VEGF SIGNALING PATHWAY K02833.. Vascular endothelial cell K04366 K04718 Calcium signaling pathway +p +p` K04368... ►O — — ► Proliferation DNA MAPK signaling pathway K02677... K08273 Arachidonic acid metabolism DAG K01116... K04348.. K17332 PGI2production IP₃ DNA C(0)2 K17447 PGI2 Focal adhesion K05725 Focal adhesion-turnover K05098 K05448 K05760 K04393 Actin reorganization K04441 K04443.. K04455 Migration K05704 K00922... K04392... PIP3 Permeability K13242 NO K04456 K04399 Survival PI3K-Akt signaling pathway K02158 04370 10/23/15 (c) Kanehisa Laboratories