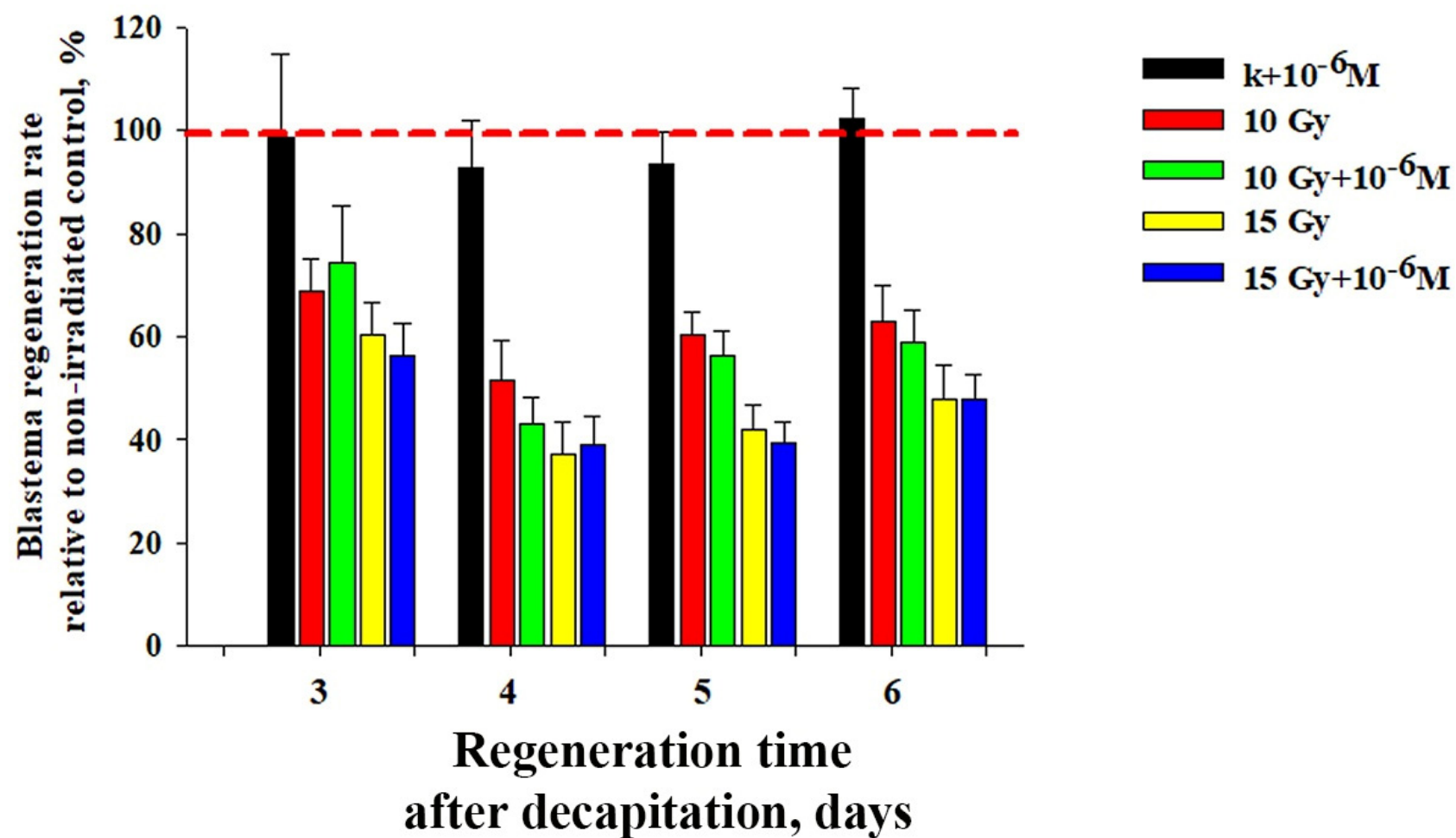


**Table S1.** The primers of studied genes in neoblasts subpopulations analyzed by real time (RT) PCR.

Assembly name <sup>a)</sup>	Clone or gene name	Primer F (5'-3')	Primer R (5'-3')
comp1253_c0_seq1	Smed-zfp-1	GCTTCACTCAAAGATCAAATCTACAGA	TTAGAGCAAACCTCCACATTTGTATGG
comp2038_c0_seq1	Smed-fgfr-1	CATCCAATAAGTGCGCTTCTCTT	CAGTGGGAACTCCAGAATTGAAA
comp2658_c0_seq1	Smed-soxP-3	CTGTCGATTGGCTGGAAACC	CCGGCCTCGATCAATTACAA
comp3849_c0_seq4	Smed-egr-1	GCCGTGTCCGCTCATCAG	CGGCGAGAAGCCTTATTCCT
comp1153_c0_seq1	Smed-soxP-1	GCTGAGAACGCCTGAGACTATAAAA	TGAATCTAGGAATAACAGCCAATTAGG
comp1412_c0_seq1	Smed-nlk-1	CCCAAGAGGTTGTGACCCAATA	CCACATGTGACAGCGAATG
comp1749_c0_seq1	Smed-soxP-2	CGATTGATATAATCTGTCATGCTGTTG	CACGCCCTGAATACGACATTG
comp3519_c0_seq6	Smed-fgfr-4	GCCAAAAAACCACATTTACCA	CTTTGACGAAATCATGCACATTAGA
comp3740_c0_seq1	Smed-inx-13	TTGTTCCAGGGCGTTTCG	CCTCTCCGGCAAAGATTGG
comp4155_c0_seq1	Smed-smad6/7	GACTGACGACAACTGGAAATCG	CTTTAGCAGCATCCAGTGCAATT
comp9026_c0_seq1	Smed-soxB-1	CACCAGCTTGGCAGAGAGATG	GCATAACCGGACGCCAGAT
comp986_c0_seq1	Smed-pbx-1	CCGCTCAAATAAATTCGGAAGAT	TCCAGTTACACCTTCAGCAATAAGC
comp2057_c0_seq1	Smed-gata456	TGTGTGAACTGTGGAGCTAGCAA	TTGAGAGAACCTGTTCGCATTCAT
comp3137_c0_seq1	Smed-hnf4	CGACGCGTTAGACGCATAGAC	GCTTCCTCGATGCAATATCCAT
comp4402_c0_seq1	Smed-prox-1	TCATTTACGAAAGGCCAAACTTATG	TTGTAGAACGTGATATCAGGAAAATAGC

<sup>a)</sup> (Genes of markers neoblasts subpopulations: cyan – the  $\zeta$ -class, light cyan – the  $\sigma$ -class, yellow – the  $\gamma$ -class)



**Figure S1.** Analysis of the effect of cerium chloride on the rate of regeneration of irradiated planarians. M±SD, n=90.