

Table 7 Relationship of positive and significant standard heterosis over SV₁ (NDR-359) and SV₂ (PB-1121) and SV₃ (Sarjoo 52) for grain yield with standard heterosis for other characters in 30 experimental hybrids

Hybrids	GY	DF	PH	PBT	FLL	FLW	FLA	PL	PW	S/P	G/P	SF	TW	KL	KB	L:B	BY	HI	
SV ₁ (NDR-359)																			
TJ-11010×PB-1	14.95	+	+	+	0	+	+	+	+	+	+	+	+	+	+	0	+	-	
TJ-11010×NDR-359	13.41	+	+	+	0	+	+	+	+	+	+	+	+	+	+	0	+	-	
TJ-11010×CSR-36	9.52	+	+	+	0	+	+	+	+	+	+	+	+	+	0	0	+	-	
SV ₂ (PB-1121)																			
TJ-11010×PB-1	107.86	+	+	+	-	+	+	0	+	+	+	0	+	0	+	-	+	+	
TJ-11010×NDR-359	105.07	+	+	+	-	+	+	0	+	+	+	0	+	0	+	-	+	0	
TJ-11010×CSR-36	98.04	0	+	+	-	+	+	0	+	+	+	0	+	0	+	-	+	+	
TJ-16081×NDR-359	78.76	0	+	+	+	+	+	0	+	+	+	0	+	0	+	-	+	0	
TJ-16081×PB-1	70.29	0	+	+	+	+	+	0	+	+	+	0	+	0	+	-	+	0	
TJ-16081×CSR-36	49.17	0	+	+	+	+	+	0	+	+	+	0	+	0	+	-	+	0	
TJ-5769×NDR-359	41.20	0	+	0	+	+	+	0	+	+	+	0	+	-	+	-	+	0	
TJ-10365×PB-1	40.10	0	+	-	0	+	+	-		+	+	0	+	-	+	-	0	+	
TJ-10365×NDR-359	38.19	+	+	-	0	+	+	0	+	+	+	0	+	-	+	-	+	0	
TJ-25892×PB-1	27.34	-	+	0	0	0	-	-	+	+	+	0	+	0	+	-	+	0	
SV ₃ (Sarjoo 52)																			
TJ-11010×PB-1	30.61	+	+	0	0	+	+	+	+	+	+	+	+	+	+	0	+	0	
TJ-11010×NDR-359	28.85	+	+	0	0	+	+	+	+	+	+	+	+	+	+	0	+	0	
TJ-11010×CSR-36	24.43	+	+	-	0	+	+	+	+	+	+	0	+	+	+	0	+	0	
TJ-16081×NDR-359	12.32	+	+	-	+	+	+	+	+	+	+	+	+	+	+	0	+	0	

Note: +: Significant and positive heterosis; -: Significant and negative heterosis; 0: Non-significant heterosis