TOXOPLASMOSIS K06752 Jak-STAT signaling pathway K05132.. K11217... K11220 K14139 K14140 Decreased antigen presentation Suppressed NO production MAPK signaling pathway) Apoptosis of bystander cells K05400 (Toll-like receptor signaling pathway) K04403... K03156 DNA Glycoprotein Parasitophorus vacuole K05635... TgIKK K14143 - Delayed IL12 production Release of parasite factors
Host cell penetration Parasitophorus vacuole formation Toxoplasma gondii tachyzoite K14147 K13845 K14145... K14149... Moving junction Toxoplasma gohdil tachyzoite K14148 LDL O-Mitochondrion Endocytosis K04399 K02187 Pro-survival effect Apoptosis DNA K05406... STAg ►O--— 🖚 Dendritic cell paralysis Arachidonic acid metabolism —— 🗕 Immunosuppression K05443 K05134... K11217... Jak-STAT signaling pathway) DNA → Anti-inflammatory effect PPC2-hn Parasite growth 05145 11/5/13 (c) Kanehisa Laboratories