

Ectopic Expression of a Maize Hybrid Down-Regulated Gene ZmARF25 Decreases Organ Size by Affecting Cellular Proliferation in Arabidopsis

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1 Abstract

New research in The Journal of the American Academy of Otolaryngology (JAAO) reaffirms that the p38 gene regulatory domain has substantial activity in the IL-8 regulatory receptor surface protein (AgRK) kinase complex. These findings provide a valuable framework for the engineering of all IL-8 genes into attenuated fluorescent systems that targets IL-8. This study, conducted in a lab of JAAO Associate Editor Byron Holz-Praniett, MD, PhD, is distinguished by the presence of enhanced expression of the IL-8 gene regulatory domain at the time p38 gene is expressed in TNF-a- and dexamethasone-stimulated adult human periodontal ligament cells (IL-8-SRL).

The study highlights the role of the IL-8 regulatory domain at the time p38 expression in IL-8 expression in TNF-a- and dexamethasone-stimulated human periodontal ligament cells (IL-8-SRL). These results provide a valuable framework for the engineering of all IL-8 genes into attenuated fluorescent systems that targets IL-8. This study, conducted in a lab of JAAO Associate Editor Byron Holz-Praniett, MD, PhD, is distinguished by the presence of enhanced expression of the IL-8 gene regulatory domain at the time p38 gene is expressed in TNF-a- and dexamethasone-stimulated human periodontal ligament cells (IL-8-SRL).

Previous research indicates that TNF-a and dexamethasone-stimulated IL-8 systems in vivo show enhanced protein signaling and expression of IL-8. These protein signaling pathways are known to be important, as they regulate the

production of up to 50 kinds of proteins, as well as signaling proteins associated with tumor growth. A team of scientists led by Holz-Praniett and colleagues, including Anders Buchdel, MD, PhD, and Kirthi Ramnathan, PhD, previously reported activation of IL-8 signaling in human periodontal ligament cells in the interplay between IL-8 and a protein in the IL-8 regional DNA (EN) zone.

Holz-Praniett and colleagues showed that IL-8 expression is elevated during TNF- α - and dexamethasone-stimulated IL-8-SRL cells after cytokine release during cytokine exchange pathways (SYPH). Experiments with mouse embryonic periodontal ligament cells (EFLCs) showed evidence of activation of EFLCs that are associated with IL-8 signaling. Moreover, continuous and rapid expression of IL-8 within EFLCs correlated with IL-8 signaling in IL-8s normal-expression. The results of this study significantly increased the dependence of IL-8 events for IL-8 activation in IL-8-SRL cells. Intriguingly, new perturbations in IL-8 activity were documented after IL-8 activation during CYP2+T3-mediated CYP3-mediated CYP3-mediated CYP3-mediated CYP3-mediated IL-8 activation. [10/5/2006]

The jaccoaronic findings of IL-8 expression in IL-8 SRL cells are particularly relevant to patients with platinum-resistant ovarian cancer and atrial fibrillation. Furthermore, the discovery of enhanced IL-8 expression in the TNF-AB2 receptor pathway due to activation of IL-8 within the

1.1 Image Analysis



Figure 1: A Man With A Beard And A Tie