

Supplementary Table 2: Cancer Gene Lists. Cancer related genes that were used to generate a comprehensive list (allOnco) that is comprised of the union of all lists. The lists have been selected from the datasets available in the file "allOnco.tsv" downloaded from the url <http://www.bushmanlab.org/links/genelists>. Only lists with more than 50 genes have been retained. Since the file has been downloaded the web page has changed and this file is not available anymore, although new version of the file can be found in the site.

Set	Size	Species	Description
Atlas	989	human	"Genes: hybrid gene found in at least one cancer case, or gene amplification or homozygous deletion found in a significant subset of cases in a given cancer-type."
CANgenes	189	human	191 common genes that were mutated at significant frequency in all tumors of human breast and colorectal cancers.
CIS (RTCGD)	587	multiple	Retroviral insertional mutagenesis in mouse hematopoietic tumors.
Miscellaneous	187	multiple	From <i>Cold Spring Harbor Retroviruses</i> Chapter on Oncogenes, an early version of the CIS database, a list from Dr. Tony Hunter, and misc. additions from the literature.
Sanger	452	human	Compilation from literature: "genes that are mutated and causally implicated in cancer development"
Vogelstein	420	human	Cancer genes related to chromosomal breakpoints