

**TP53: an oncogene in disguise**

Thierry Soussi and Klas G. Wiman

**Supplementary Figure 1:**

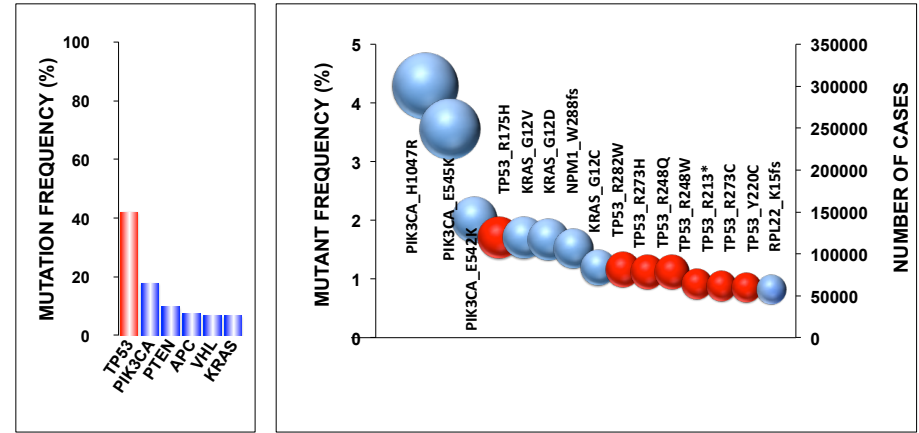
Left panel: Genes most frequently mutated in all types of cancer in the Pan-Cancer study. Only the top six genes are shown in the graph. Right panel: most frequent protein variants in all types of cancer in the Pan-Cancer study. Left Y axis: mutant variant frequency; Right Y axis: number of worldwide cancer cases associated with the different variants.

A: analysis was performed with the twelve types of cancer included in the PAN-CANCER study.

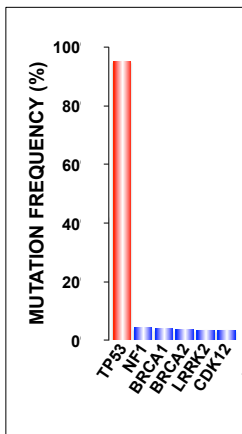
B to G: same analysis for each type of cancer of the PAN-CANCER study.

Data were generated by analysis of the mutations released by the Cancer Genome Atlas (TCGA) (<http://www.cbioportal.org>, and <http://cbio.mskcc.org/index.html>). Cancer cases were estimated using year 2008 data from Globocan (<http://globocan.iarc.fr/>).

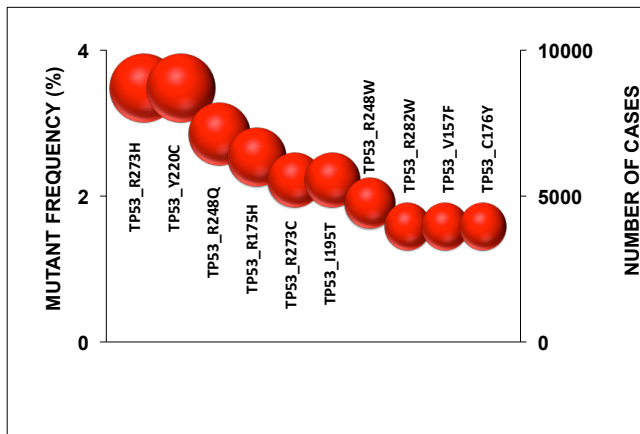
**A**



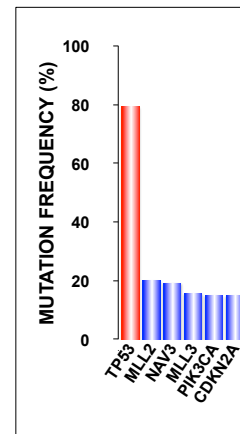
**B**



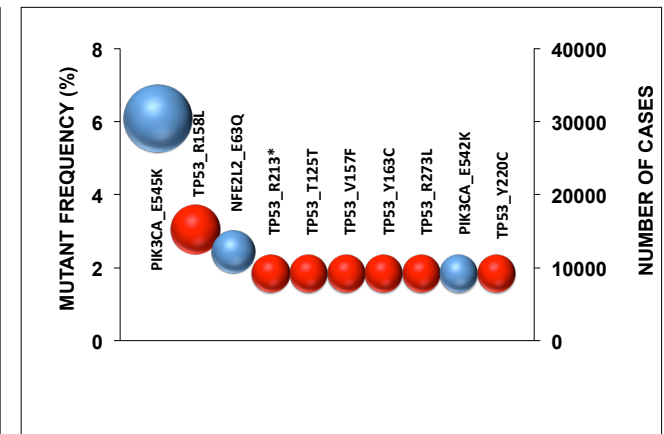
**OV**

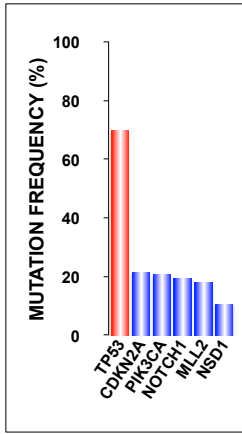
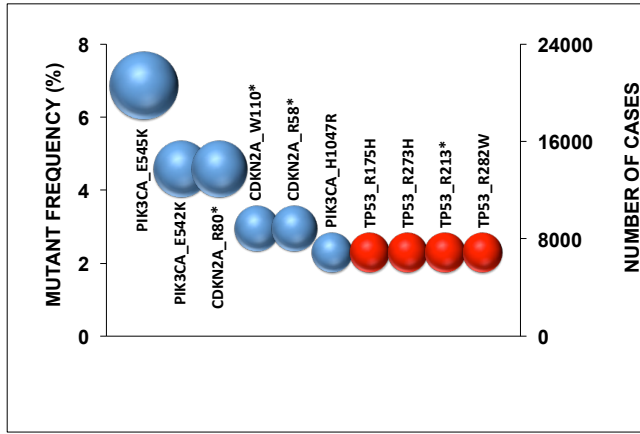
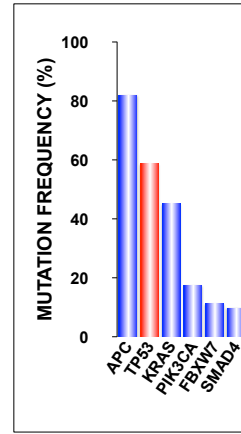
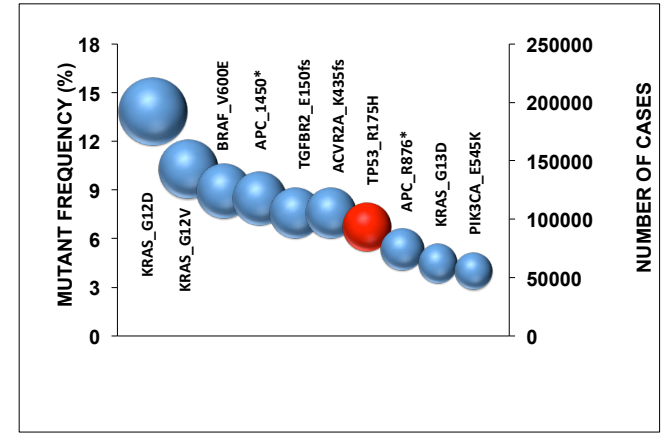
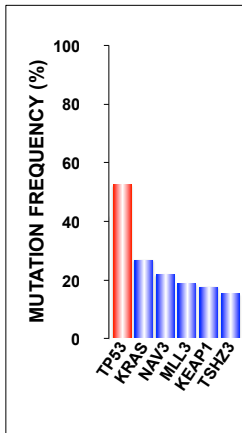
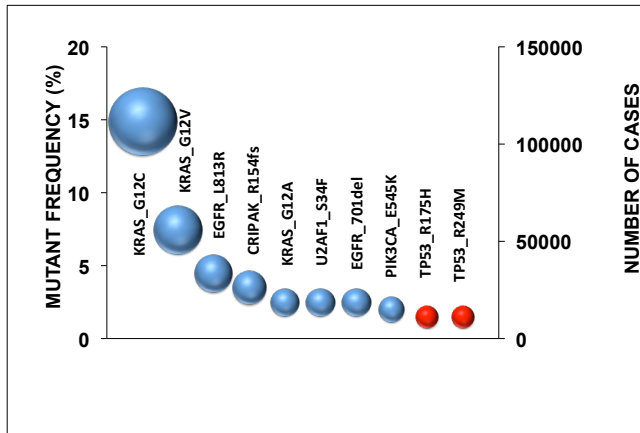
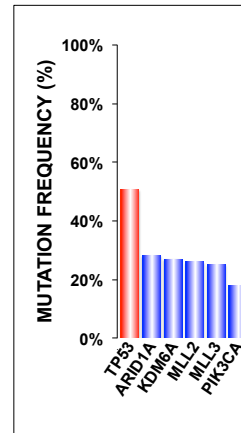
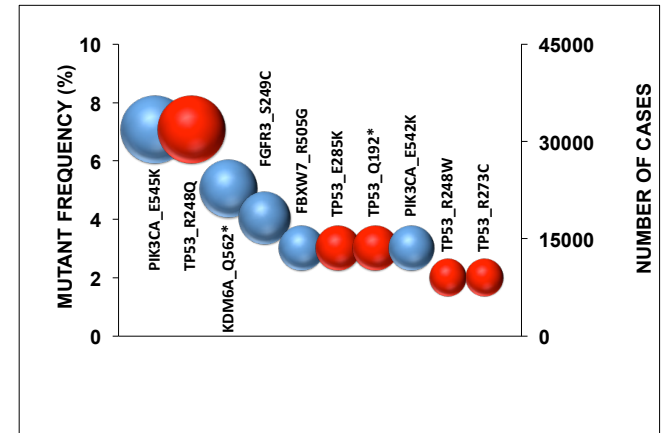


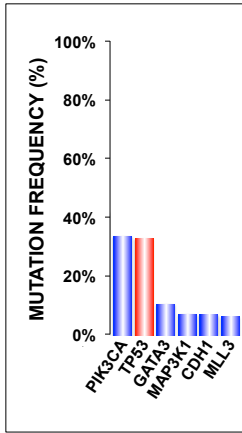
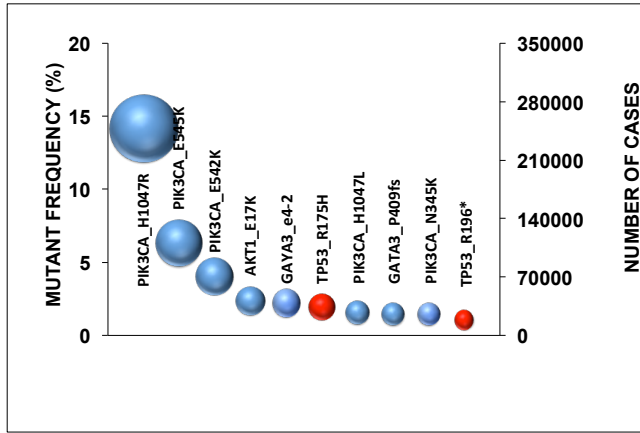
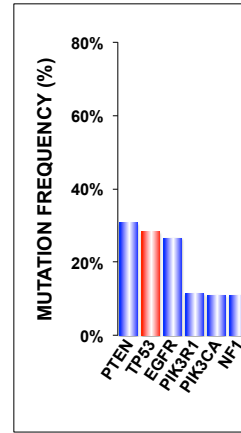
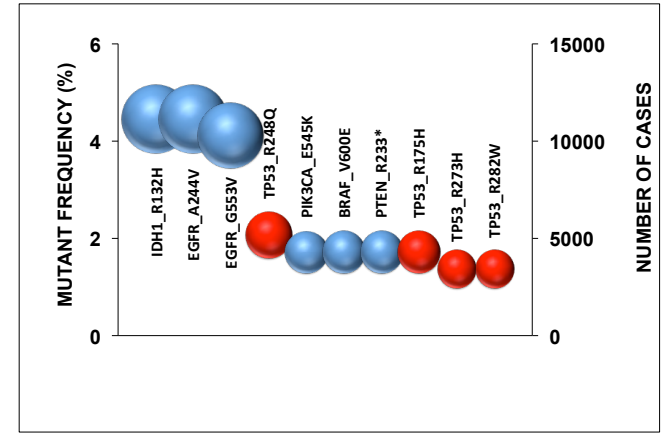
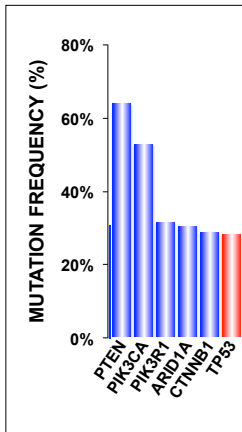
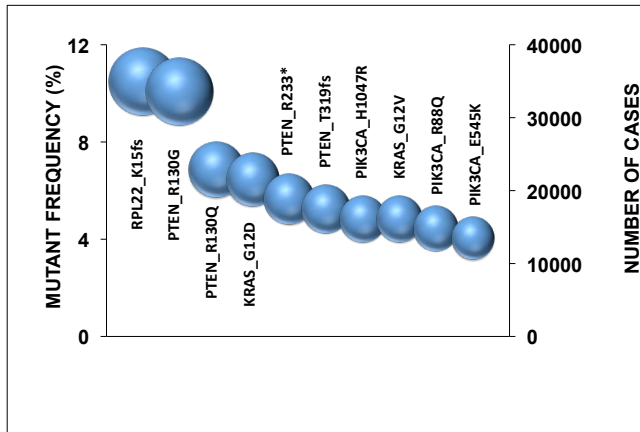
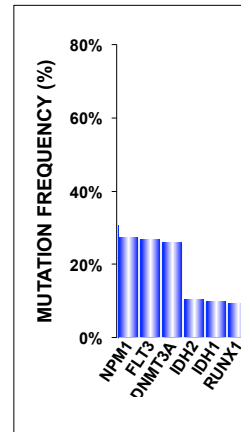
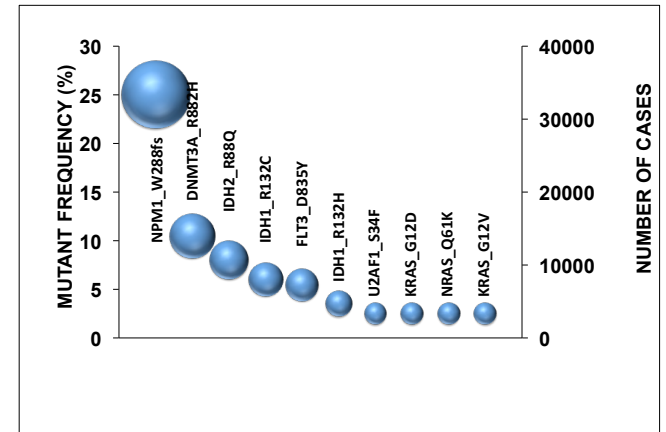
**C**



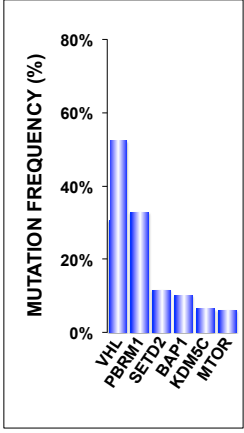
**LUSC**



**D****HNSC****E****COAD/READ****F****LUAD****G****LUCA**

**H****BRCA****I****GBM****J****UCEC****K****LAML**

L



KIRC

