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SUPPLEMENTARY MATERIAL

corresponding to:

Zebrafish enhancer trap line recapitulates embryonic *aquaporin 1a* expression pattern in vascular endothelial cells

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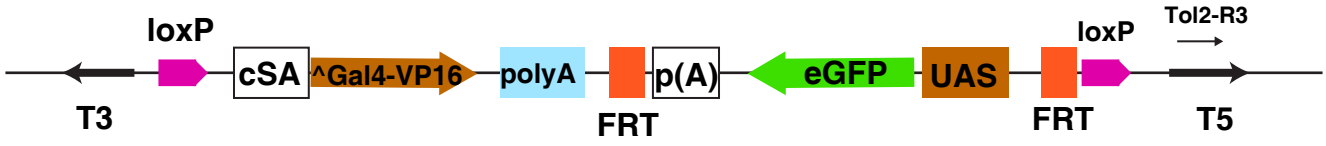

Supplementary Fig. S1. Diagram of the enhancer – gene trap cassette in the GBT-B1 vector. *It contains carp β-actin splice acceptor (cSA) from GBT-P6 (Sivasubbu* et al.*, 2006) and GBT-R15 (Petzold* et al.*, 2009) vectors, zebrafish β-actin 3'UTR and poly (A) site (polyA) from GBT-R15 vector (Petzold* et al.*, 2009), AUG-less GAL4-VP16 (^Gal4-VP16) (Koster and Fraser, 2001), 14x UAS-eGFP expression cassette with minimal β-actin promoter (Koster and Fraser, 2001) and T5 and T3 miniTol2 recognition sites (Balciunas* et al.*, 2006). Tol2-R3 primer location is shown, which was used to sequence the flanking genomic sequence.*

TGAAGTGATCTCCAAAAAATAAGTACTTTTTGACTGTAAATAAAATTGTANNNGAGTAAAAAGTACTTTTTTTTTCTAAAAAAATGTAAT
TAAGTAAAAGTAAAAGTATTGATTTTTAATTGTACTCAAGTAAAGTAAAAATCCCCAAAAATAATACTTAAGTACAGTAATCAAGTAAA
ATTACTCAAGTACTTTACACCTCTGGTAAATACCCATACACTCTCACATTCACACACACTCATACACTACAGGCAATTTAGTTCATCCT
ATTGTAGATTGTAGACAACTCTTAACCCTAACCCTAACCTAATCTGACCCTAACCTATATGAAATGCAAGAACTACAAAGCTCAAAATC
AACACATGATGCAAAATTAACTAAATTTAAGCTGTTTATCTGGATATTCCATGTATATTTTCATAACTATGAAAATATCTGGGCAATTA
AACAGTTTAAAACACCAAAGCCAATTAATAATGAATGTAATGAACGTATTTGGATTGTTTATTCAAAAAGTAGTATTTAATAACTTGTA
CCAAAGAGCCCTGTGCACATCAAGACTATTTTCACTATAGTTATTTGCCAATGTCATTTAAAAACAAAATGAAAACGAAATGCGAACAT
TGTCCTGGTGTGGACAACCCTTAACCCTTAACCCTAACCCTAACCCAACGTAACCCTTACCCATTTCTCTATATGGAATGCAAGAACTA
CAAAGCTCAATGCTACAAATCAACACATGATGTACACTGAAAAAAGTGTTGCATGCAAAACTGTTGCAAACTATTTTATTTGTGTTGAA
TTTAAACAAACAAATTAAGGTTTATTA

Supplementary Fig. S2. Single-pass DNA sequence of inverse PCR fragment obtained using Tol2-R3 primer *shows the GBT-B1 vector (sequence in Blue) and the flanking genomic DNA sequence (yellow background) which is located 23.7 kb upstream of* aqp1a *coding sequence.*