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(54) Title: FGFR AND LIGANDS THEREOF AS BIOMARKERS FOR BREAST CANCER IN HR POSITIVE SUBJECTS

(57) Abstract: The present invention describes methods for diagnosing, treating and determining the prognosis of breast cancer HR+ patient, the methods including detecting the amplification of one or more biomarkers comprising a FGFR ligand such as FGF3, FGF4, FGF19, and / or a FGFR, such as for example FGFR1 in a subject; determining an FGFR1 inhibitor for treating the subject based on the amplification of the one or more biomarkers in the subject; administering to the subject in need thereof the FGFR1 inhibitor and using the one or more biomarkers to indicate prognosis of the subject treated with the FGFR1 inhibitor.



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