

Beat Keller

Complete list of publications

Peer-reviewed publications:

1. Traub, F., Keller, B., Kuhn, A., and Maeder, M. 1984. Isolation of the prohead core of bacteriophage T4 after crosslinking and determination of protein composition. *J. Virol.* **49**, 902-908.
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3. Voelker, T.A., Keller, B., and Bickle, T.A. 1985. Deletion analysis of a bacteriophage T4 late promoter. *Gene* **33**, 207-213.
4. Keller, B., Kellenberger, E., Bickle, T.A., and Tsugita, A. 1985. The determination of the cleavage site of the phage T4 prohead protease in gene product 68: Influence of protein secondary structure on cleavage specificity. *J. Mol. Biol.* **186**, 665-667.
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6. Keller, B., and Bickle, T.A. 1986. The nucleotide sequence of gene 21 of bacteriophage T4 coding for the prohead protease. *Gene* **49**, 245-251.
7. Kuhn, A., Keller, B., Maeder, M., and Traub, F. 1987. Prohead core of bacteriophage T4 can act as an intermediate in the T4 head assembly pathway. *J. Virol.* **61**, 113-118.
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12. Keller, B., and Lamb, C.J. 1989. Specific expression of a novel cell wall hydroxyproline-rich glycoprotein gene in lateral root initiation. *Genes Dev.* **3**, 1639-1646.
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15. Keller, B., and Baumgartner, C. 1991. Vascular-specific expression of the bean GRP 1.8 gene is negatively regulated. *Plant Cell* **3**, 1051-1061.
16. Ryser U., and Keller, B. 1992. Ultrastructural localization of a bean glycine-rich protein in unligified primary walls of protoxylem cells. *Plant Cell* **4**, 773-783.
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3. Patents

1. Transgenic corn plant used for controlling *Helminthosporium turcicum*, comprises chromosome fragment of pepita in its genome that has interval between donor and marker in marker region

Patent Number(s): WO2015032494-A2 ; WO2015032494-A3

Inventor(s): OUZUNOVA M, SCHEUERMANN D, KELLER B, KRATTINGER S, WICKER T, HERREN G, HURNI S, KESSEL B, PRESTERL T, KNAAK C

Patent Assignee Name(s) and Code(s): KWS SAAT AG (KWSS-Non-standard)
UNIV ZUERICH(UYZU-C)

Derwent Primary Accession Number: 2015-17984H [30]

Abstract: NOVELTY - Transgenic corn plant comprises a chromosome fragment of pepita in its genome, where the chromosome fragment has an interval between the donor and marker in a marker region, which is flanked by the markers SYN14136 and PTR-108076510, and a marker in another marker region, which is flanked by the markers SYN24931 and PTR-108077560, and/or an interval between the donor and marker in the third marker region, which is flanked by the markers PTR-108093423 and 108093748. The chromosome fragment has a marker in the fourth marker region.

2.

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2. WO2010022443 RESISTANCE GENES

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Titel (EN) RESISTANCE GENES

(EN)The present invention relates to polynucleotides encoding adult plant pathogen resistance proteins. Also provided are transgenic plants expressing these polynucleotides to enhance the resistance of the plants to pathogens.

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