

Table 3 Mean squares of quality traits resulted from the analysis of variance for different Pin alleles in the studied wheat cultivars. Protein content (PROT), Zeleny Number (ZELL), Bread Volume (BV), Hardness Index (HI), Water Absorption (WA)

Pin alleles	df	WA	HI	BV	ZELL	PROT
<i>Pina</i>	1	3.89*	39.54*	4075.0*	3.84 ^{NS}	1.19 ^{NS}
<i>Pinb</i>	1	0.06 ^{NS}	6.46 ^{NS}	28.0 ^{NS}	0.22 ^{NS}	0.01 ^{NS}
<i>Pina.Pinb</i>	1	1.33 ^{NS}	0.13 ^{NS}	1098.0 ^{NS}	0.45 ^{NS}	1.22 ^{NS}
Residual	76	0.635	6.83	613.4	3.46	0.446
Total	79	0.67	7.15	665.9	3.36	0.46

*, represent significant differences at 5% significant level

NS, represent non-significant differences