

Clone	Gene	GenBank Accession No.	Expression in		
			Eye	Pro- nephros	Floor- plate
A1B	homology with MIZF (Hs)	XP_051422.1			
A1D	cytoskeletal actin type-5	M24769		+	
A3A	pescadillo	AAH43950	+	+	
A4A	XFDL 141	XLU65897			
A5E	homology with MGC68561 protein (XI)	AAH59966.1			
A5F	homology with OST48 (Cf)	DOGOST48A			
A6B	gp96	AAO21339		+	
A6E	homology with prothymosin alpha (Mm)	NP_032998.1	+		
A7B	homology with presenilin enhancer2 (Dr)	BJ029038		+	
A7D	XTRAP-gamma subunit	AB058505		+	
A9B	homology with phosphoserine phosphatase (Hs)	NP_004568.1			
A9E	DUF87	AB004793	+	+	
A10C	FXR1	U25163			+
A10E	homology with annexin A2	BC046669	+		
B2C	homology with Solute carrier family 2 transporter (Gg)	NP_997061			
B4A	homology with CtBP (XI)	BC076800.1			
B9F	EAF2	AJ579576	+	+	
B10A	XHSP105	BC077316			
B12B	homology with MAPK7 (XI)	BC077412.1			
B12D	XNCp120.1.2 isoform 1	AF150744.1			
C1G	XWSTF	AF412333	+		
D9E	XCHRAC17	AY271302.1	+		
E11F	YB3	X60217		+	

Supplementary Table 1: Genes identified to be upregulated by Wnt-4. A list of genes is given that have been shown to be upregulated by Wnt-4 in noggin/FGF animal caps. Specific expression domains were determined by whole mount in situ hybridization and are indicated if the potential target gene is expressed in the floor plate or the pronephros, two sites of Wnt-4 expression, indicating the validity of the screen. Eye specific expression is indicated as well. Not all isolated genes revealed a

specific expression pattern. This might be due to the relative small inserts in these clones. Additional 21 clones revealed no homology in a BLAST comparison and most likely represent untranslated and not well conserved regions. Accession numbers are given as well. Dr: *Drosophila melanogaster*, Mm: *Mus musculus*, Xl: *Xenopus laevis*, Gg: *Gallus gallus*, Cf: *Canis familiaris*.