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783 Identification of Wheat Gene Sr35 That Confers Resistance to Ug99 Stem Rust Race Group 
C. Saintenac et al.
Two resistance genes are identified that could protect wheat from a virulent fungus that can severely reduce crop yields.

786 The Gene Sr33, an Ortholog of Barley 
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789 A Long Noncoding RNA Mediates Both Activation and Repression of Immune Response Genes 
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792 Cleavage of Fibrinogen by Proteinases Elicits Allergic Responses Through Toll-Like Receptor 4 
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Allergic inflammation requires proteinase-dependent cleavage of fibrinogen that activates innate immunity through Toll-like receptor 4.

796 Recurrent Insect Outbreaks Caused by Temperature-Driven Changes in System Stability 
W. A. Nelson et al.
Seasonal temperature changes destabilize population cycles in the tea tortrix moth and drive the timing of pest outbreaks.

800 A Gut Lipid Messenger Links Excess Dietary Fat to Dopamine Deficiency 
L. A. Tellez et al.
In mice, a high-fat diet functionally disrupts a gut lipid that controls the brain’s perception of the reward value of food.