**Supplementary File 1**

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| Reagent type or resource | Designation | Source or reference | Identifier | Additional information |
| Sequence- based reagent | UGGT1\_PCRcheckFw | This paper | Genomic PCR primer | GTCATTGGGTTAGTGCCCAC |
| Sequence- based reagent | UGGT1\_PCRcheckRv | This paper | Genomic PCR primer | GTGCCCAGCCTTCTTCCACG |
| Sequence- based reagent | UGGT2\_PCRcheckFw | This paper | Genomic PCR primer | TGGCCCTGGAATGACATTAC |
| Sequence- based reagent | UGGT2\_PCRcheckRv | This paper | Genomic PCR primer | TACAATTGACTAGGTACCTGAG |
| Sequence-based reagent | SEL1L\_PCRcheckFw | This paper | Genomic PCR primer | AAGGGCAGGCACACCAAGTC |
| Sequence-based reagent | SEL1L\_PCRcheckRv | This paper | Genomic PCR primer | TGACAGGTCACCGCTTTCTCA |
| Sequence- based reagent | UGGT1-PuroFw | This paper | Primer for vector PCR | GGGAGTTCTGGTTGTACTCACTGTTGAACCTCTTCGAGGGACCTA |
| Sequence- based reagent | UGGT1-PuroRv | This paper | Primer for vector PCR | CCTTTACTGAGGAGAACAGCCACAGCATATTCAATAACCCTTAAT |
| Sequence- based reagent | UGGT1-BackboneFw | This paper | Primer for vector PCR | GGAAAGAGGACATTTTTCCCTTAAGCCACAGAACAGTGAGTACAACCATAGGTCCCTCGAAGAGGTTCACTAG |
| Sequence- based reagent | UGGT1-BackboneRv | This paper | Primer for vector PCR | GTAATGTCAACTTATTTGTAAATACCCACAGAACAGTGAGTACAACCAATTAAGGGTTATTGAATATGATCGG |
| Sequence- based reagen | UGGT1-LarmFw | This paper | Genomic PCR primer | GTATTTACAAATAAGTTGAC |
| Sequence- based reagen | UGGT1-LarmRv | This paper | Genomic PCR primer | AACAGTGAGTACAACCAGAAC |
| Sequence- based reagent | UGGT1-RarmFw | This paper | Genomic PCR primer | CTGTGGCTGTTCTCCTCAGTAAAG |
| Sequence- based reagent | UGGT1-RarmRv | This paper | Genomic PCR primer | CTTAAGGGAAAAATGTCCTC |
| Sequence- based reagent | UGGT1-sgRNAFw | This paper | Primer for vector PCR | GTTGTACTCACTGTTCTGgttttagagctaGAAAtagc |
| Sequence- based reagent | UGGT1-sgRNARv | This paper | Primer for vector PCR | GGTGTTTCGTCCTTTCCAC |
| Sequence- based reagent | UGGT2-HygroFw | This paper | Primer for vector PCR | GATTGCAGCTGATGAGCCACCACCAGAACCTCTTCGAGGGACCTA |
| Sequence- based reagent | UGGT2-HygroRv | This paper | Primer for vector PCR | TAACCACAAATGCATTACAACCATCCATATTCAATAACCCTTAAT |
| Sequence- based reagent | UGGT2-BackboneFw | This paper | Primer for vector PCR | TTTACTAATTCTTTCTGTAGCTTTCCCACCAGATGGTTGTAATGCATTACTAGTTCTAGAGCATTTAAATACG |
| Sequence- based reagent | UGGT2-BackboneRv | This paper | Primer for vector PCR | TTTGGATCTTCCAGTAATGTCCAAGCCACCAGATGGTTGTAATGCATTATCGGAATTCGATAGCGGCCGCTGG |
| Sequence- based reagent | UGGT2-LarmFw | This paper | qRT-PCR primer | CTTGGACATTACTGGAAGATC |
| Sequence- based reagent | UGGT2-LarmRv | This paper | qRT-PCR primer | TGGTGGTGGCTCATCAGCTGC |
| Sequence- based reagent | UGGT2-RarmFw | This paper | qRT-PCR primer | GATGGTTGTAATGCATTTGTG |
| Sequence- based reagent | UGGT2-RarmRv | This paper | qRT-PCR primer | GAAAGCTACAGAAAGAATTAG |
| Sequence- based reagent | UGGT2-sgRNAFw | This paper | Primer for vector PCR | AATGCATTACAACCATCTGGgttttagagctaGAAAtagc |
| Sequence- based reagent | UGGT2-sgRNARv | This paper | Primer for vector PCR | GGTGTTTCGTCCTTTCCAC |
| Sequence- based reagent | UGGT1-cloningFw | This paper | RT-PCR primer | ATAAGAATGCGGCCGCggcatgggctgcaagggagac |
| Sequence- based reagent | UGGT1-cloningRv | This paper | RT-PCR primer | gcTCTAGAtaattcttcacgtttctgag |
| Sequence- based reagent | UGGT2-cloningFw | This paper | RT-PCR primer | ATAAGAATGCGGCCGCgccatggcgccagcgaaagc |
| Sequence- based reagent | UGGT2-cloningRv | This paper | RT-PCR primer | ggGGTACCgaGAGTTCATCATGTGTCAAAATTG |
| Sequence- based reagent | UGGT1-D1358A-Fw | This paper | Primer for vector | tttgtggcagctgatcagattgtacgaacagatct |
| Sequence- based reagent | UGGT1D1358A-Rv | This paper | Primer for vector | aatctgtcagctgccacaacaggaacttgtcaac |
| Sequence- based reagent | SEL1L-clon-Fw | Ninagawa et al., 2011 CSF{Ninagawa, 2011 #263} | RT-PCR primer | ccatcgataggatgcgggtccggatagggc |
| Sequence- based reagent | SEL1L-clon-Rv | Ninagawa et al., 2011 CSF {Ninagawa, 2011 #263} | RT-PCR primer | CGGGATCCctgtggtggctgctgctctg |
| Sequence- based reagent | 3xMyc-Fw | This paper | Primer for vector | cgggatcctgtggtggagttctggagc |
| Sequence- based reagent | 3xMyc-Rv | This paper | Primer for vector | CGGGATCCAAATTCTCTCAAGACAGGTC |
| Sequence- based reagent | RatRI332-cloningFw | This paper | RT-PCR primer | CCCAAGCTTGCGGTCATGGAGGCGCCGATCGTCTT |
| Sequence- based reagent | RatRI332-cloningRv | This paper | RT-PCR primer | GGGGTACCCCTACAAACCGCATCTTCAGTG |