OncoPrint for TCGA Lung Adenocarcinoma, genes in Ras Raf MEK JNK signalling 10 20 40 60 **KRAS** 6% MAPK9 MAP3K3 3% 3% MAP2K1 MAPK4 α MAPK12 3% MAPK14 2% MAP2K2 2% MAP2K5 15% RAB25 **Alternations** Deep deletion 10% DAB2 Amplification 10% I **BRAF** Mutation MAP3K4 7% expr 6% MAP3K5 MAP2K3 5% MAPK7 5% MAP2K4 MAP3K1 MAP3K2 3% 2% HRAS MAPK8 2% MAPK3 1% RAF1 1% 0% MAPK1 MAPK6 0% 0% RASSF1