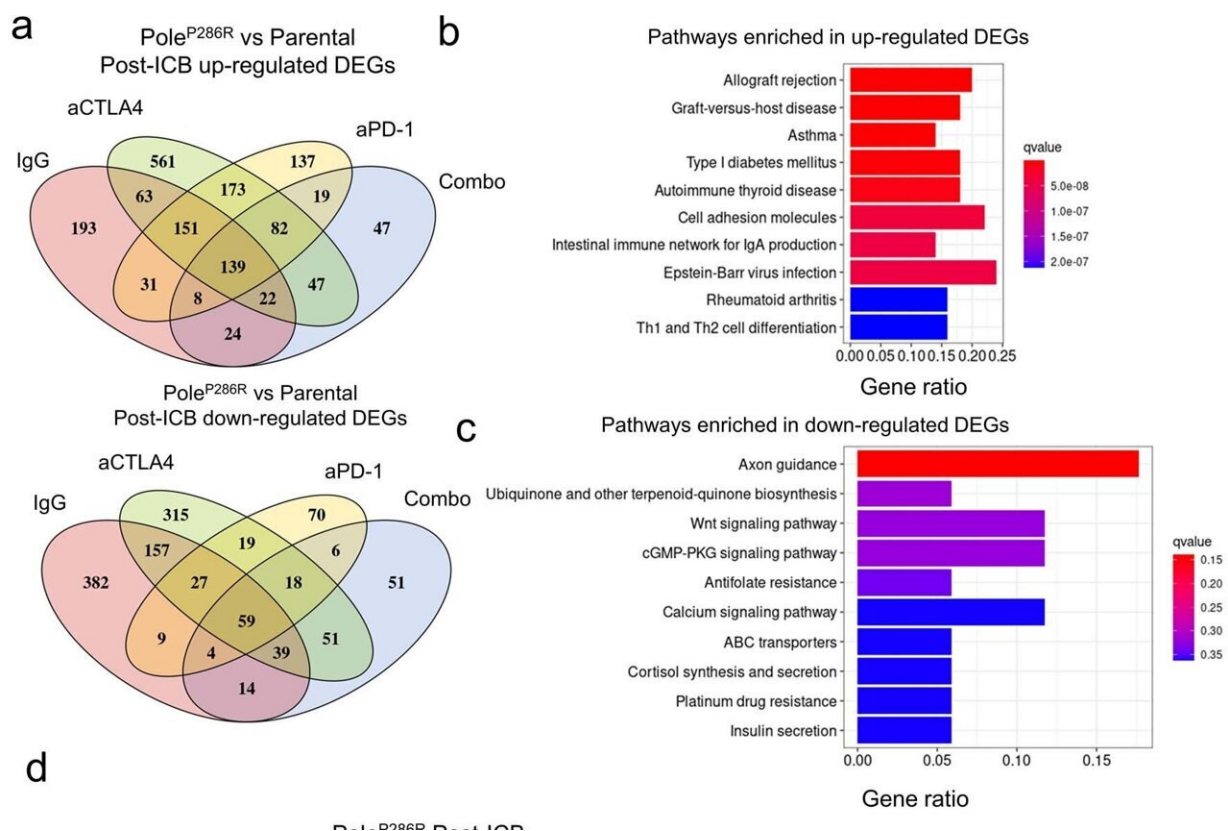


# Tumors with specific genetic mutations show response to immune checkpoint blockade therapy

July 13 2022



Immune microenvironment of the post-treatment Pole mutant tumors. a, Differentially expressed genes up-regulated or down-regulated in the post-ICB Pole<sup>P286R</sup> tumors versus the parental tumors. There are 82 DEGs that are consistently upregulated in all ICB treatment arms, while there are 59 genes are consistently downregulated in mutant tumors of all immune checkpoint blockade (ICB) arms. b, Top 10 KEGG pathways that were significantly enriched in the

consistently up-regulated DEGs. c, Top 10 KEGG pathways that were enriched in the consistently down-regulated DEGs across all ICB arms. No pathway is statistical significantly enriched, as determined by q value

Citation: Tumors with specific genetic mutations show response to immune checkpoint blockade therapy (2022, July 13) retrieved 2 May 2024 from

<https://medicalxpress.com/news/2022-07-tumors-specific-genetic-mutations-response.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--