

This week in therapeutics

| Indication | Target/marker/pathway | Summary | Licensing status | Publication and contact information |
|---------------|-----------------------|---|---|--|
| Cancer | | | | |
| Cancer | Not applicable | <p>A genomic study of human tumor samples identified multiple new potential targets for cancer therapy. In tissues from 441 primary human breast, lung, ovarian and prostate tumors, sequencing of 1,506 cancer-associated or druggable genes identified 2,576 somatic mutations, 95% of which had not been previously reported. An integrated analysis of genes with frequent protein-altering somatic mutations or significant copy number alterations identified 112 putative oncogenes or tumor suppressors. Next steps include functionally validating candidate drug targets.</p> <p>SciBX 3(30); doi:10.1038/scibx.2010.917 Published online Aug. 5, 2010</p> | Patent and licensing status undisclosed | <p>Kan, Z. <i>et al. Nature</i>; published online July 28, 2010; doi:10.1038/nature09208 Contact: Somasekar Seshagiri, Genentech Inc., South San Francisco, Calif. e-mail: seshagiri.somasekar@gene.com</p> |