

Review

Molecular, Genetic Susceptibility and Immunotherapy of Melanoma

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Supplementary

Citation: Shenoy, P.; Nag, R.; Kolathur, K.K.; Malik, Y.; Varanasi, S.M.; Angom, R.; Mukhopadhyay, D. Molecular, Genetic Susceptibility and Immunotherapy of Melanoma. *2023*, *12*, x.

<https://doi.org/10.3390/xxxxx>

Academic Editor(s):

Received: date

Revised: date

Accepted: date

Published: date



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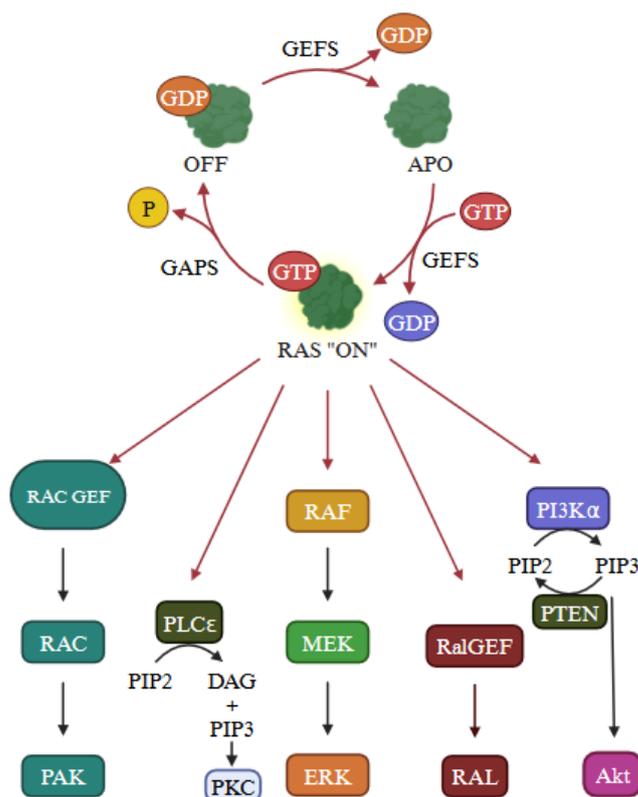


Figure S1. The figure depicts the downstream effect of the RAS signaling pathway (Created with BioRender.com).

Gene effect score for BRAF in Skin cancer cell lines

Source: DepMap

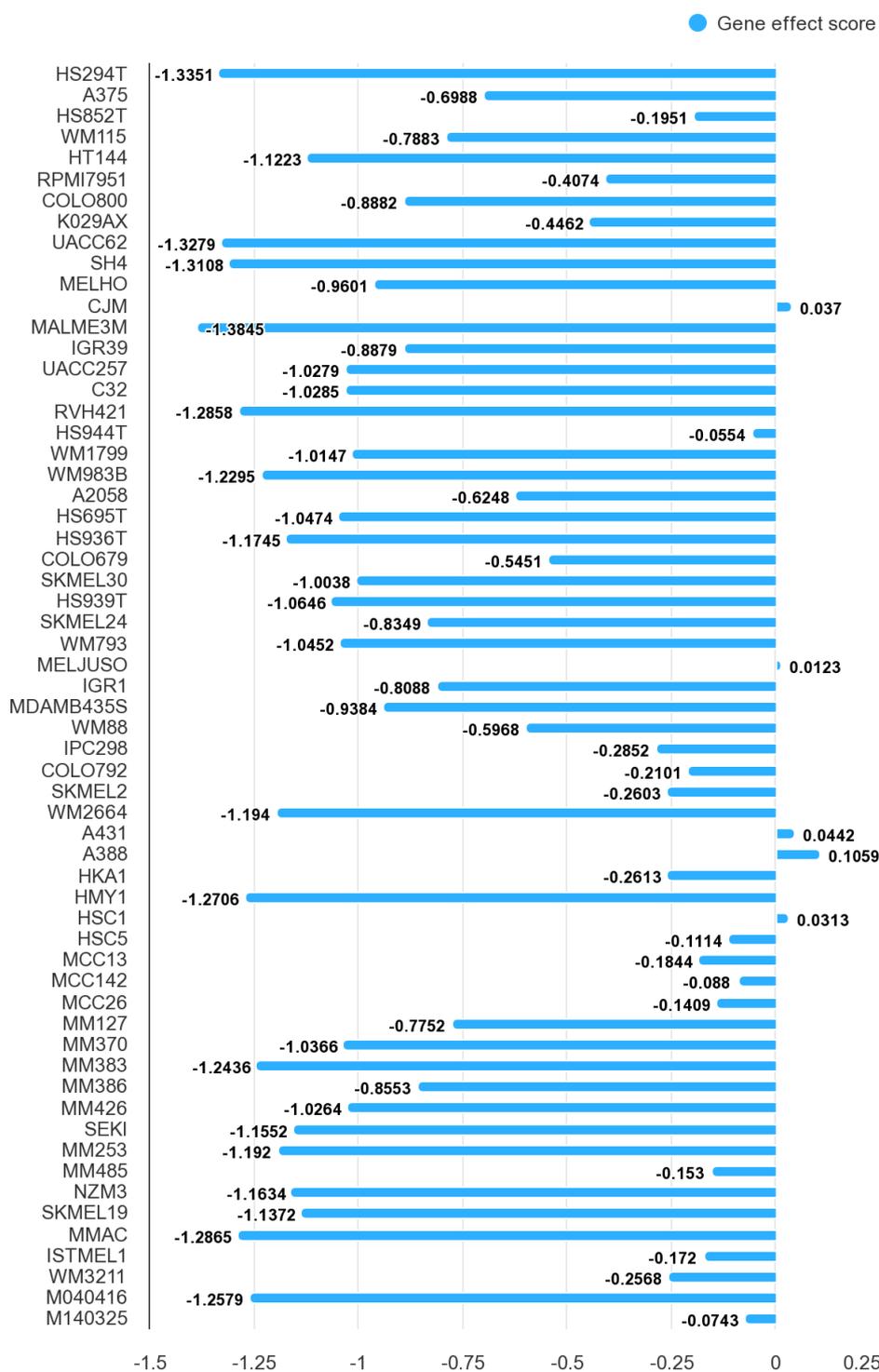


Figure S2. Gene effect score for *BRAF* in skin cancer cell lines. Negative results suggest gene knockout-induced inhibition and/or death of cells. The scores are normalized so that independently determined common requirements have a median value of -1 and nonessential genes have a median score of 0. The data is generated using the UALCAN portal.

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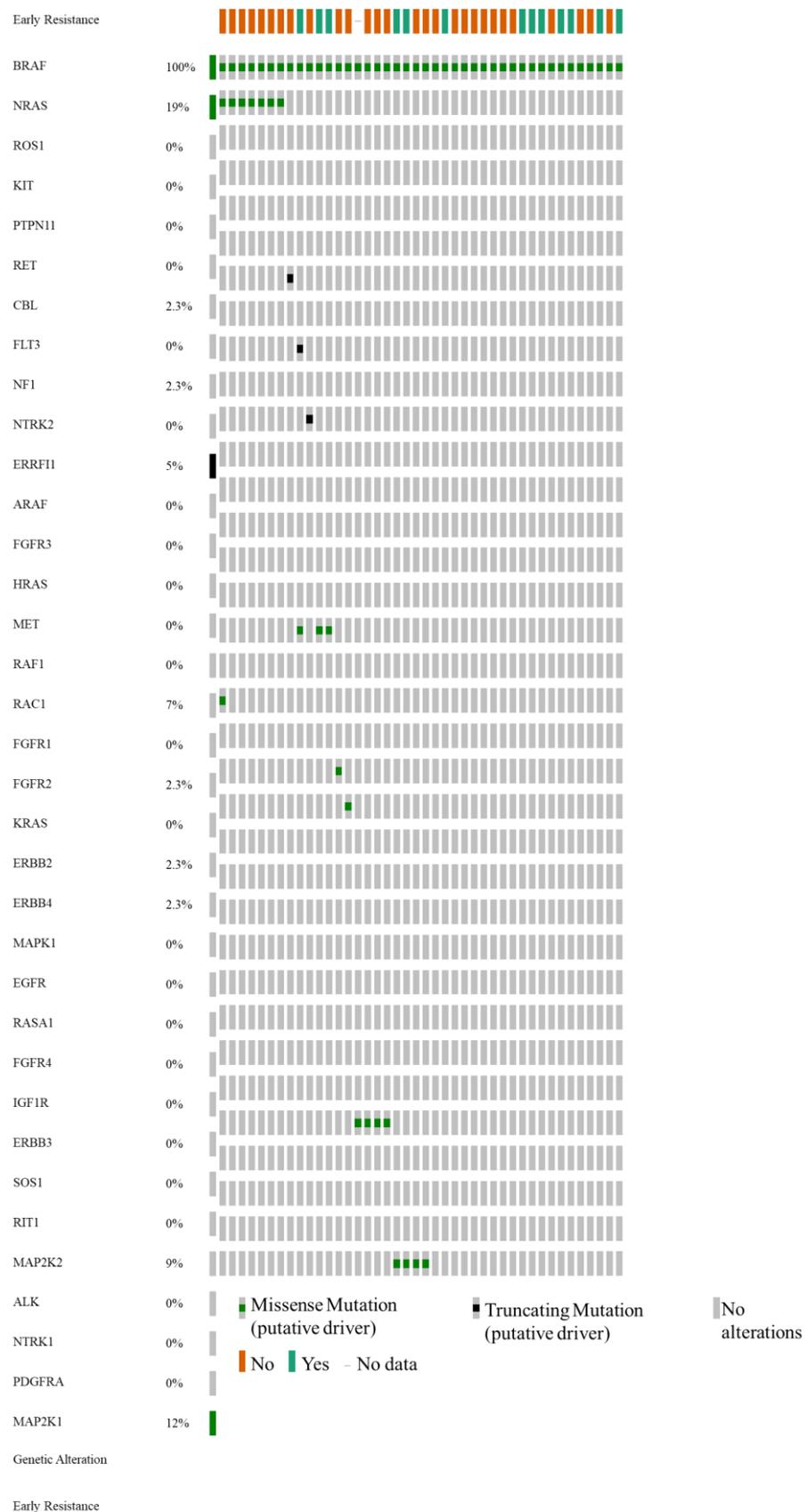


Figure S3. Genetic alterations in the context of early resistance. The figure depicts the spectrum of putative driver alterations (missense mutation and truncating mutation). The data is represented from the TCGA dataset using c-BioPortal.

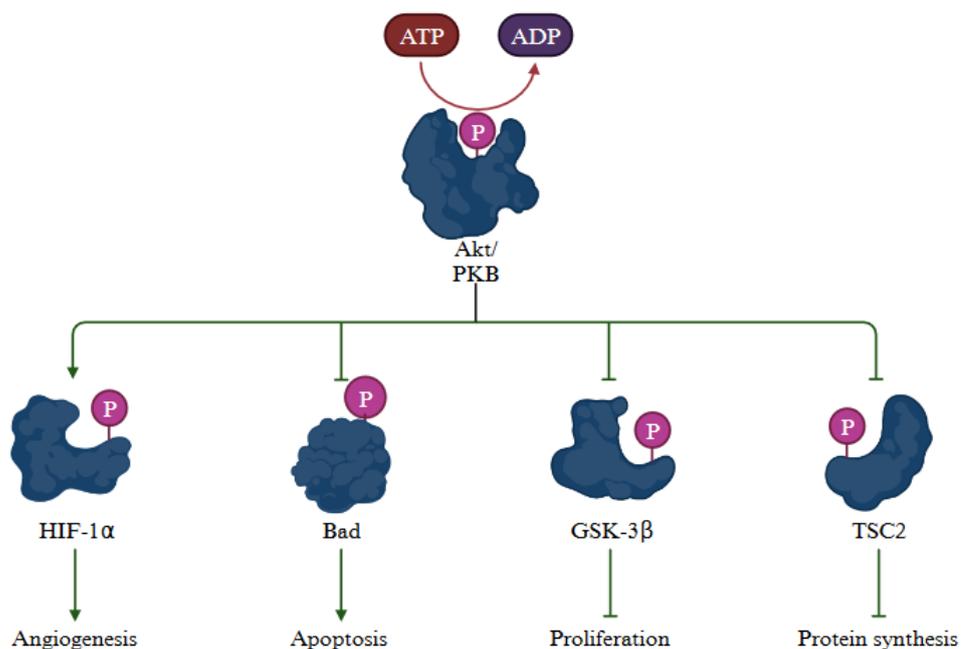


Figure S4. Actions of Akt/PKB pathway. Protein kinases downstream of Akt have a critical role in melanoma progression (Designed using BioRender).

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