

Figure 3-figure supplement 2

Transcription factor	Expression in mouse/human islets (mature/adults)	Zebrafish orthologue	Expression in zebrafish islets (mature/adults)	Functional orthologue/parologue or equivalent in zebrafish
<i>Neurod1</i>	Pan-endocrine	<i>neurod1</i>	Pan-endocrine	
<i>Pax6</i>	Pan-endocrine	<i>pax6b</i>	Pan-endocrine	<i>pax6b</i>
<i>Isl1</i>	Pan-endocrine	<i>isl1</i>	Pan-endocrine	
<i>Pdx1</i>	β -cells, δ -cells	<i>pdx1</i>	β -cells, sst1.1 δ -cell (this study)	
<i>Nkx6.1</i>	β -cells	<i>nkx6.1</i>	Not expressed in mature islet cells	<i>nkx6.2</i> in β -cells
<i>Nkx6.2</i>	Not detected in mature islet cells	<i>nkx6.2</i>	β -cells	
<i>Mnx1</i>	β -cells	<i>mnx1</i>	β -cells and α -cells	
<i>Hhex</i>	δ -cells	<i>hhex</i>	δ -cells	

Transcription factor	Expression in mouse/human pancreatic progenitors	Zebrafish orthologue	Expression in pancreatic progenitors	Functional orthologue/parologue or equivalent in zebrafish
<i>Ascl1</i> (previously <i>Mash1</i>)	Not expressed in mature islet cells	<i>ascl1b</i>	Not expressed in mature islet cells	<i>ascl1b</i>
<i>Neurog3</i>	Endocrine progenitors. Not expressed in mature islet cells	<i>neurog3</i>	No expression in zebrafish pancreas	<i>ascl1b</i> and <i>neurod1</i> in embryonic progenitors
<i>Nkx6.1</i>	Pancreatic embryonic progenitors (ducts)	<i>nkx6.1</i>	Pancreatic embryonic progenitors and duct cells	
<i>Sox9</i>	Pancreatic embryonic progenitors	<i>sox9b</i>	Pancreatic embryonic progenitors	<i>sox9b</i>
<i>Pdx1</i>	Pancreatic embryonic progenitors and duct cells	<i>Pdx1</i>	Pancreatic embryonic progenitors and duct cells	