

## First genetic linkage map of chilling injury susceptibility in peach (*Prunus persica* (L.) Batsch) fruit with SSR and SNP markers

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### **Abstract**

Peach and nectarine (*Prunus persica* L) are highly perishable; v j g " t k r g p " c p f " f g v g t k q t c v g " s w k m n { " c v " c o d k g p v " v g o r g t c w t g " U v q t c i g " c v " n q y " v g o r g t c w t g \* 2 6 7 Å E - k u " c e q o o q p " u t c v g i f " w u g f " v q " u n q y " v j g " t k r g p k p i " r t q e g u u g u " c p f " g z g p f k p i " u j g h n " h k h g f " J q y g x g t . " if susceptible varieties are held too long at a low temperature, v j g { " y k n n " p q v " t k r g p " r t q r g t n { " c p f " y k n n " f g x g n q r " e j k m n k p i " k p l w t { " \* E k " u { o r v q o u " n k m g " o g c n k p g u u . " t g u j " d t q y p k p i . " c p f " t g u j " d n g g f k p i 0 " Understanding the genetic control of these traits to produce E k " t g u k u v c p v " e w n v k x c t u " y k n n " i t g c v n { " d g p g L v " r t q f w e g t u . " u j k r r g t u " c p f " e q p u w o g t u 0 " O c r r k p i " c r r t q c e j " h q t " c " u g v " q h " 6 2 " e c p f k f c v g " genes (CGs) obtained after a transcriptomic analysis of peach between high tolerant and sensitivity to CI were used, to identify E k " e q p v t q n n k p i " i g p u " k p " R q r / F I " r t q i g p { " r q r w n c v k q p " c p f " E k / u w u e g r v k d n g " \* j g t o q | c + " c p f " e j k m n k p i " k p l w t / " t g u k u v c p v " \* q f g f + " r g c e j g u l 0 " C " u g v " q h " 3 6 4 " E I u " h t q o " f g v c k n g f " v t c p u e t k r v q o k e " c p c n { u k u " q h " v y q " f k " g t g p v " r g c e j " e w n v k x c t u " u w w f k g f " r t g x k q w u n { " c p f " c f f k v k q p c n " 3 2 " E I u " p q o k p c v g f " h t q o " r w d h k u j g f " y q t m u " c p f " t g x k g y " c t v k e g u " q h " r j f u k q n q i { " c p f " v t c p u e t k r v q o k e " u w w f { " q h " r g c e j " h t w k v " u w d l g e v g f " v q "

EK" ygtg "nqecnk|gf" "kp" "vjk" "uwf { "0" "Kp" "rtgugpv" "uwf" { "34" "E I u" "jcxg" "dggp" "o crrgf" "qp" "Rqr/F I" "rqrwnckqp" "ykv" : "UUT" "cpf" "48" "UPR" "o ctmgtu0

**Keywords:** Ejknknpipi klpwt{"\*Ekl+. ocrkpi."ecpfkfcvg" igpgu"  
\*E I u+."UPR"cpf"UUT

**Biography:** Ctwp "Rtcd jw" Fj cpcr cn" ku" c" Tgugctej "Uekgpvku" kp" vj g" Fkxkukqp" qh" Rncpv" Uekgpegu" Jku" o ckp" tgugctej" kpvtguvu" ctg" in the area of quantitative genetics, genomics and molecular dtggfkpi" Jg" jcu" yqtmgf" qp" ugxtcn" etqr" cpf" htwkv" urgeku" \*uwictecp." oknngvu." y jgev." uq{dgc." rgcej." cpf" mkyk+0" Jku" rtgugpv"tgugctej" ku" hqewuugf" qp" vjg" epcn{uku"qh" y cvgt" fgLekv" cpf" heat stress on soybean with emphasis on quantitative traits and wukpi" dkqgej pqlqi kec" cpf" i gpq oke" vqqnu" Jg" jcu" gzvgpukxg" gzrgtvug" kp" jki j" vjtqwij rrw" i gpqv{ rkp i" wukpi" UUT" cpf" UPR" o ctmgtu" igpgvke" f kxgtukv{"= rqrwnvcvq" igpgvkeu" ecp fkfcvg" i gpq" o cr rkp i" igpg" kfgpvk Lekvq" cpf" ejctcevgtk | cvkqp" I YCU" cpf" SVN" ocr rkp i" 0