DOPAMINERGIC SYNAPSE DOPAC K00274 C(6)32 4 Glial cell K00274 ______ODA K00545 3-MT K05036 DA autoreceptor K04145 Neuron (Presynap tic terminal) Neuron (Postsynap tic cell) Calcium signaling pathway K04958... K04515 C L-tyrosine K15493 K02183 _{Ca}⁴**ò**≥ 0 K04348 DA_O K00501 Synaptic plasticity K04144 K04634 K05858 0.0 K02677... K04344... Сβу DAG Tyrosine metabolism Exocytosis cAMPK05870... K04632... K08045 K04345 . Synaptic vesicle cycle K04441... K04379 L-Dopa K01593 0 0 DAM · 0 K06269 K15494 0 Downstream K04833 +p gene regulation -p Endocytosis -p K04850... Parkinson's \Ca**o**___ (Increased / decreased)
Neuronal
excitability disease K04344... K05209... Glutamatergic synapse K04145 Action potential K04997... +p K05197... Synaptic plasticity K10396 3-MT K04146... K04630... K00274 ಾ K05036 0 ୍ତଃ HVA K02223 DA DA βAnII K04145 K02296 K04382... Synaptic cleft 04728 10/23/15 (c) Kanehisa Laboratories