	orresponding Author Name: anuscript Number:	
Re	eporting Checklist	
info	nis checklist is used to ensure good reporting standards a formation, please read the journal's Guide to Authors.  Check here to confirm that the following information is	and to improve the reproducibility of published results. For more available in the Material & Methods section:
	<ul> <li>a description of the sample collection allowing technical or biological replicates (including head a statement of how many times the experiment of the definitions of statistical methods and measure appropriate, instead plot individual data point of the very common tests, such as t-test, significant collections.</li> </ul>	nent shown was replicated in the laboratory; ures: (For small sample sizes (n<5) descriptive statistics are not onts) imple χ² tests, Wilcoxon and Mann-Whitney tests, can be only, but more complex techniques should be described in the comparisons?  comparisons?  comparison mean;
incl		are reported <b>in the manuscript itself.</b> We encourage you to atistics, reagents and animal models. Below, provide the page
Sta	atistics and general methods R	eported in section/paragraph or page #
1.	How was the sample size chosen to ensure adequate power to detect a pre-specified effect size? (Give section/paragraph or page #)	
For	or animal studies, include a statement about sample size estimate even if no statistical methods were used.	
2.	Describe inclusion/exclusion criteria if samples or animals were excluded from the analysis. Were the criteria pre-established? (Give section/paragraph or page #)	
3.	If a method of randomization was used to determine how samples/animals were allocated to experimental groups and processed, describe it. (Give section/paragraph or page #)	
For	or animal studies, include a statement about randomization even if no randomization was	

used.

4.	If the investigator was blinded to the group allocation during the experiment and/or when assessing the outcome, state the extent of blinding. (Give section/paragraph or page #)		
For animal studies, include a statement about blinding even if no blinding was done.			
5.	For every figure, are statistical tests justified as appropriate?		
Do the data meet the assumptions of the tests (e.g., normal distribution)?			
Is there an estimate of variation within each group of data?			
	ne variance similar between the groups that are being statistically compared? (Give section/paragraph or page #)		
Reagents		Reported in section/paragraph or page #	
6.	Report the source of antibodies (vendor and catalog number)		
7.	Identify the source of cell lines and report if they were recently authenticated (e.g., by STR profiling) and tested for mycoplasma contamination		
Animal Models		Reported in section/paragraph or page #	
8.	Report species, strain, sex and age of animals		
9.	For experiments involving live vertebrates, include a statement of compliance with ethical regulations and identify the committee(s) approving the experiments.		
10.	<ol> <li>We recommend consulting the ARRIVE guidelines (<u>PLoS Biol. 8(6)</u>, e1000412,2010) to ensure that other relevant aspects of animal studies are adequately reported.</li> </ol>		

Human subjects		Reported in section/paragraph or page #		
11.	Identify the committee(s) approving the study protocol.			
12.	Include a statement confirming that informed consent was obtained from all subjects.			
13.	For publication of patient photos, include a statement confirming that consent to publish was obtained.			
14.	Report the clinical trial registration number (at <u>ClinicalTrials.gov</u> or equivalent).			
15.	15. For phase II and III randomized controlled trials, please refer to the CONSORT statement and submit the CONSORT checklist with your submission.			
16.	16. For tumor marker prognostic studies, we recommend that you follow the REMARK reporting guidelines.			
Dat	a deposition	Reported in section/paragraph or page #		
17.	Provide accession codes for deposited data.  Data deposition in a public repository is mandatory for:  a. Protein, DNA and RNA sequences  b. Macromolecular structures  c. Crystallographic data for small molecules  d. Microarray data			
Deposition is strongly recommended for many other datasets for which structured public repositories exist; more details on our data policy are available in the Guide to Authors. We encourage the provision of other source data in supplementary information or in unstructured repositories such as <u>Figshare</u> and <u>Dryad</u> . We encourage publication of Data Descriptors (see <u>Scientific Data</u> ) to maximize data reuse.				
18.	If computer code was used to generate results that are central to the paper's conclusions, include a statement in the Methods section under "Code availability" to indicate whether and how the code can be accessed. Include version information as necessary and any restrictions on availability.			