



Skewed segregation ratios of markers have been

harbor allelic variation for meiotic drive elements. Segregation ratios of markers within SDR3 were skewed in favor of LDN-DIC 5B(742) alleles indicating that *T. turgidum* ssp. *dicoccoides* accession PI478742 carries a meiotic drive element within the region. This is contrary to the SDR1 and SDR2 regions in the IsAm and LDNm population, which were skewed in favor of LDN alleles. The mechanism underlying segregation distortion in SDR3 is likely similar to that of SDR1 in that competition among male gametes occurs leading to the preferential transmission of gametes carrying LDN-DIC 5B(742) alleles at this locus.

Conclusions

Faris JD, Haen KM, Gill BS (2000) Saturation mapping of a gene-rich

Stack RW, Elias EM, Mitchell Fetch J7dGe5M5lia23(5)-603(5)-603(h)823(5)-66(723)] TJET0.0073 Tc2226298 1493TL TwBT8.4 0 0 868.15935871 720