



Supplemental Fig. 1. Frequency distribution of different allelic combinations in different agro-climatic zones of India.

a/a = *Pina-D1a*, *Pinb-D1a*

a/b = *Pina-D1a*, *Pinb-D1b*

b/a = *Pina-D1b*, *Pinb-D1a*

a/e = *Pina-D1a*, *Pinb-D1e*

a/r = *Pina-D1a*, *Pinb-D1r*

v/a* = *Pina-D1v**, *Pinb-D1a*

w/a* = *Pina-D1w**, *Pinb-D1a*

*a/ad** = *Pina-D1a*, *Pinb-D1ad**

*b/ae** = *Pina-D1b*, *Pinb-D1ae**

*b/af** = *Pina-D1b*, *Pinb-D1af**

*b/ag** = *Pina-D1b*, *Pinb-D1ag**