

Table S1 The search strategy summary

Items	Specification
Date of search	9 January 2023
Databases and other sources searched	PubMed, clinicaltrials.gov
Search terms used	“NRG1”, “ErbB3 AND NRG1”, “lung cancer AND NRG1”, “NRG1 fusion”, “NRG1 rearrangement” “invasive mucinous adenocarcinoma AND NRG1 fusion”, “NRG1 AND cancer”, “NRG1 fusion detection”, “TKI AND NRG1”
Timeframe	Scientific articles from From January 1992 to 2023 were selected. Release from clinicaltrial.gov are to 2023
Inclusion and exclusion criteria	Only peer-reviewed texts published in English language were selected. No additional restrictions
Selection process	Selection was made by the author