Supplementary Table 1. Morpholino Sequences

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| **Gene** | **Morpholino sequence (5’-3’)** | **concentration** | **reference** |
| *ccm2*  | GAAGCTGAGTAATACCTTAACTTCC | 2ng/μl (fig.5), and 4ng/μl (Supp fig.4) | (Mably et al., 2006) |
| *tnnt2*  | CATGTTTGCTCTGATCTGACACGCA | 5.3 ng/μl | (Sehnert et al., 2002) |
| *gata1*  | CTGCAAGTGTAGTATTGAAGATGTC | 16ng/μl | (Galloway et al., 2005) |
| *tif1γ*  | GCTCTCCGTACAATCTTGGCCTTTG | 2ng/μl | (Monteiro et al., 2011) |
| *klf2a*  | GGACCTGTCCAGTTCATCCTTCCAC | 6ng/μl | (Nicoli et al., 2010) |
| *klf2b*  | AAAGGCAAGGTAAAGCCATGTCCAC | 6ng/μl | (Nicoli et al., 2010) |