

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
High throughput DNA sequencing to diagnose hereditary hearing loss	High throughput DNA sequencing could be used to rapidly diagnose hereditary hearing loss. In samples from 9 patients with hearing loss, 54 genes known to be involved in hereditary deafness were sequenced, and deafness mutations were found in 8 of the patients. Next steps include decreasing the cost of the technique by using molecular barcoding and multiplexing of samples. SciBX 3(48); doi:10.1038/scibx.2010.1457 Published online Dec. 16, 2010	Patent and licensing status undisclosed	Shearer, A.E. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Nov. 15, 2010; doi:10.1073/pnas.1012989107 Contact: Richard J.H. Smith, University of Iowa, Iowa City, Iowa e-mail: richard-smith@uiowa.edu