

TIM29 is required for enhanced stem cell activity during regeneration in the flatworm *Macrostomum lignano*

Stijn Mouton, Kirill Ustyantsev, Frank Beltman, Lisa Glazenburg, Eugene Berezikov

Supplementary Table 3. Enrichment of neoblast and germline transcripts in differentially expressed genes in various comparisons.

Dataset	Expression Pattern	Germline	Neoblasts
TIM29 Cut compared to TIM29 Uncut	Up	0.02	0.44
TIM29 Cut compared to TIM29 Uncut	Down	5.01	1.18
GFP Cut compared to GFP Uncut	Up	0.02	1.37
GFP Cut compared to GFP Uncut	Down	5.58	0.40
TIM29 Cut compared to GFP Cut	Up	0.09	0.25
TIM29 Cut compared to GFP Cut	Down	0.68	4.77
TIM29 Uncut compared to GFP Uncut	Up	ns	ns
TIM29 Uncut compared to GFP Uncut	Down	ns	ns

Supplementary Table 5. Primers for the production of dsRNA

Gene name	Transcript ID	Forward primer	Reverse primer	Product size, nt
<i>DUF2315</i>	<i>Mlig002791.g5</i>	GCTTGTTATCCTCTTCATCGTC	AAGCTTATGGTTAAACCTGGTG	608
<i>UPF0197</i>	<i>Mlig006314.g7</i>	CACTTCTTGACCGAATGTAAA	TTTCGGGACTAATTCAAAGTCT	658
<i>DUF2366</i>	<i>Mlig032364.g1</i>	AAAGTTGAAAGCAAATTTCTGG	GCCAATCGATATAAAATTGGAA	702