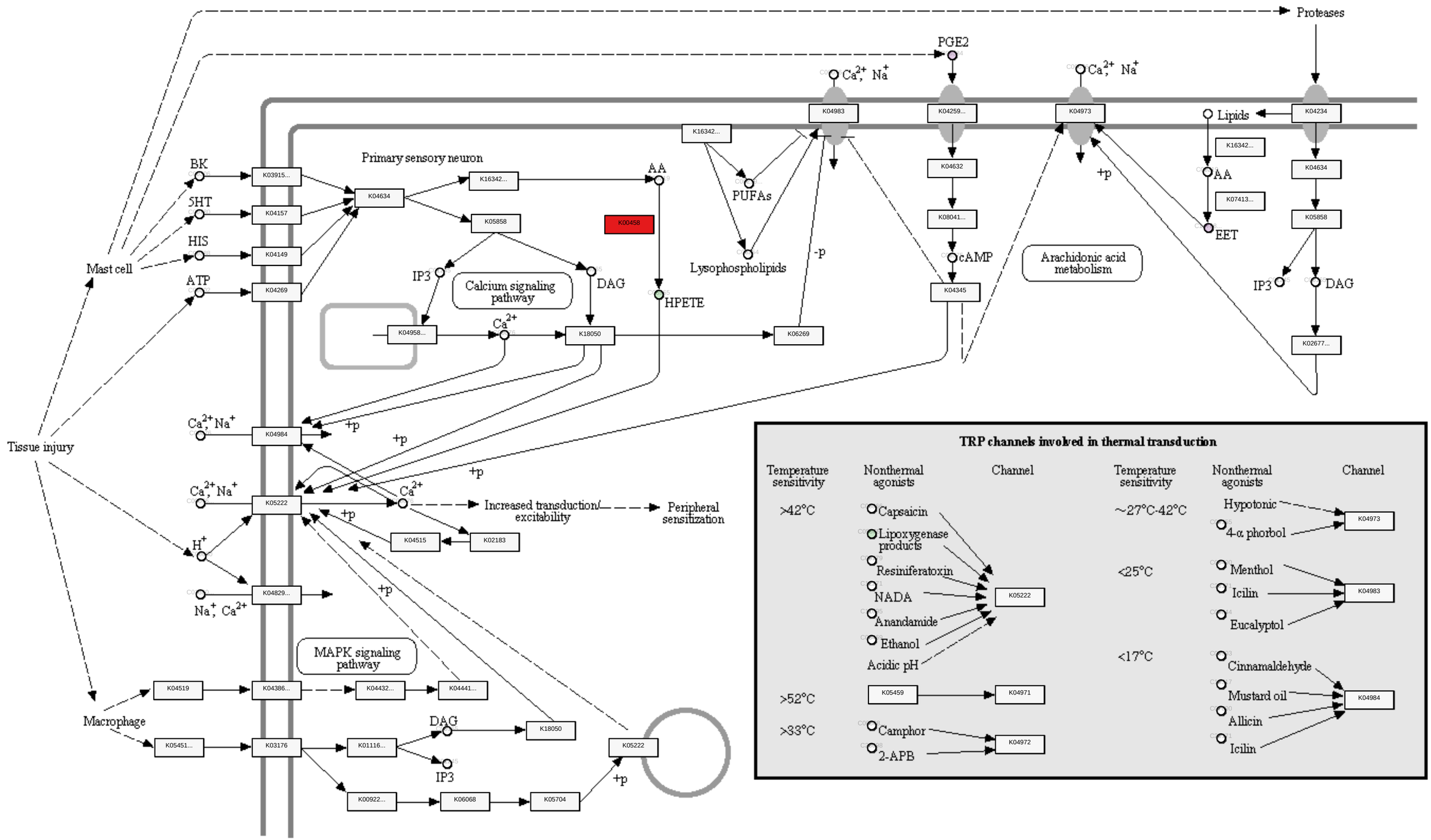
INFLAMMATORY MEDIATOR REGULATION OF TRP CHANNELS



TRP channels involved in thermal transduction

Temperature sensitivity	Nonthermal agonists	Channel
>42°C	Capsaicin, Lipoxygenase products, Resiniferatoxin, NADA, Anandamide, Ethanol, Acidic pH	K05222
>52°C		K04971
>33°C	Camphor, 2-APB	K04972
~27°C-42°C	Hypotonic, 4-α phorbol	K04973
<25°C	Menthol, Icilin, Eucalyptol	K04983
<17°C	Cinnamaldehyde, Mustard oil, Allicin, Icilin	K04984