

Summary of effects of parapeineal-ablation upon expression of habenular marker genes

Gene/Marker	Age (dpf)	Phenotype*	Unablated	Failed ablation	Ablated
<i>lov</i>	4	L>R (WT asymm)	100%	100%	0%
		L>R (medium)	0%	0%	15%
		L>R (weak)	0%	0%	85%
		<i>n</i>	8	8	20
<i>ron</i>	4	R>L	83%	-	0%
		R=L	17%	-	100%
		<i>n</i>	6		7
<i>dex</i>	4-5	R>L	90%	67%	27%
		R=L	10%	33%	73%
		<i>n</i>	20	3	15
Anti-Acetylated tubulin immunostaining (neuropil)	4	L>R	100%	-	0%
		L>R (retaining truncated medial tuft)	0%	-	100%
		<i>n</i>	7		11

* For *lov* expression, L>R (WT asymm) indicates the wild-type pattern of *lov* expression. L>R (weak) indicates *lov* was expressed at low levels, characteristic of the wild-type right habenula, on both sides but the left habenula showed a small additional domain of medial expression. L>R (medium) clearly showed stronger expression on the left, but not to the same extent as for wild-type specimens.