846 Dosage Compensation via Transposable Element Mediated Rewiring of a Regulatory Network
C. E. Ellison and D. Bachtrog
Transposable elements facilitated functional specialization of recently evolved X chromosomes in fruit flies.

>> Perspective p. 812

850 High-Resolution Global Maps of 21st-Century Forest Cover Change
M. C. Hansen et al.
Landsat data reveals details of forest losses and gains across the globe on an annual basis from 2000 to 2012.

853 Changes in Cytoplasmic Volume Are Sufficient to Drive Spindle Scaling
J. Hazel et al.
Cytoplasmic Volume Modulates Spindle Size During Embryogenesis
M. C. Good et al.
Microfluidic techniques reveal how mitotic spindle size is regulated by titratable cytosolic factors.

860 ERF115 Controls Root Quiescent Center Cell Division and Stem Cell Replenishment
J. Heyman et al.
Restrained growth of a key root tip region involves an interplay between hormonal activation and transcription factor levels.

863 Staphylococcus aureus Degrades Neutrophil Extracellular Traps to Promote Immune Cell Death
V. Thammavongsa et al.
Enzymes secreted by a bacterial pathogen turn immune responses against themselves.

866 Phosphoinositide 3-Kinase δ Gene Mutation Predisposes to Respiratory Infection and Airway Damage
I. Angulo et al.
Gene sequencing of unrelated patients with recurrent airway infections identifies a common underlying mutation.

871 Complete Mitochondrial Genomes of Ancient Canids Suggest a European Origin of Domestic Dogs
O. Thalmann et al.
Ancient DNA suggests that dog domestication was complex and likely originated in Europe.

>> News story p. 785; Science Podcast