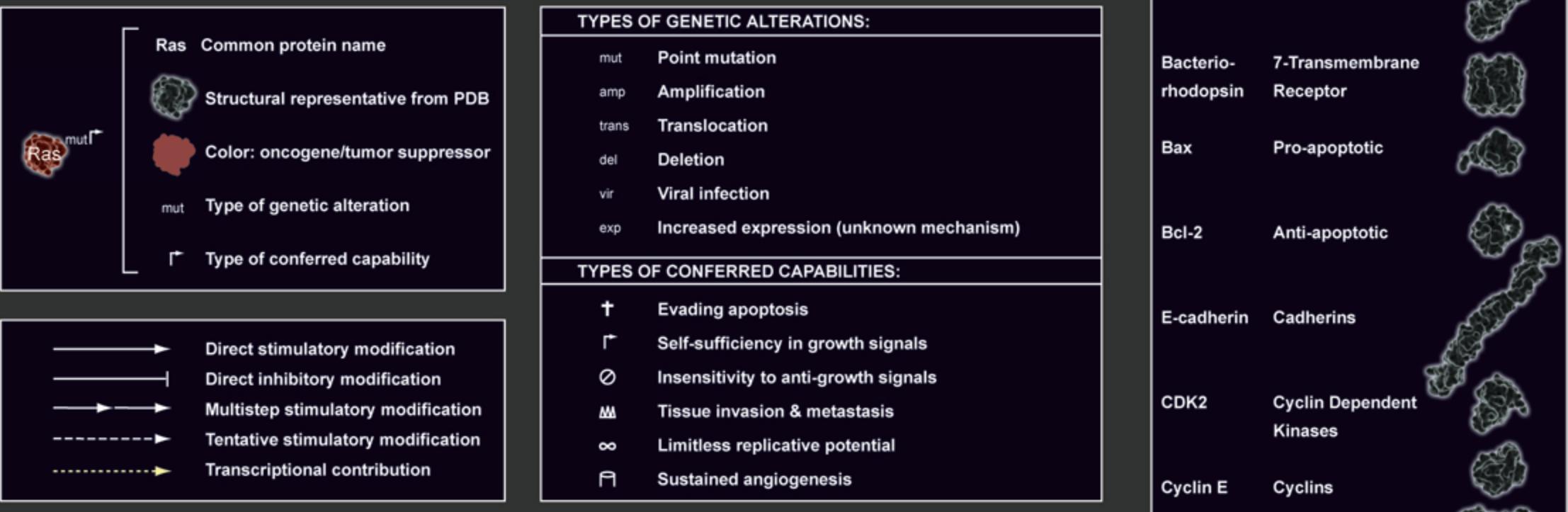


PATHWAYS IN HUMAN CANCER

This poster summarizes some of the key signaling pathways implicated in tumorigenesis and tumor progression in humans. Within each pathway, gene products known to be mutated in human tumors - oncogenes and tumor suppressor genes - have been color-coded. The most common types of genetic alterations and conferred capabilities to the tumor are also appended for these gene products. Proteins are shown using a structural representative (see structural legend). Since not all known pathways or proteins could be included, we regret not being able to show the work of many, and refer the viewer to the textbook *The Biology of Cancer* by Robert A. Weinberg for an in-depth treatment of this material and references.



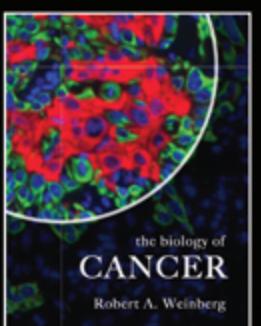
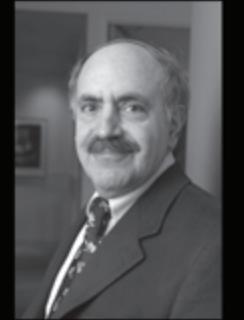
This poster accompanies the textbook *The Biology of Cancer* by Robert A. Weinberg, published by Garland Science. Dr. Weinberg is a founding member of the Whitehead Institute for Biomedical Research and the Daniel K. Ludwig Professor of Cancer Research at the Massachusetts Institute of Technology.

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