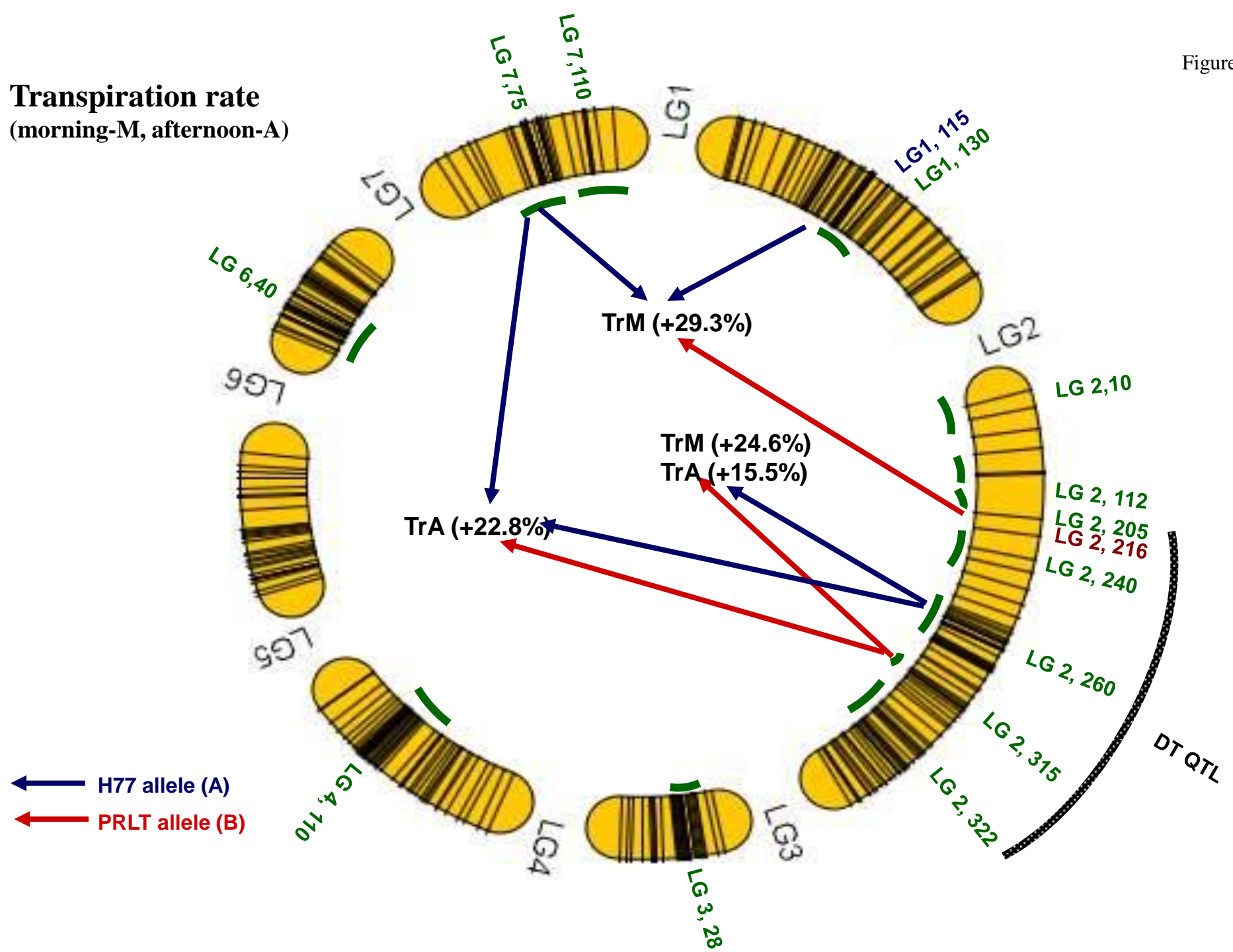


Figure 3b

Transpiration low VPD (6 strongest interactions)

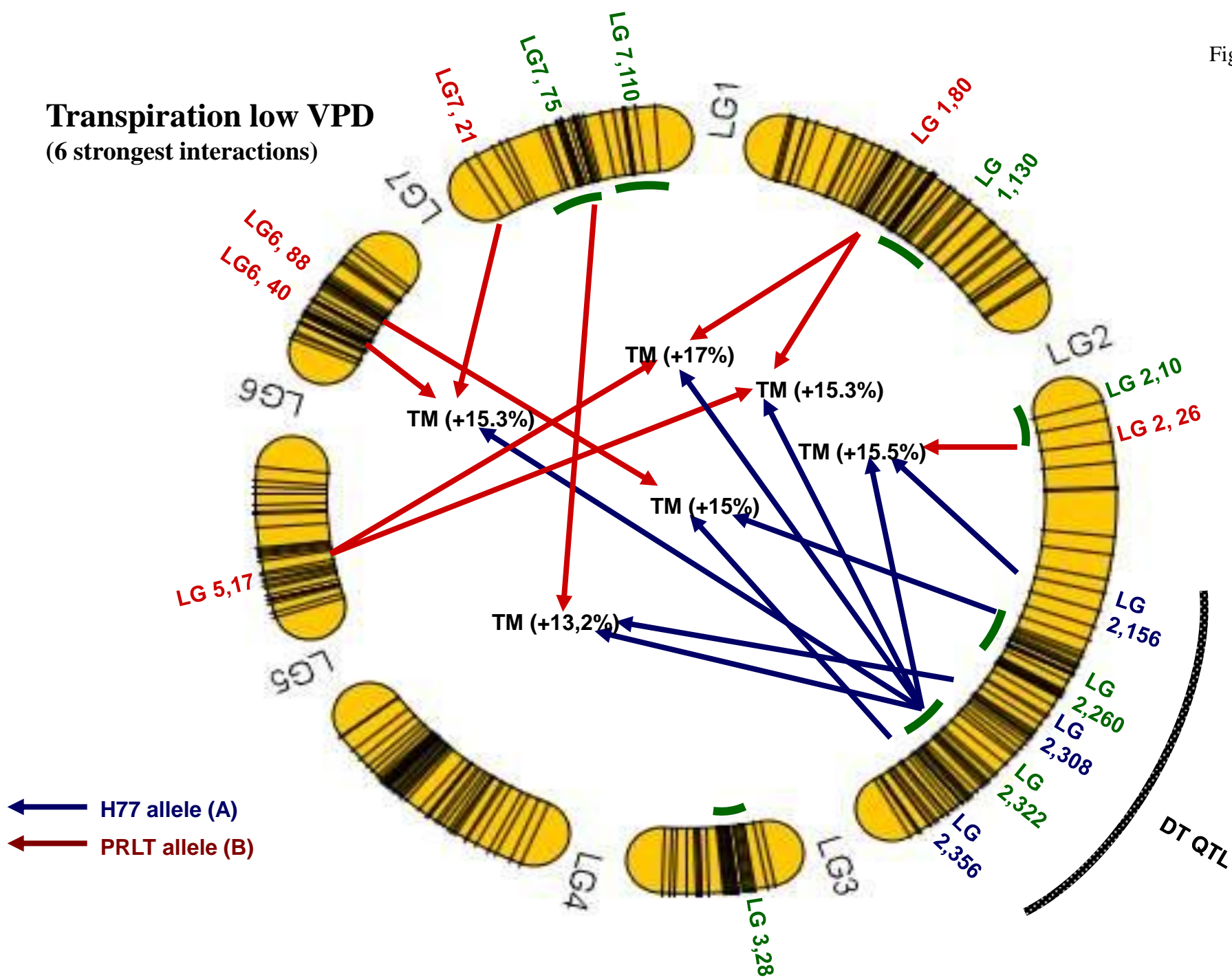


Figure 3c

Transpiration high VPD (5 strongest interactions)

