SMALL CELL LUNG CANCER Pulmonary neuroendocrine epithelial cell Neuroendocrine epithelial cells ►O—— Tumour progression K08524... DNA Retinoic acid Reduced apoptosis Cell-cycle progression Impaired G1 and G2 arrest Reduced apoptosis Genomic instability p53 signaling pathway DNA _ damage K04451 DNA Overexpression K04685 K02089.. K02161 K04503 Apoptosis Cell cycle K08738 Mitochondrion р27 Кір 1 K02206 K04399 K06618 DNA 🗘 K06626 K02084 DNA K03875 ►O— ► G1/S progression Inhibition of apoptosis K16063 K02219 Primary small cell carcinoma Genetic alterations DNA Мус Oncogene : Tumor suppressors: RARβ, FHIT, p53, RB, PTEN K04377 K04453 ECM-receptor interaction → Proliferation Degradation CyclinD1 K06476... K16060... K04467... K04734 K05719 K04570 Apoptosis

