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Several specific genes in wheat confer resistance to common fungal diseases.
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Leucine-Rich Repeat Protein Complex Activates Mosquito Complement in Defense Against Plasmodium Parasites
M. Povelones et al.
A family of molecules, apparently unique to mosquitoes, binds to invading parasites and initiates innate immune responses.
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Rare Variants of IFIH1, a Gene Implicated in Antiviral Responses, Protect Against Type 1 Diabetes
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Deep resequencing revealed rare alleles that were significantly associated with protection from diabetes.
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Exomic Sequencing Identifies PALB2 as a Pancreatic Cancer Susceptibility Gene
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CD24 and Siglec-10 Selectively Repress Tissue Damage–Induced Immune Responses
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A signaling pathway involving an immune protein protects cells against the potentially fatal immune response induced by tissue damage.
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J. Schlessinger and A. M. VanHook
Autophosphorylation events that control the activity of the FGF receptor are kinetically controlled and disrupted by a mutation associated with glioblastoma.
10.1126/science.1171400

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Perspective: How Perfect Can Protein Interacts Me?
E. D. Levy et al.
Evolutionary noise in protein-protein interactions implies that not all interactions must be functional.

Podcast
J. Schlessinger and A. M. VanHook
Autophosphorylation events that control the activity of the FGF receptor are kinetically controlled and disrupted by a mutation associated with glioblastoma.

Glossary
Find out what DARC, SFK, and QTL mean in the world of cell signaling.

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SAMI SARKIS/PHOTOGRAPHER’S CHOICE/GETTY IMAGES; (SCIENCE SIGNALING) The Signal Transduction Knowledge Environment

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H. Saito et al.
Identification of mammalian olfactory receptor agonists enables development of a predictive model of receptor activation.

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