

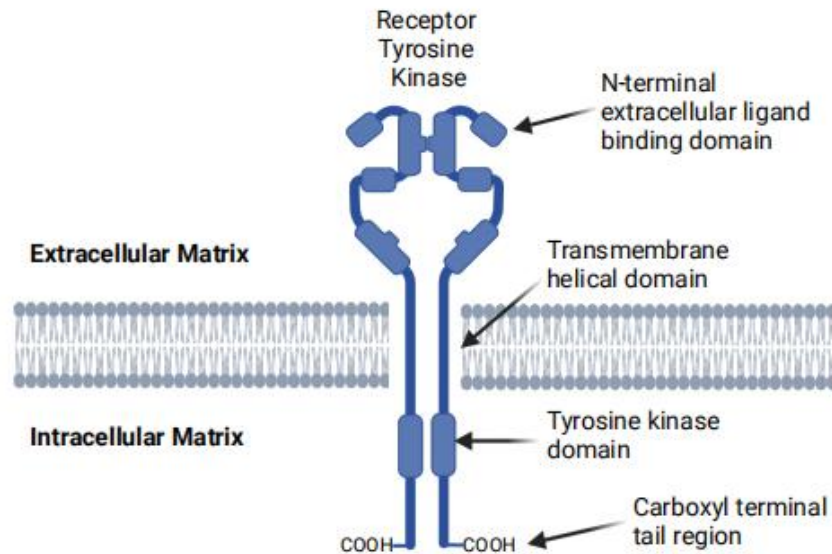


Figure S1. Receptor Tyrosine Kinase Structure. Structure of generic receptor tyrosine kinase receptor comprised of an extracellular N-terminal ligand binding domain, a transmembrane helical domain, and intracellular domains comprising a tyrosine kinase binding domain and a C-terminal tail region. Created in BioRender. Allen, B. (2026) <https://BioRender.com/08wmc dx>

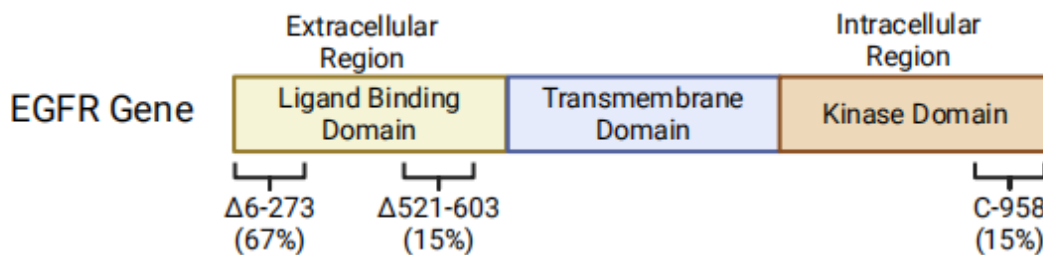


Figure S2. Epidermal Growth Factor Receptor Deletion Mutations. Depiction of the various EGFR deletion mutation locations. These include the mutations involving codons 6-273 and codons 521-603 occurring in 67% and 15% of pathogenic variants, respectively. 15% of pathogenic variants involve codons C-958. Abbreviations: EGFR, endothelial growth factor receptor. Created in BioRender. Allen, B. (2026) <https://BioRender.com/ko8tz27>

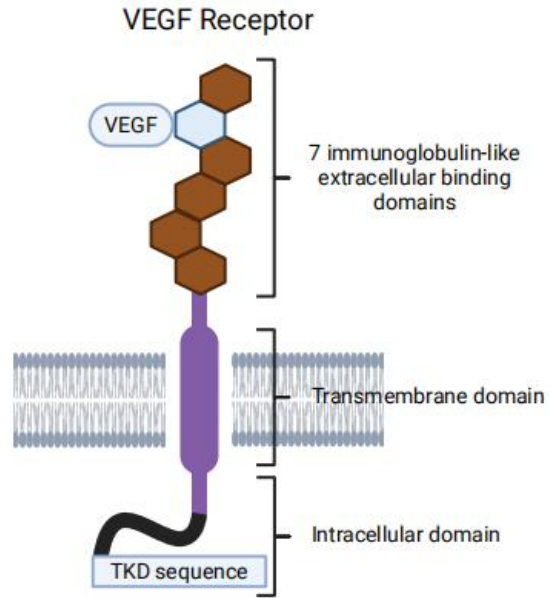


Figure S3. Vascular Endothelial Growth Factor Receptor Structure. The VEGF receptor includes 7 extracellular immunoglobulin-like domains in which the second domain binds VEGF. There is a helical transmembrane domain. The tyrosine kinase domain is part of the intracellular domain. Abbreviations: TKD, tyrosine kinase domain; VEGF, vascular endothelial growth factor. Created in BioRender. Allen, B. (2026) <https://BioRender.com/i26h6f3>