S2 Table. Quality of reporting across time in each journal: percent (%)

		Cell			*Nature*		
		2013	**2015**	*p*-value [a]	**2013**	**2015**	*p*-value [b]
Description of animals							
Source	Not reported	15	15	0.9011	20	20	> 0.9999
	Some reported	20	30		35	35	
	All reported	65	55		45	45	
Species	All reported	100	100	N/A	100	100	N/A
Strain	Some reported	0	0	N/A	10	5	> 0.9999
	All reported	100	100		90	95	
Sex	Not reported	55	30	0.1626	50	15	0.0625
	Some reported	15	10		10	20	
	All reported	30	60		40	65	
Age	Not reported	5	15	0.4128	5	5	0.1818
	Some reported	15	25		25	5	
	All reported	80	60		70	90	
Genetic modification [c]	Some reported	0	11	0.4866	6	0	> 0.9999
	All reported	100	89		94	100	
Committee approval	Not reported	10	5	> 0.9999	5	5	> 0.9999
	Reported	90	95		95	95	
Statistics							
Definition of statistical tests	Not reported	5	0	0.2351	0	0	> 0.9999
	Some reported	10	30		10	10	
	All reported	85	70		90	90	
One-sided vs. Two-sided	Not reported	60	55	> 0.9999	35	30	> 0.9999
	Some reported	20	20		10	10	
	All reported	20	25		55	60	
Exact value of sample size	Not reported	5	5	> 0.9999	0	0	> 0.9999
	Some reported	50	45		45	40	
	All reported	45	50		55	60	
Definition of center/dispersion	Some reported	20	0	0.1060	5	20	0.3416
	All reported	80	100		95	80	
Replicates							
# of independent experiments	Not reported	30	25	0.0237	20	0	0.0796
	Some reported	65	35		45	40	
	All reported	5	40		35	60	
Biological vs. Technical replicates	Not reported	15	5	0.2044	10	0	0.3341
	Some reported	80	70		65	60	
	All reported	5	25		25	40	
Avoiding Bias							
Randomization	Not reported	95	100	> 0.9999	85	15	<.0001
	Reported, but not performed	5	0		0	40	
	Reported and performed	0	0		15	45	

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		Cell 2013	Cell 2015	P[a]	Nature 2013	Nature 2015	P[b]
Blinding	Not reported	95	70	0.0915	65	0	<.0001
	Reported, but not performed	0	0		0	55	
	Reported and performed	5	30		35	45	
Precision							
Sample-size estimation	Not reported	100	100	N/A	95	25	<.0001
	Reported, but not performed	0	0		0	30	
	Reported and performed	0	0		5	45	

n=20 for each group (Total n=80); *P* values by Fisher's exact test; N/A, not applicable
[a] Comparison between *Cell* 2013 and *Cell* 2015; [b] Comparison between *Nature* 2013 and *Nature* 2015; [c] n=16 for *Cell* 2013, n=18 for *Cell* 2015, n=18 for *Nature* 2013, and n=14 for *Nature* 2015