

Insights into Cardiovascular Development of Zebrafish Embryo after Exposure to Dolutegravir

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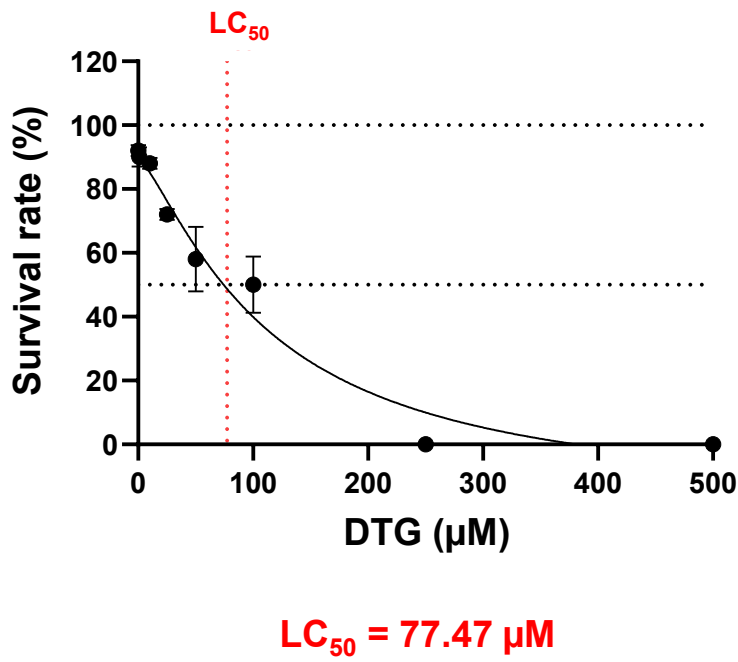
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Supplemental Table 1. List of primers used in real-time RT-PCR.

Primer	Forward sequence	Reverse sequence
<i>myl7/cmlc2</i>	5'-GGAGAGAAGCTCAATGGCACA-3'	5'-GTCATTAGCAGCCTCTTGA ACTCA-3'
<i>myh6/amhc</i>	5'-TGGCGATGCTGACGTTTCTT-3'	5'-TCACGGTGACACAAAACAGCC-3'
<i>vegfaa</i>	5'-CTCCATCTGTCTGCTGTAAAGG-3'	5'-GGGATACTCCTGGATGATGTCTA-3'
<i>flt1/vegfr1</i>	5'-GTATTTGAACAGCACGGGTTTAG-3'	5'-CGGCTTCTTGATATGCGTTTG-3'
<i>kdr1/vegfr2a</i>	5'-TGGAGTTCCAGCACCCCTTA-3'	5'-CGTCCTTCTTCACCCTTTCA-3'
<i>gata1a</i>	5'-GTTTACGGCCCTTCTCCACA-3'	5'-CACATTCACGAGCCTCAGGT-3'
<i>hif1aa</i>	5'-ACAGGGAGTGGGTTTGGA-3'	5'-TGAGTAGCTTCGGGTTGG-3'



Supplementary Figure 1. Dose-dependent dolutegravir (DTG) effects at 48 hours post fertilization (hpf) on zebrafish embryo mortality. Survival rates after exposure of embryos at gastrula stage (4 hpf) to DTG 1-10-25-50-100-250-500 μM . The X-axis shows drug doses; the Y-axis shows survival rates expressed as percentages of all exposed embryos. Lethal concentration 50% (LC_{50}) was estimated by non-linear regression (four-parameter logistic model) as 77.47 μM , using GraphPad Prism 8 (GraphPad Software).