

Table S1. Sequences of morpholinos used to knockdown *hvj* and other genes. Exon is abbreviated by E. Mismatch substitutions are shown in lower-case. Sequences targeting the ATG are underlined. Concentrations injected to achieve the reported phenotypes are indicated.

Morpholino	Target	Sequence	Concentration
hvj MO1	ATG	5'-CTGATGCTGCC <u>ATT</u> CCCCATCCATAC-3'	0.2 mM
hvj MO2	E2 donor	5'-AAATTGAATTTTTACCTGATGGAGC-3'	0.2 mM
hvj MMO2	mismatch	5'-AAATTcAAaTTTTAgCTcATcGAGC-3'	0.2 mM
furina MO[1]	E9	5'-GAGGGACTCACAATCTGTTTCTCAT-3'	0.2 mM
furinb MO[1]	E9	5'-AGCCCAGATCGACCCTAGAAACACA-3'	0.2 mM
neogenin MO[2]	ATG	5'-GGCTCCCCGCTCCG <u>CCAT</u> CACTTTA-3'	0.15 mM
mtp2 MO[3]	E3	5'-GAACACCGCCATCTGAAAACAAATA-3'	0.5 mM
RGMa MO	acceptor 5'-UTR	5'-ACACTTTTGGGTTGAGTTTCTTTTGC-3'	0.2 mM
RGMb MO	ATG	5'-AGATCCTGCTCTCCC <u>CAT</u> ACCCATC-3'	0.2 mM
RGMd MO	ATG	5'-GTTGAGAGTGCCGCTTCTCCCC <u>ATG</u> -3'	0.2 mM

References

1. Walker MB, Miller CT, Coffin Talbot J, Stock DW, Kimmel CB (2006) Zebrafish furin mutants reveal intricacies in regulating Endothelin1 signaling in craniofacial patterning. *Dev Biol* 295: 194-205.
2. Mawdsley DJ, Cooper HM, Hogan BM, Cody SH, Lieschke GJ, et al. (2004) The Netrin receptor Neogenin is required for neural tube formation and somitogenesis in zebrafish. *Dev Biol* 269: 302-315.
3. Silvestri L, Pagani A, Nai A, De Domenico I, Kaplan J, et al. (2008) The serine protease matriptase-2 (TMPRSS6) inhibits hepcidin activation by cleaving membrane hemojuvelin. *Cell Metab* 8: 502-511.