

Figure S5

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Candidate Regulator	Direction	Domain	cis -element	Family	Reference	OTX2-positive v negative t-test	Spearman's rho (p-value)
Chd7*	Activator	Inner Ear	ND	ATP-dependent helicase	Hurd et al. 2010	0.203	0.30 (0.013)
Oct4/Pou5f1	Activator	ES cells	ND	POU Homeodomain	Sharov et al. 2008	0.524	0.19 (0.011)
Rax	Activator	Eye	EYE	Paired-type homeodomain	Muranishi et al. 2011	0.968	0.031 (0.051)
Lef1*	Activator	FB/MID	FM1	HMG domain (Wnt effector)	Kurokawa et al. 2004a	0.994	0.012 (0.14)
Yy1	Activator	AN	AN & V/M/C	GLI-Krüppel	Takasaki et al. 2007	0.643	0.24 (0.20)
Brn2	Activator	FB/MID	FM1	POU Homeodomain	Inoue et al. 2012	0.618†	-0.17 (0.49)†
Tcf7*	Activator	FB/MID	FM1	HMG domain (Wnt effector)	Kurokawa et al. 2004a	0.103†	-0.34 (0.43)†
Sox2	Activator	ES cells	ND	Sry Box HMG	Sharov et al. 2008	< 0.001†	-0.25 (0.27)†
Smad3*	Activator	AN	ND	Receptor-regulated Smad	Jia et al. 2009	0.0495†	-0.21 (.29)†
Brn1	Activator	FB/MID	FM1	POU Homeodomain	Inoue et al. 2012	NA	0 (0.0088)
Brn4	Activator	FB/MID	FM1	POU Homeodomain	Inoue et al. 2012	NA	0 (0.0088)
Gbx2	Repressor	Hindbrain	FM1	Homeodomain	Inoue et al. 2012	0.125	-0.24 (0.051)
Eed*	Repressor	Posterior Embryo	ND	Polycomb Group	Schumacher et al. 1996	0.0640	-0.14 (0.56)
Crx	Repressor	Eye	DHS "R"	OTX-like homeobox	Hsiau et al. 2007, Corbo et al. 2010	0.161†	0.24 (0.19)†
Hes1*	Repressor	Eye	EYE	Hes family (Notch effector)	Muranishi et al. 2011	0.534	0.0026 (0.26)†
Suz12*	Repressor	ES Cells	ND	Polycomb Group	Pasini et al. 2007	0.151†	0.32 (0.039)†
Snail	Repressor	Posterior Embryo	ND	Zinc Finger	Carver et al. 2001	NA	0 (0.0088)

