

**Table S1** Winter/spring growth habit in the 146 double haploid (DH) lines derived from the cross between durum wheat 'Lebsock' and *T. turgidum* subsp. *carthlicum* accession PI 94749 <sup>a</sup>

---

Spring DH lines with *Vrn-A1* and *Vrn-B1* alleles (31 lines):

---

LP749-6 LP749-7 LP749-13 LP749-16 LP749-22 LP749-27 LP749-29 LP749-37  
LP749-42 LP749-49 LP749-52 LP749-55 LP749-57 LP749-64 LP749-66 LP749-68  
LP749-71 LP749-80 LP749-81 LP749-85 LP749-87 LP749-89 LP749-90 LP749-92  
LP749-93 LP749-96 LP749-107 LP749-111 LP749-117 LP749-122 LP749-138

Spring DH lines with *Vrn-A1* and *vrn-B1* alleles (33 lines):

LP749-4 LP749-8 LP749-11 LP749-14 LP749-15 LP749-17 LP749-19 LP749-21  
LP749-32 LP749-33 LP749-39 LP749-41 LP749-44 LP749-50 LP749-60 LP749-62  
LP749-63 LP749-67 LP749-70 LP749-72 LP749-82 LP749-83 LP749-84 LP749-97  
LP749-109 LP749-113 LP749-114 LP749-120 LP749-126 LP749-130 LP749-139 LP749-140  
LP749-146

Spring DH lines with *vrn-A1* and *Vrn-B1* alleles (37 lines):

LP749-2 LP749-5 LP749-10 LP749-18 LP749-20 LP749-23 LP749-35 LP749-40  
LP749-43 LP749-47 LP749-54 LP749-56 LP749-58 LP749-59 LP749-65 LP749-73  
LP749-74 LP749-75 LP749-76 LP749-78 LP749-86 LP749-88 LP749-91 LP749-102  
LP749-103 LP749-104 LP749-108 LP749-110 LP749-116 LP749-118 LP749-123 LP749-124  
LP749-125 LP749-133 LP749-137 LP749-141 LP749-145

Winter DH lines with *vrn-A1* and *vrn-B1* alleles (45 lines):

LP749-1 LP749-3 LP749-9 LP749-12 LP749-24 LP749-25 LP749-26 LP749-28  
LP749-30 LP749-31 LP749-34 LP749-36 LP749-38 LP749-45 LP749-46 LP749-48  
LP749-51 LP749-53 LP749-61 LP749-69 LP749-77 LP749-79 LP749-94 LP749-95  
LP749-98 LP749-99 LP749-100 LP749-101 LP749-105 LP749-106 LP749-112 LP749-115  
LP749-119 LP749-121 LP749-127 LP749-128 LP749-129 LP749-131 LP749-132 LP749-134  
LP749-135 LP749-136 LP749-142 LP749-143 LP749-144

---

<sup>a</sup> *VRN-1* alleles carried by each line were verified through gene specific marker developed in this study.