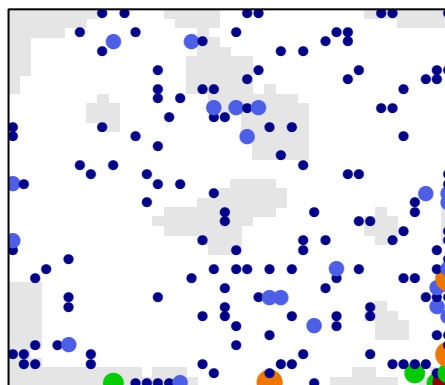
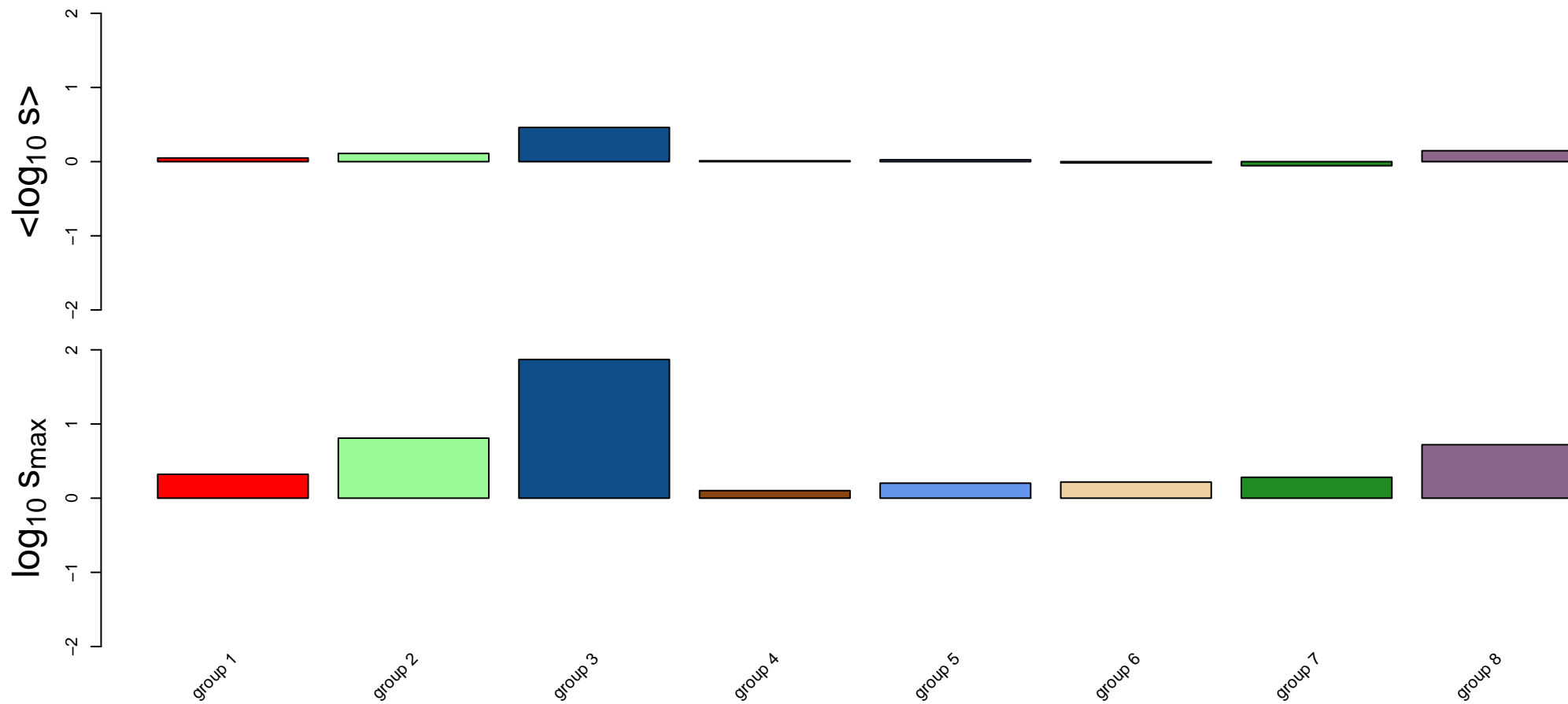
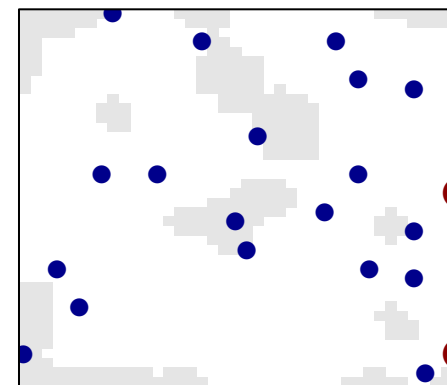


Inflammatory mediator regulation of

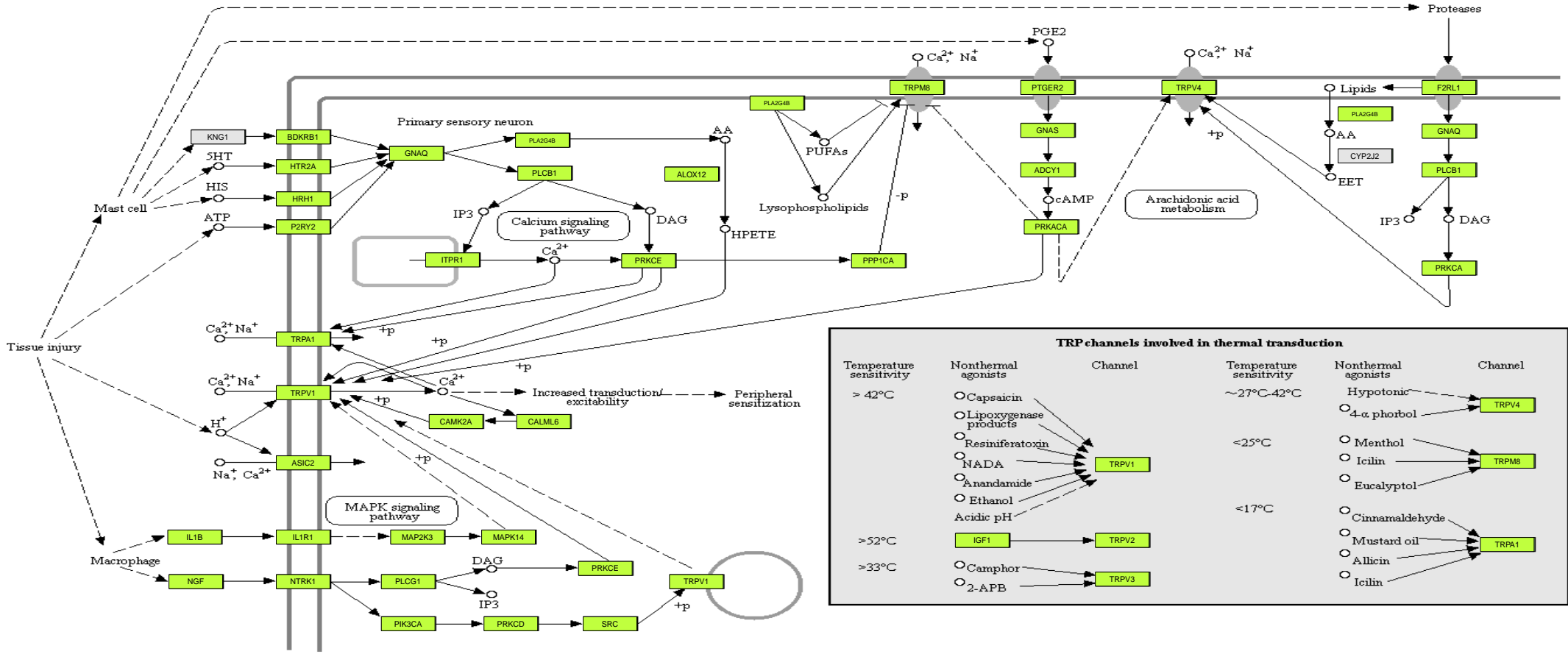
all genes



sink node genes



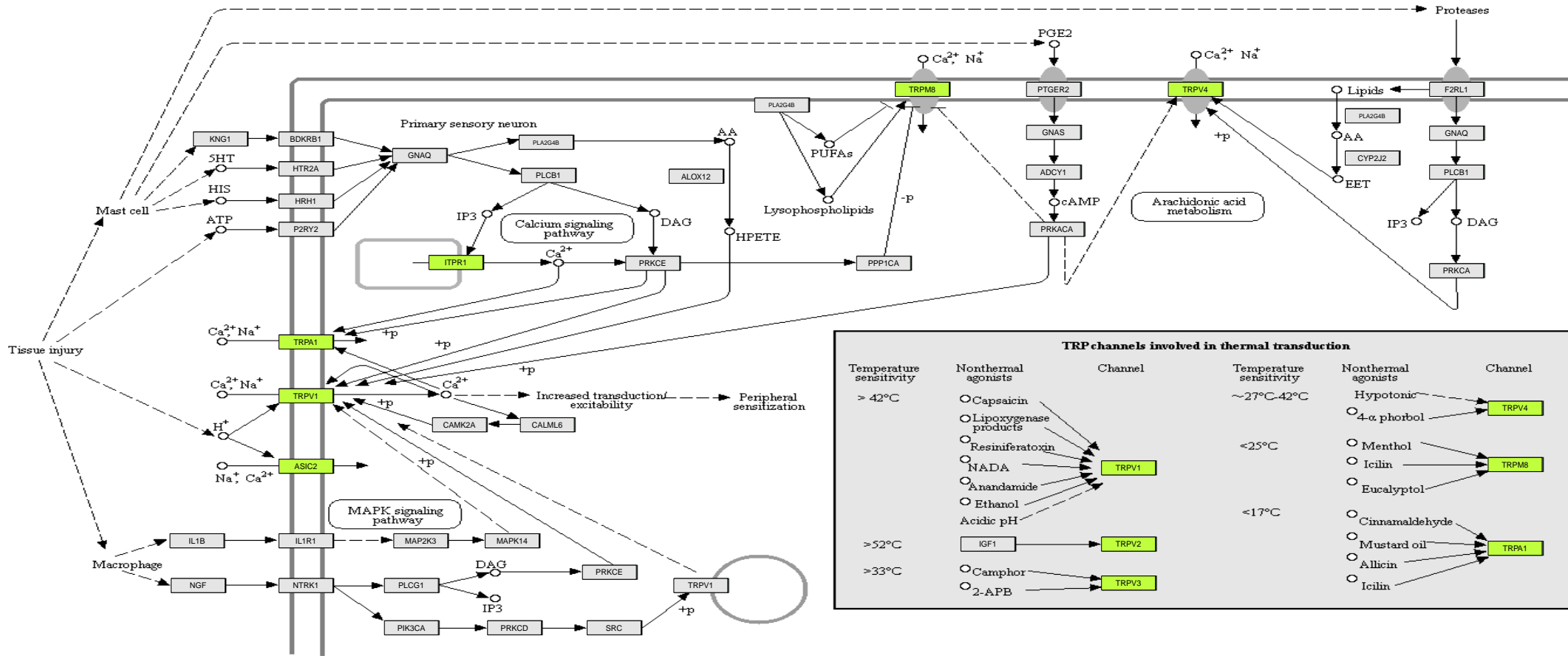
Inflammatory mediator regulation of TRP channels genes with data



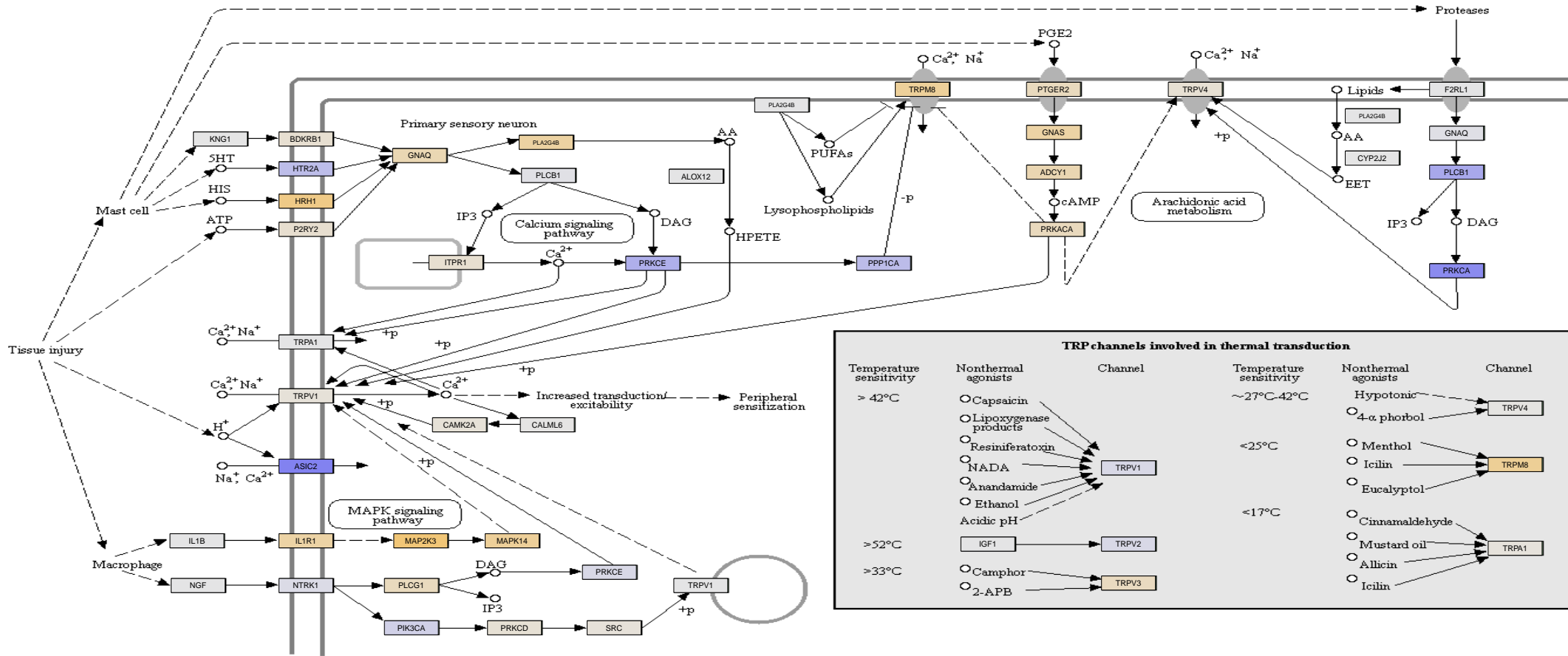
TRP channels involved in thermal transduction

Temperature sensitivity	Nonthermal agonists	Channel	Temperature sensitivity	Nonthermal agonists	Channel
> 42°C	○ Capsaicin	TRPV1	~27°C-42°C	○ Hypotonic	TRPV4
	○ Lipoxygenase products			○ 4-α phorbol	TRPV4
	○ Resiniferatoxin			○ Menthol	TRPM8
	○ NADA			○ Icilin	
	○ Anandamide			○ Eucalyptol	
	○ Ethanol				
	○ Acidic pH		<17°C	○ Cinnamaldehyde	TRPA1
>52°C	■ IGF1	TRPV2		○ Mustard oil	
>33°C	○ Camphor	TRPV3		○ Allicin	
	○ 2-APB			○ Icilin	

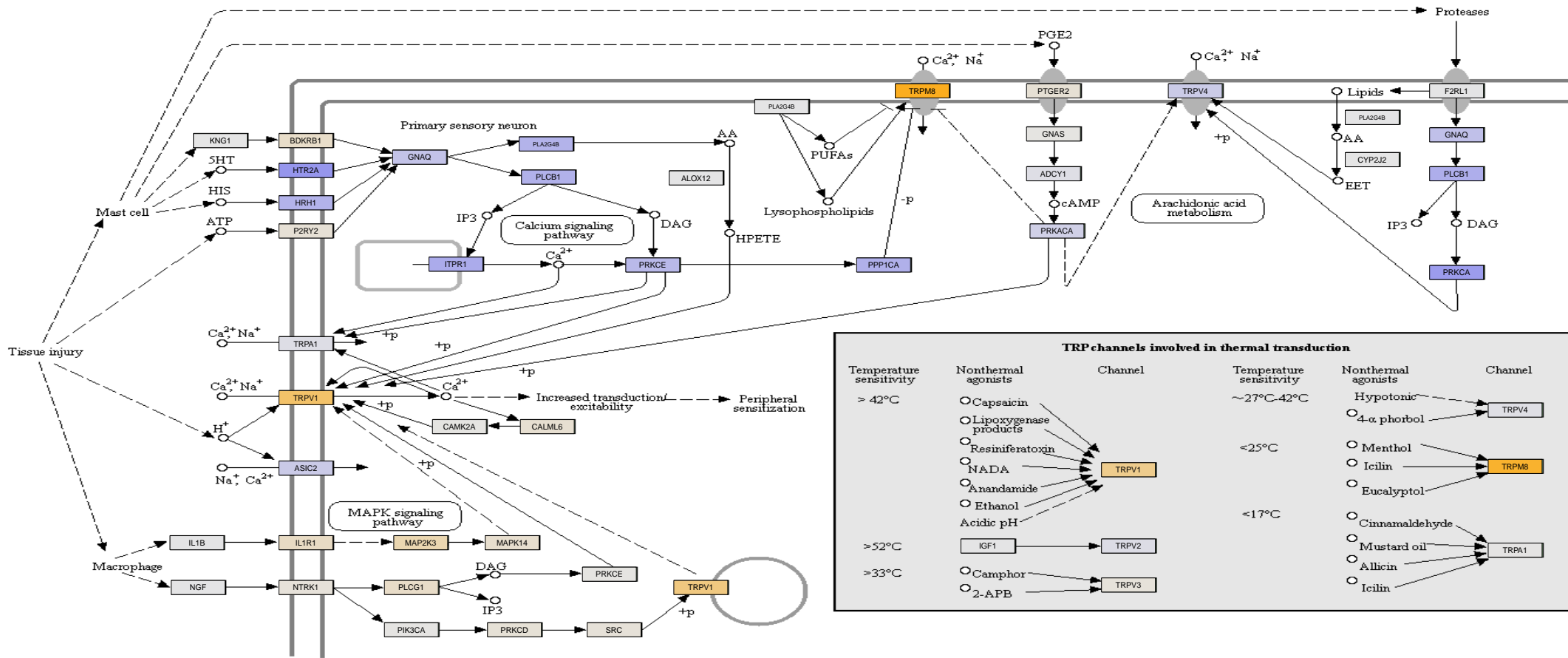
Inflammatory mediator regulation of TRP channels
sink nodes



Inflammatory mediator regulation of TRP channels
group 1



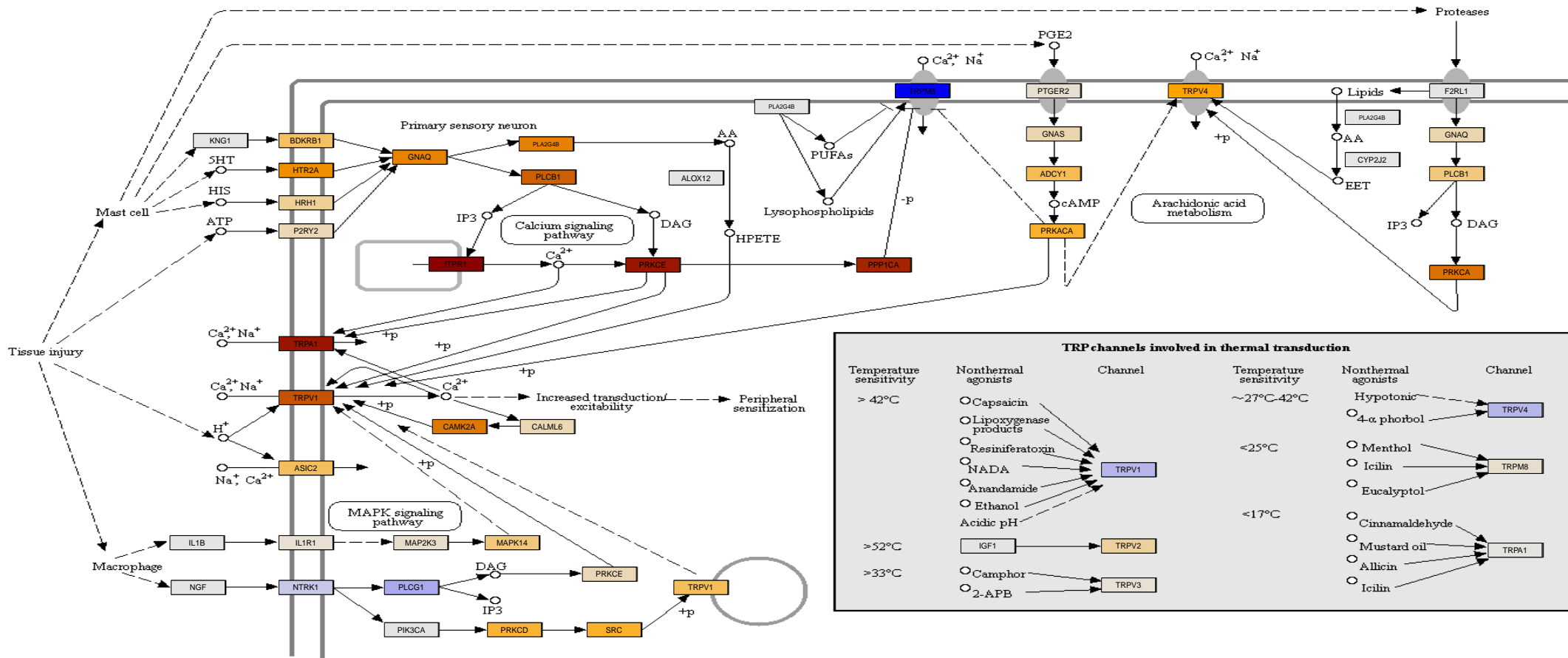
Inflammatory mediator regulation of TRP channels
group 2



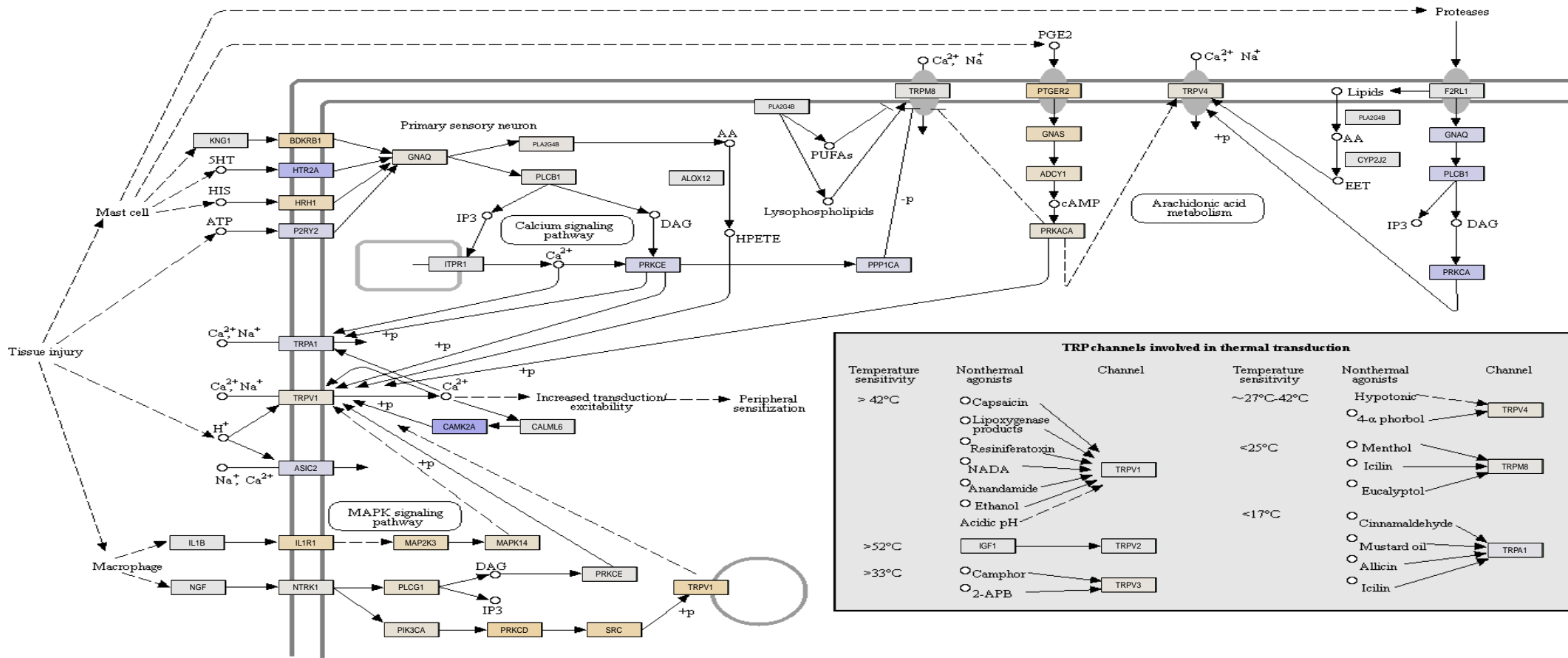
TRP channels involved in thermal transduction

Temperature sensitivity	Nonthermal agonists	Channel	Temperature sensitivity	Nonthermal agonists	Channel
> 42°C	○ Capsaicin	TRPV1	~27°C-42°C	○ Hypotonic	TRPV4
	○ Lipoxygenase products			○ 4-α phorbol	TRPV4
	○ Resiniferatoxin			○ Menthol	TRPM8
	○ NADA			○ Icilin	
	○ Anandamide			○ Eucalyptol	
	○ Ethanol				
	○ Acidic pH		<17°C	○ Cinnamaldehyde	TRPA1
> 52°C	○ IGF1	TRPV2		○ Mustard oil	
> 33°C	○ Camphor	TRPV3		○ Allicin	
	○ 2-APB			○ Icilin	

Inflammatory mediator regulation of TRP channels
group 3



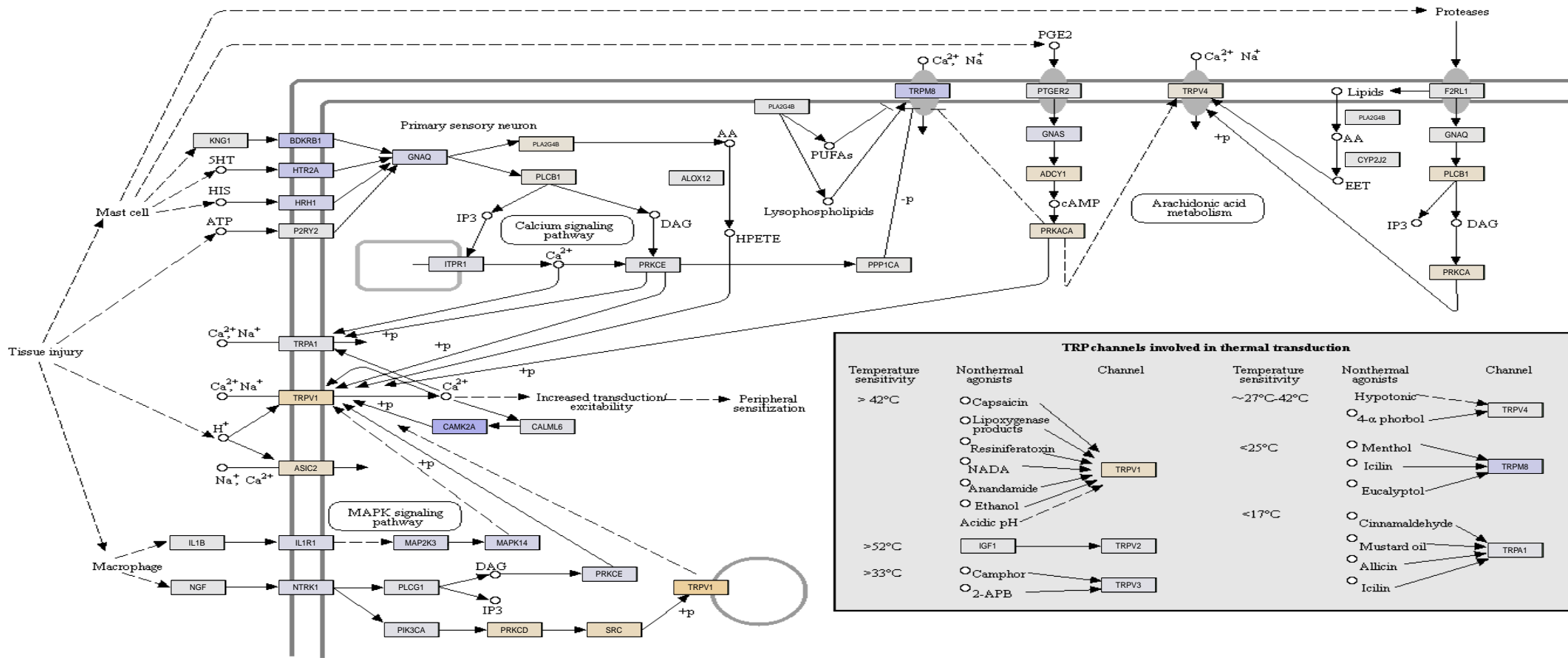
Inflammatory mediator regulation of TRP channels
group 4



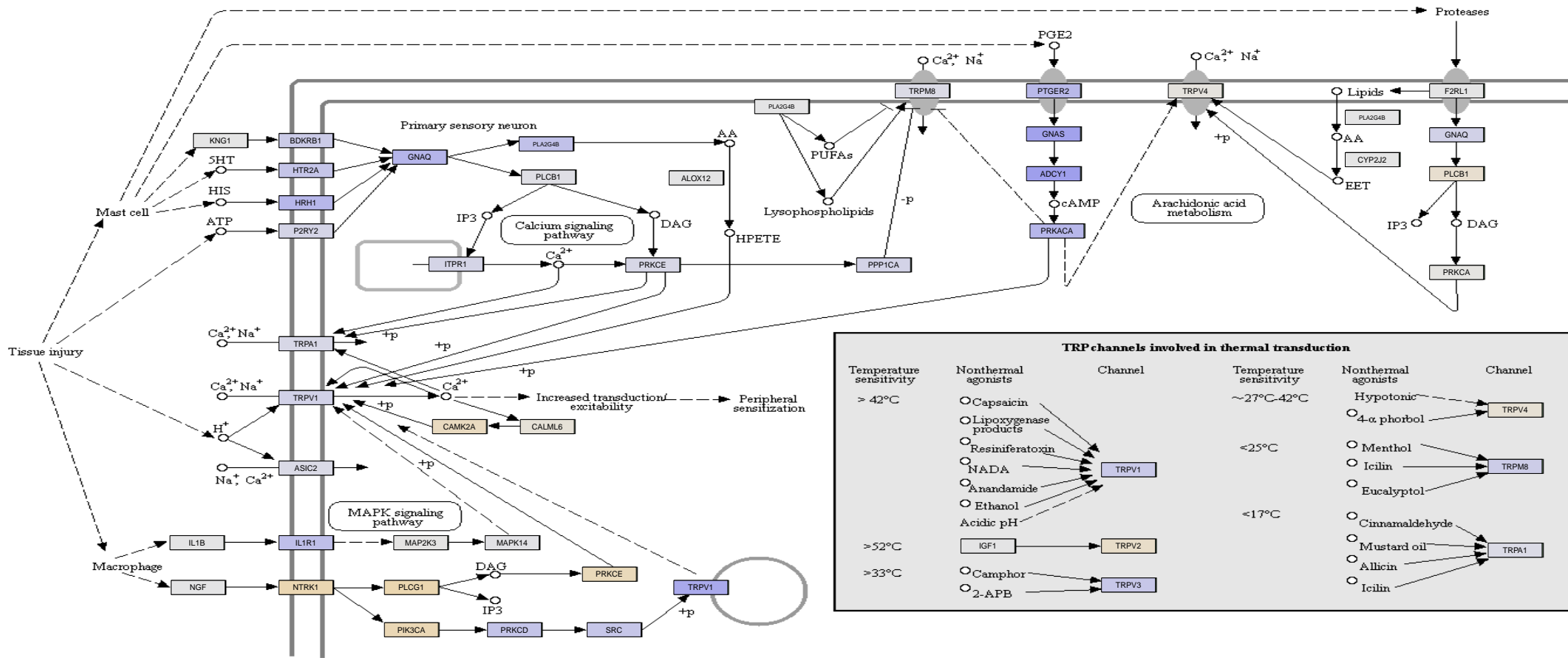
TRP channels involved in thermal transduction

Temperature sensitivity	Nonthermal agonists	Channel	Temperature sensitivity	Nonthermal agonists	Channel
> 42°C	○ Capsaicin	TRPV1	~27°C-42°C	○ Hypotonic	TRPV4
	○ Lipoxygenase products			○ 4-α phorbol	TRPV4
	○ Resiniferatoxin			○ Menthol	TRPM8
	○ NADA			○ Icilin	
	○ Anandamide			○ Eucalyptol	
	○ Ethanol				
	○ Acidic pH		<17°C	○ Cinnamaldehyde	TRPA1
> 52°C	○ IGF1	TRPV2		○ Mustard oil	
> 33°C	○ Camphor	TRPV3		○ Allicin	
	○ 2-APB			○ Icilin	

Inflammatory mediator regulation of TRP channels
group 5



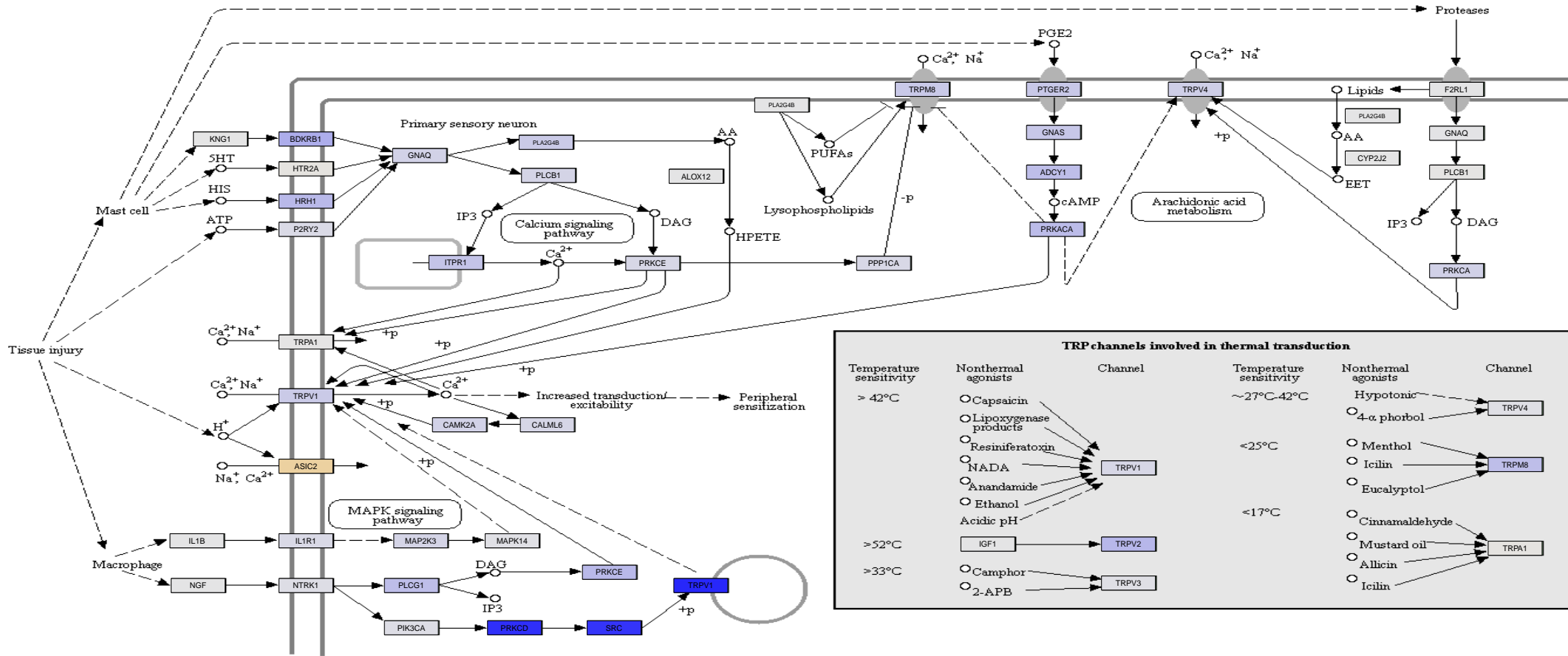
Inflammatory mediator regulation of TRP channels
group 6



TRP channels involved in thermal transduction

Temperature sensitivity	Nonthermal agonists	Channel	Temperature sensitivity	Nonthermal agonists	Channel
> 42°C	○ Capsaicin	TRPV1	~27°C-42°C	○ Hypotonic	TRPV4
	○ Lipoxygenase products			○ 4-α phorbol	TRPV4
	○ Resiniferatoxin			○ Menthol	TRPM8
	○ NADA			○ Icilin	
	○ Anandamide			○ Eucalyptol	
	○ Ethanol				
	○ Acidic pH		<17°C	○ Cinnamaldehyde	TRPA1
> 52°C	○ IGF1	TRPV2		○ Mustard oil	
> 33°C	○ Camphor	TRPV3		○ Allicin	
	○ 2-APB			○ Icilin	

Inflammatory mediator regulation of TRP channels
group 7



Inflammatory mediator regulation of TRP channels
group 8

