Correction

Correction: Inferring the Temporal Order of Cancer Gene Mutations in Individual Tumor Samples

The PLOS ONE Staff

There are errors in Table 2. Some numbers in the fourth column (Rate) are misplaced. The authors have provided a corrected table below.

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Table 2. The type of a cancer gene and its probability-weighted times of starting an order with a probability greater than random chance.

Gene	Type	Times	Rate	Gene	Type	Times	Rate
TP53	s	484.732	0.844	XPO1	o	1	0.077
APC	s	117.471	0.675	TIF1	o	1	0.125
PIK3CA	o	31.97	0.381	ERCC5	s	1	0.083
MLL3	s	26.927	0.481	ELN	o	1	0.125
KRAS	o	24.093	0.223	LRIG3	o	1	0.167
MLL2	s	20.235	0.355	LMO1	o	1	0.5
CREBBP	s/o	17.294	0.402	ASPSCR1	o	1	1
ATM	s	14.404	0.4	NCOA1	o	1	0.143
ARID1A	s	13.625	0.296	SRSF2	o	1	0.5
NPM1	s	12.96	0.48	CBL	s/o	1	0.2
EZH2	s	10.733	0.335	MYD88	o	1	0.125
CIC	s	10.649	0.41	NUP98	o	1	0.01
ARID2	s	8.699	0.335	PTPN11	o	1	0.2
ROS1	o	7.888	0.316	CDH1	s	0.999	0.062
TET2	s	7.049	0.441	PER1	o	0.999	0.125
WT1	s	7.027	0.502	MEN1	s	0.999	0.1
CTNNB1	o	6.862	0.114	PRDM1	s	0.999	0.125
PBRM1	s	6.854	0.685	IL21R	o	0.998	0.25
PTEN	s	6.801	0.235	MUC1	o	0.997	0.332
BRAF	o	5.988	0.23	PIK3R1	s	0.997	0.066
NOTCH2	o	5.907	0.281	TRIP11	o	0.996	0.1
MYST4	o	5.492	0.25	ITK	o	0.995	0.059
SMARCA4	s	5.45	0.156	NCOA2	o	0.995	0.199
DNMT3A	s	5.293	0.23	BCOR	s	0.995	0.059
ASXL1	s	5.064	0.362	TSHR	o	0.995	0.124
MYH9	o	4.988	0.416	MAP2K4	s	0.994	0.076
KDM5A	o	4.987	0.623	GNAS	o	0.994	0.062
NSD1	o	4.965	0.414	MSH2	s	0.993	0.199
MYH11	o	4.561	0.198	SRGAP3	o	0.993	0.165
BCL2	o	4.165	0.116	FGFR2	o	0.992	0.142
RET	o	3.991	0.333	FANCD2	s	0.991	0.33
EP300	s	3.991	0.174	MET	o	0.991	0.099
ALK	o	3.972	0.306	EWSR1	o	0.991	0.142
PHF6	s	3.264	0.297	BRIP1	s	0.99	0.165
BLM	s	3.076	0.22	SETD2	s	0.99	0.062
IDH2	o	3	0.214	BCL6	o	0.989	0.11
COL1A1	o	2.997	0.231	WHSC1	o	0.985	0.123
GNA11	o	2.996	0.749	BAP1	s	0.983	0.089
SF3B1	o	2.993	0.136	ETV6	o	0.953	0.136
TPR	o	2.987	0.373	FLI1	o	0.902	0.18
CDH11	o	2.987	0.187	DNM2	s	0.89	0.064
PDGFRA	o	2.971	0.186	BCR	o	0.888	0.296
MLL	o	2.847	0.142	VHL	s	0.818	0.055
KIT	o	2.59	0.173	FANCC	s	0.711	0.711
MED12	o	2.514	0.168	MAF	o	0.682	0.341
FBXW7	s	2.428	0.069	RUNX1	o	0.65	0.043
RB1	s	2.204	0.092	CARD11	o	0.5	0.019
LIFR	o	2.175	0.128	LHFP	o	0.5	0.167
AKAP9	o	2.156	0.108	NUMA1	o	0.453	0.032

Table 2. Cont.

Gene	Type	Times	Rate	Gene	Type	Times	Rate
<i>NRAS</i>	<i>o</i>	2.037	0.06	<i>SUZ12</i>	<i>o</i>	0.397	0.066
<i>EGFR</i>	<i>o</i>	2	0.154	<i>KIAA1549</i>	<i>o</i>	0.319	0.106
<i>JAK2</i>	<i>o</i>	2	0.2	<i>NCOA4</i>	<i>o</i>	0.314	0.157
<i>PALB2</i>	<i>s</i>	1.991	0.153	<i>FHIT</i>	<i>o</i>	0.257	0.086
<i>NF1</i>	<i>s</i>	1.989	0.071	<i>TNFAIP3</i>	<i>s</i>	0.254	0.023
<i>JAK1</i>	<i>o</i>	1.986	0.397	<i>NFKB2</i>	<i>o</i>	0.22	0.11
<i>PRDM16</i>	<i>o</i>	1.97	0.246	<i>MDM4</i>	<i>o</i>	0.198	0.066
<i>CAMTA1</i>	<i>o</i>	1.703	0.122	<i>H3F3A</i>	<i>o</i>	0.197	0.197
<i>NOTCH1</i>	<i>o</i>	1.681	0.06	<i>HIP1</i>	<i>o</i>	0.196	0.028
<i>CCND2</i>	<i>o</i>	1.628	0.543	<i>SUFU</i>	<i>s</i>	0.188	0.047
<i>SMARCB1</i>	<i>s</i>	1.601	0.133	<i>SBDS</i>	<i>s</i>	0.184	0.092
<i>NF2</i>	<i>s</i>	1.5	0.3	<i>JAK3</i>	<i>o</i>	0.144	0.013
<i>FOXP1</i>	<i>o</i>	1.5	0.15	<i>HOOK3</i>	<i>o</i>	0.11	0.026
<i>CD74</i>	<i>o</i>	1.499	0.75	<i>TCF7L2</i>	<i>o</i>	0.094	0.006
<i>CCND3</i>	<i>o</i>	1.404	0.14	<i>EIF4A2</i>	<i>o</i>	0.069	0.007
<i>PIM1</i>	<i>o</i>	1.402	0.175	<i>ERBB2</i>	<i>o</i>	0.06	0.003
<i>SLC45A3</i>	<i>o</i>	1.384	0.154	<i>ZNF331</i>	<i>o</i>	0.052	0.013
<i>IL7R</i>	<i>o</i>	1.27	0.159	<i>C15orf55</i>	<i>o</i>	0.046	0.011
<i>BTG1</i>	<i>o</i>	1.174	0.196	<i>HOXA11</i>	<i>o</i>	0.045	0.015
<i>ZNF521</i>	<i>o</i>	1.148	0.057	<i>PHOX2B</i>	<i>s</i>	0.018	0.006
<i>PDE4DIP</i>	<i>o</i>	1.099	0.061	<i>PCM1</i>	<i>o</i>	0.008	0.002
<i>MSH6</i>	<i>s</i>	1.017	0.17	<i>MALT1</i>	<i>o</i>	0.003	0.001
<i>LMO2</i>	<i>o</i>	1	0.5	Total		1034.4	

s: tumor-suppressor gene, *o*: oncogene. The ratios of the summed frequencies of *s*, *o*, and *s/o* to the total are 0.775, 0.207 and 0.018, respectively. Rate is the ratio of Times to the gene's total mutation number in the samples in question.
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Reference

1. Guo J, Guo H, Wang Z (2014) Inferring the Temporal Order of Cancer Gene Mutations in Individual Tumor Samples. PLoS ONE 9(2): e89244. doi:10.1371/journal.pone.0089244