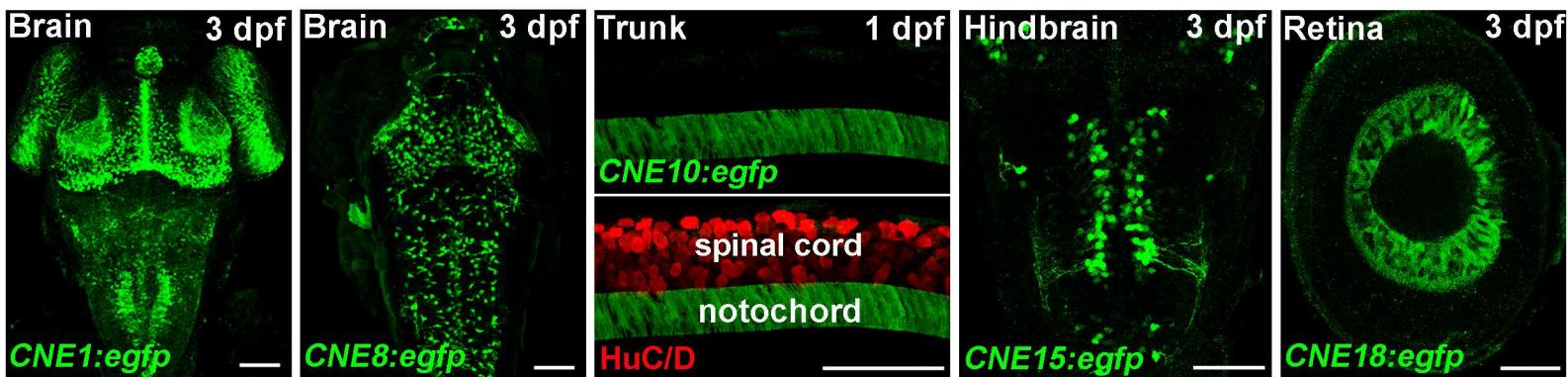


A

**EGFP reporter transgene
in zebrafish with Human CNE**



**EGFP reporter transgene
in zebrafish with Human CNE**

**B****C**

CNE1

rs17421627

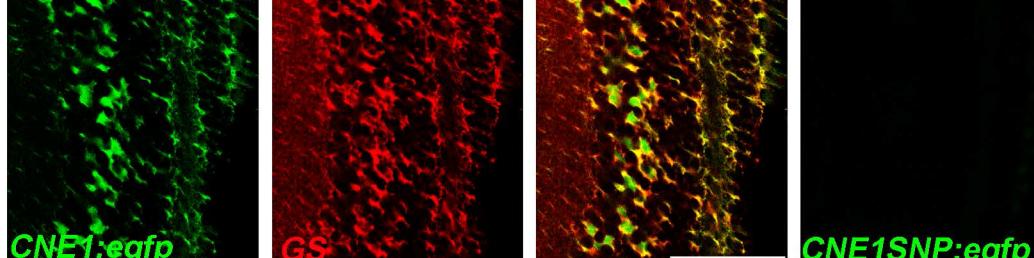


Human
Mouse
Lizard
Frog
Zebrafish

GAAGATGGTATGACAGGGCTTG	Human
GAAGATGGTATGACAAGCTTG	Mouse
GAAGATGGTATGACAGGGCTTG	Lizard
GAAGATGGTATGACAGGGCTTG	Frog
GAAGATGCTATGACAGGCCTTG	Zebrafish

Consensus GAAGATGGTATGACAGGGCTTG

Adult retina

**D**

CNE8

rs1568679

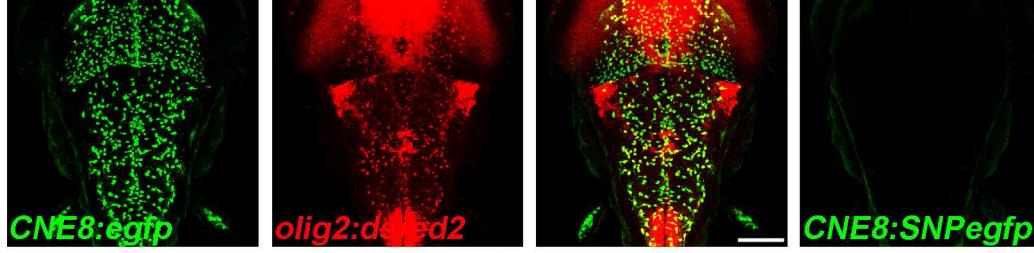


Human
Mouse
Lizard
Frog
Zebrafish

GGGACCCAACTAGCTTGAGAAA	Human
GGGACCCAACTAGCGGAGAGAAA	Mouse
GGGACCCAACTAGCTTGAGAAA	Lizard
GGGACCCAACTAACAGACAAAA	Frog
GGGACCCAACTAGCAGAGAGAAA	Zebrafish

Consensus GGGACCCAACTAGC+GAGAAA

Brain **3 dpf**

**E**

CNE18

rs16932455



Human
Mouse
Lizard
Frog
Zebrafish

TTATACACTTATTGGCTAT-TC	Human
TTATACACTTATTGGCTAT-TC	Mouse
TTATACACTTATTGGCTAT-TC	Lizard
TTACACACTTATTGGCCAT-TC	Frog
TTATATACCTATTAGGTGTAAAC	Zebrafish

Consensus TTATACACTTATTGGCTAT-TC

Retina **2 dpf**

