

## Supplemental Experimental Procedures:

### (A) mRNA expression constructs: Primers used for sub-cloning into pCS2+

zcdc94-EcoRI-fwd:	CATGGAATTCATGTCGGAAAGAAAAGTTTTAAAT
zcdc94-XhoI-rev:	CATGCTCGAGCTAGTCTGAGCTGCTGTCG
hCCDC94-EcoRI-fwd:	CATGGAATTCATGTCGGAGCGAAAAGTATTAA
hCCDC94-XhoI-rev:	CATGCTCGAGTCAGTTGCTGCCGTTGCTG
zbcl-2-EcoRI-fwd:	CATGGAATTCATGGCTAACGAAATTAGCTATG
zbcl-2-XhoI-rev:	CATGCTCGAGTCACTTCTGAGCAAAAAGGC
zbclxL-EcoRI-fwd:	CATGGAATTCATGTCTTACTATAACCGAGAAC
zbclxL-XhoI-rev:	CATGCTCGAGTCACAGGCGTTTCTGTGC
egfp-ClaI-fwd:	CATGATCGATATGGTGAGCAAGGGCGAG
egfp-EcoRI-rev:	CATGGAATTCGACTTGTACAGCTCGTCCATG
zplrg1-R1-For	CATGGAATTCATGACCGAGGACGTGCAG
zplrg1-Xho-Rev	CATGCTCGAGCTAAAATCGCTTTCTTTTCAGAATC
zplrg1-mut-For4rescue	CATGGGATCCATGACAGAAGATGTCCAAAACATTCAGTCC

### (B) Morpholinos:

translation-blocking " <i>ccdc94 atg</i> ":	AACTTTTCTTTCCGACATGGTTCTC
splice-blocking <i>prp19</i> e3i3:	AGTCAGGTTAAAGGACTCACCCACT
translation-blocking <i>plrg1</i> :	AGTGCTTCTGCACGTCCTCGGTCAT (Kleinriders et al, 2009)
control morpholino:	ATTTGTCCCATCATTCAACGTGTTG

### (C) Validation of *prp19* morpholino specificity: Primers used to amplify *prp19* cDNA

<i>prp19</i> exon1for (F1)	ATAGCGGAGAATGGAGCTGA
<i>prp19</i> intron2rev (R2)	CCCCATGATCAGACTGTTT

### (D) Whole-mount in situ hybridization: Primers used for sub-cloning into pGEM-T-Easy vector

zp53-R1-For	CATGGAATTCATGGCGCAAAACGACAGCC
zp53-Xho-Rev	CATGCTCGAGATCAGAGTCGCTTCTTCCTTC

### (E) qPCR primers and probes (Roche Universal Probe Library)

z28S probe:	Universal Probe #103
z28S-for:	AAACCAACCCGGAGAAGC
z28S-rev:	CGCGAGATTTACACCCTCTCT
zapaf1 probe:	Universal Probe #123
zapaf1L2	CCTGCGCTTCCTAATGCT
zapaf1R2	CTGCATTGGATATCAAAGACCT
zcasp7 probe:	Universal Probe #117
zcasp7L1	AAGGAGACGTGTGCAAGAGC

zcasp7R1	GACAGGCCTGGATGAAAAAG
zgapdh probe:	Universal Probe #147
zgapdh-for:	CAGGCATAATGGTTAAAGTTGGTA
zgapdh-rev:	CATGTAATCAAGGTCAATGAATGG
zp53 pre-mRNA (intron9) probe:	Universal Probe #10
zp53-intron9-for:	GCACAATACACCAGTGGTAAGG
zp53-intron9-rev:	GCAAAAACAATCAGATGCACTT
zp53 mRNA (prom1) probe:	Universal Probe #7
zp53prom1F:	GAGGTCGGCAAATCAATTC
zp53prom1R:	CACCTGGGGGCTGAATAAT
zp73 probe:	Universal Probe #83
zp73L1	CTTTCCAGCAGTCCAGCAC
zp73R1	TTCTTGAGCAATGGAGAGTACG
zplrg1 probe:	Universal Probe #121
zplrg1F	AAACCTATAGCGCAGGACGA
zplrg1R	GTATTCGGCCCGCATCTT
zpuma probe:	Universal Probe #18
zpuma-for:	GCCTTCAGCTTGGACAGC
zpuma-rev:	GGACACTTCCTGTTCTGTTCT