## NON-SMALL CELL LUNG CANCER Alveolar and bronchiolar epithelial cell /Bronchial epithelial cell Alveolar and bronchiolar epithelial cells Bronchial epithelial cells Tumour progression K08524.. Retinoic acid — — 👝 Reduced apoptosis Cell-cycle progression Cell cycle K06621 Proliferation K02158 DNA K17454.. ►O — — G1/S progression ▶ Antiapoptosis K04399 Atypical adenomatous hyperplasia DNA ►O-K02833... Proliferation Bronchial dysplasia MAPK signaling pathway IP3 K04357 Calcium signaling pathway Impaired G1 and G2 arrest Reduced apoptosis Genomic instability K02677... K08774 damage DAG K02158 Overexpression p53 signaling pathway K04399 Antiapoptosis K09408 PI3K-Akt signaling pathway Primary adenocarinoma ErbB signaling pathway Primary squamous cell carcinoma Cell cycle Genetic alterations K-Ras, EML4-ALK Oncogene : Metastatic adenocarcinoma RARβ, FHIT, RASSF1, INK4ω/ARF, p53 Tumor suppressors: Metastatic squamous cell carcinoma

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