

## Supplementary Appendix

## 1. Search Strategy (used in PubMed)

(((((Epidermal Growth Factor Receptor) OR EGFR)) OR c-erbB-1) OR erbB-1) OR v-erbB))  
 AND (((((FDG) OR Fluorodeoxyglucose) OR 2-Fluoro-2-deoxyglucose) OR 2-Fluoro-2-deoxy-D-glucose))  
 AND ((Positron Emission Tomography) OR PET)) AND (((pulmonary Neoplasm) OR pulmonary cancer)) OR  
 ((lung neoplasm) OR lung cancer)) AND Mutation

2. Figure S1 Forest plot of pooled sensitivity, specificity and DOR of <sup>18</sup>F-FDG PET/CT for predicting EGFR mutations in NSCLC patients.