

SUPPLEMENTARY MATERIAL

FIG. S1 MTT5 Primer sequence

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MTT5_FWD 5' - CCGCTGAAGCTGATGCCGGGCGC - 3'  
MTT5_REV 5' - CGTGTCGGTCACGCTGATCGCGC - 3'
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FIG. S2 Gene block amino acid sequence 5' to 3' - Homologous region, GGGGS linker, gene encoding MTT5

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CAGTCCGGCGCGATCAGCGTGACCGACACGGGAGGCGGTGGGAGCGATAAAAATT  
TCTGGTGAAAGCACTAAAATTTGTAGCAAACTGAAGAAAAGTGGTGCTGCTGCC  
CTAGTGAGACCCAAAATTGCTGCAATTCTGATGATAAACAATGTTGTGTCGGTTCA  
GGAGAAGGATGCATATATGTATGCTGCAAGTGTGTAAGGTTCAAGCTGAATGTA  
AATGCGGACCTAATGCTAAATACTGTTGTATAGATCCCAATACTGGAAACTGTTGT  
GTTTGTAAAATAAATTTTGTAGTAAATCAGATTCTAAAGAATGCTGCCCTGGAG  
GTAGTTGCGGAGGCGGTGGATCTCCGCTGAAGCTGATGCCGGGCGCCCTGGCC
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