**The plasmid pSEZ-1 (*Psdhb-1::mtLS-cpYFP*)**

Construction: The GFPcoding sequence in pSDH2(P-2)GFP (a plasmid in which the promoter and the mitochondrial localization sequence of SDHB-1were inserted into the vector pPD95.79 before the GFP sequence; kindly provided by B. D. Lemire) was replaced with the cpYFP coding sequence amplified by polymerase chain reaction (PCR) from pShuttle-CMVmito-cpYFP using the Age-1 and EcoR1 restriction sites.

Selection: Ampicillin resistant

Key: red, restriction sites; blue, the *sdhb-1* promoter; black, *sdhb-1* 5’UTR + 1st exon + intron (lower case) + part of 2nd exon; green, cpYFP; grey, pPD95.79 backbone sequence

AAGCTTGCATGCTACCATTTCCGATTGTACAACAGCTAGTTTCTGAAATAAAGATGTTTAGTTGCATTAAATACTTCGAAGAATCTTACTTCCACATATTTTTGACAGGGTCCATCCGAATCCCAAGGATCATCAGTGATCGGCGCTGTTTCGAGCCGCTCTTCTCGAAGAGAAATCACGGAAAATATAAGTAAGCTGCAGAAAAGTATCCTTGAAAGTGAATTTACCATCTGCAAAATAATTTTTATTAAAAAGAAAGCATTTTCTAGCTTTAATATAGTTTTAAAACTAAAATAAACAAACAAATAAATAAAAAACAAAATAAATGTTTGCCCGTAAATCCACACTCAAACTATAAACAACATGCACTGCGTTATTTCGGAGTCTCGTTACAAAAAATAAATAGTCACGTCCATTATCGTCTCATGTTTTTCAACAAATTTCTTTGTATTTACATTTTAATTTCTATTAAACTTTGATTTATTGAATAAATCTCAG**ATG**TTGGCCCGTTCGGCTCGTCTTCTGCACTCGGCGGAGCTCGCCGCCAACGCCATTCGTGCTGCTTCGGGTACGTTTTTTAATTTTGGTAATTTTCCATCAAATATGGTACTTCGTGTGGAATACTAGAAAAATTAAATATAAATTATTTAGGAAAGCATTTTTTAACGAGAAATATTAGGCTTTACCCGAGATTTCACAAGGTTTCGTGTTTTGCACGTAGGCAGCACCTTTTCAACGTTACTATTTTTTAATAAGACGACAATTTTTTATGTTCAGCTTTATTTTGTTTAATTATCTTTGAATAATTTTTCTAACATTACATGAAATTGGATATGTCAGAAAATTATATTATGTCTTCAAAAACTAAAATTTTCCATTTTACACGTAGGCACTGAAAGCTGTAAAGCTCGGTCGTGTTATTAGATGAAAAACGCAGATTTTTTTTTTAAAAATCAAATACTGTTCCGTAAATATTAACCATCATTCAAAGTTCTGTTAATTTAAAAATATCAGTTTTGGAATTTCTTGAATCAAAATTTAAAATTCAAAAAATTTGAGAAAAGGGAATTTATAAATTTATAGCAAGACTTTATAATAAACAAAAATAATGTTTTGAAAAACGTTTTTTTAATTTTGTTTGAGCTCAACGTTGCAAGAATAATATTTATCCCTTAAATTCACCATTTTTAACACTATTTTATTGGAACTGTTTCAGGAGCGCCAGCTACTGCAGCGGCGGCTGAAGCCTCTTTTCCATCAACTGATGATGTAGCCGCCAAGACCAAGAAGACCAGAAACCGTATCAAGACGTTCGAGATCCCCGGGATTGGCCAAAGGACCCAAAGgtatgtttcgaatgatactaacataacatagaacattttcagGAGGACCCTTGCTTGGAGGGTACCGGTAGAAAAAtacaacagcgacaacgtctatatcatggccgacaagcagaagaacggcatcaaggccaacttcaagatccgccacaacatcgaggacggcggcgtgcagctcgccgaccactaccagcagaacacccccatcggcgacggccccgtgctgctgcccgacaaccactacctgagcttccagtccgccctgagcaaagaccccaacgagaagcgcgatcacatggtcctgctggagttcgtgaccgccgccgggatcactctcggcatggacgagctgtacaaggtcgacggtggcagcggtggcaccggtgtgagcaagggcgaggagctgttcaccggggtggtgcccatcctggtcgagctggacggcgacgtaaacggccacaagttcagcgtgtccggcgagggcgagggcgatgccacctacggcaagctgaccctgaagctcatctgcaccaccggcaagctgcccgtgccctggcccaccctcgtgaccaccttcggctacggcctgaagtgcttcgcccgctaccccgaccacatgaagcagcacgacttcttcaagtccgccatgcccgaaggctacgtccaggagcgcaccatcttcttcaaggacgacggcaactacaagacccgcgccgaggtgaagttcgagggcgacaccctggtgaaccgcatcgagctgaagggcatcgacttcaaggaggacggcaacatcctggggcacaagctggagtacaacggtacctaaGAATTC

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