nature

nature research	Corresponding author(s):	DBPR NBT-RA56566
	Last updated by author(s):	Mar 25, 2022
Editorial Policy Checklist		
This form is used to ensure compliance with Nature Research editorial policies please see our <u>editorial policies</u> site. All relevant questions on the form must b		reproducibility. For further information,
Competing interests		
Policy information about <u>competing interests</u>		
Competing interests declaration In the interest of transparency and to help readers form their own judgements of proceeding financial and/or non-financial interest in relation to the work described. We declare that none of the authors have competing financial or non- We declare that one or more of the authors have a competing interest in the financial or non- H.B., J.A.M., N.B.A-M., J.M-W. and B.R.G.W. are shareholders in EnGeneIC Ltd.	in the submitted manuscript. financial interests as defined l t as defined by Nature Researd	by Nature Research.
Authorship Policy information about authorship Prior to submission all listed authors must agree to all manuscript contents, the author list after submission must be approved by all authors. We have read the Nature Research Authorship Policy and confirm that		nor contribution statements. Any changes to
Data availability		
Policy information about <u>availability of data</u>		
Data availability statement All manuscripts must include a data availability statement. This statement should p - Accession codes, unique identifiers, or web links for publicly available dataset - A list of figures that have associated raw data - A description of any restrictions on data availability We have provided a full data availability statement in the manuscript.		where applicable:
Mandated accession codes (where applicable) Confirm that all relevant data are deposited into a public repository and that a All relevant accession codes are provided Accession codes will be	,	No data with mandated deposition
Code availability		
Policy information about <u>availability of computer code</u>		
Code availability statement For all studies using custom code or mathematical algorithm that is deemed central heading "Code availability" describing how readers can access the code, including a		·

Code availability stat

For all studies using cus heading "Code availabil separate section after the data availability statement but before the References.

We have provided a full code availability statement in the manuscript

Data presentation	
For all data presented in a plot, char	t or other visual representation confirm that:
n/a Confirmed	
Individual data points are s	hown when possible, and always for $n \le 10$
The format shows data dist	ribution clearly (e.g. dot plots, box-and-whisker plots)
Box-plot elements are defin	ned (e.g. center line, median; box limits, upper and lower quartiles; whiskers, 1.5x interquartile range; points, outliers)
Clearly defined error bars a	are present and what they represent (SD, SE, CI) is noted
•	
Image integrity	
Policy information about image integ	grity.
	n's image integrity policy and all images comply.
Unprocessed data must be provide inadvertent duplications have occu	ed upon request. Please double-check figure assembly to ensure that all panels are accurate (e.g. all labels are correct, no urred during preparation, etc.).
Where blots and gels are presente blot, and that unprocessed scans r	ed, please take particular care to ensure that lanes have not been spliced together, that loading controls are run on the same match the corresponding figures.
Additional policy con	siderations
Some types of research require additional policy disclosures. Please	Does not apply Involved in the study
indicate whether each of these	Macromolecular structural data
apply to your study. If you are not	☐ Unique biological materials
certain, please read the appropriate section before	Research animals and/or animal-derived materials that require ethical approval
selecting a response.	Human embryos, gametes and/or stem cells
	Human research participants
	Clinical data
Research animals	
Policy information about studies inve	olving animals; ARRIVE guidelines recommended for reporting animal research
Ethical compliance	
	evant ethical regulations and include a statement affirming this in the manuscript.
Ethics committee	
We have disclosed the name(s)) of the board and institution that approved the study protocol in the manuscript.

Human research participants
Policy information about <u>studies involving human research participants</u>
Ethical compliance
We have complied with all relevant ethical regulations and include a statement affirming this in the manuscript.
Ethics committee Confirm that the manuscript states the name(s) of the board and/or institution that:
Approved the study protocol -OR- Provided guidelines for study procedures (if protocol approval is not required)
Informed consent We have obtained informed consent from all participants and this is noted in the manuscript.
Identifiable images For publication of identifiable images of research participants, confirm that consent to publish was obtained and is noted in the Methods. Authors must ensure that consent meets the conditions set out in the Nature Research participant release form. Yes No identifiable images of human research participants
Clinical studies
Policy information about <u>clinical studies</u>
Clinical trial registration We have provided the trial registration number from ClinicalTrials.gov or an equivalent agency in the manuscript.
Phase 2 and 3 randomized controlled trials
We have provided the CONSORT checklist with your submission.

Tumor marker prognostic studies

We have followed the REMARK repo

☐ No

We have followed the $\underline{\sf REMARK}$ reporting guidelines.

Yes No Not a tumor marker prognostic study

I certify that all the above information is complete and correct.

Typed signature DBPR Date Mar 25, 2022

Not a phase 2/3 randomized controlled trial

