

# Sema6A reverse signaling in zebrafish eye development

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# Overview

**1** Sema6A signaling

**2** Sema6A signaling in eye development

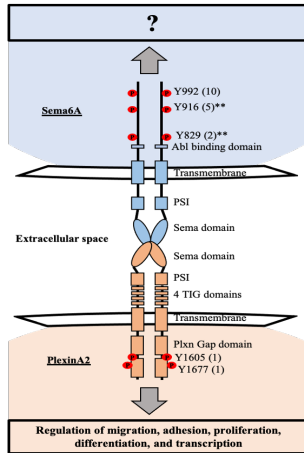
# Importance of Sema6A signaling

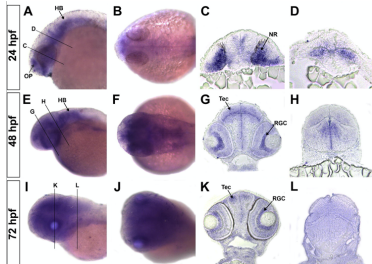
- Sema6A is important for many aspects of development including heart, bone, immune system and eye development

# Importance of Sema6A signaling

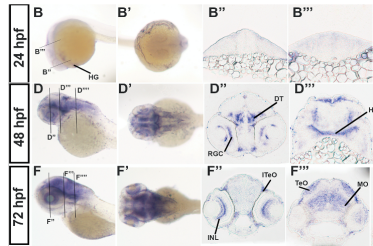
- Sema6A is important for many aspects of development including heart, bone, immune system and eye development
- Sema6A is also implicated in cancers

# Sema6A Signaling schematic





**Figure:** Sema6A expression-  
Ebert et. al 2012



**Figure:** PlexinA2 expression-  
Emerson et. al. 2018

# The End