

**Supplemental Table 3 Construct Primer Sequence**

<b>Primer Name</b>	<b>Primer Sequence</b>
<b>psi-CHECK2/H1fnt-F</b>	5'-GTA ACTCGAGAAATCCCCCAGACCACTCAG
<b>psi-CHECK2/H1fnt-R</b>	5'-ATACTTAAGCGGCCGCGTAAATTGCTTCAATGAAAGAG
<b>psi-CHECK2/PGK2-F</b>	5'-GTA ACTCGAGGATGAGAATGCTAAAGTTGG
<b>psi-CHECK2/PGK2-R</b>	5'-ATACTTAAGCGGCCGCTAGTTGACATGAGAATGTTTCC
<b>psi-CHECK2/Prm1-F</b>	5'-GTA ACTCGAGGCCAGATACCGATGCTGCCGCAG
<b>psi-CHECK2/Prm1-R</b>	5'-ATACTTAAGCGGCCGCGACAGGTGGCATTGTTCC
<b>psi-CHECK2/Prm2-F</b>	5'-GTA ACTCGAGGTTTCGCTACCGAATGAGGAGC
<b>psi-CHECK2/Prm2-R</b>	5'-ATACTTAAGCGGCCGCTGGCAGGTGGCTTTGCTCAG
<b>psi-CHECK2/TP1-F</b>	5'-GTA ACTCGAGTCGACCAGCCGCAAGCTAAAGAC
<b>psi-CHECK2/TP1-R</b>	5'-ATACTTAAGCGGCCGCTGAGATGTTGGGGAGAAACAG
<b>psi-CHECK2/TP2-F</b>	5'-GTA ACTCGAGGACACCAAGATGCAGAGCCTTC
<b>psi-CHECK2/TP2-R</b>	5'-ATACTTAAGCGGCCGCCAAGCTTTAATCCATGTTGC
<b>psi-CHECK2/Prm2-a-F</b>	5'-GTA ACTCGAGGTTTCGCTACCGAATGAGGAGC
<b>psi-CHECK2/Prm2-a-R</b>	5'-ATACTTAAGCGGCCGCCTCCTCCTCCTTCGGGATCTTC
<b>psi-CHECK2/Prm2-b-F</b>	5'-GTA ACTCGAGGAAGATCCCGAAGGAGGAGGAG
<b>psi-CHECK2/Prm2-b-R</b>	5'-ATACTTAAGCGGCCGCTGGCAGGTGGCTTTGCTCAG
<b>psi-CHECK2/Prm2-c-F</b>	5'-GTA ACTCGAGGTTTCGCTACCGAATGAGGAGC
<b>psi-CHECK2/Prm2-c-R</b>	5'-ATACTTAAGCGGCCGCACGCCTCTTGTGGATCCTATGTAGC
<b>psi-CHECK2/Prm2-d-F</b>	5'-GTA ACTCGAGGTTTCGCTACCGAATGAGGAGC
<b>psi-CHECK2/Prm2-d-R</b>	5'-ATACTTAAGCGGCCGCGGCTCAGCCCTTGCCCCTGCCCT
<b>psi-CHECK2/Prm2-e-F</b>	5'-TTAGCTCGAGCAGAGCGCGTAGAGGACTATG
<b>psi-CHECK2/Prm2-e-R</b>	5'-ATACTTAAGCGGCCGCACGCCTCTTGTGGATCCTATGTAGC

<b>Primer Name</b>	<b>Primer Sequence</b>
<b>psi-CHECK2/Prm2-f-F</b>	5'-TTAGCTCGAGCAGAGCGCGTAGAGGACTATG
<b>psi-CHECK2/Prm2-f-R</b>	5'-ATACTTAAGCGGCCGCGTAGCCTCTTACGAGAGCAGCGC
<b>psi-CHECK2/Prm2-g-F</b>	5'-TTAGCTCGAGCAGAGCGCGTAGAGGACTATG
<b>psi-CHECK2/Prm2-g-R</b>	5'-ATACTTAAGCGGCCGCGCCTGTGTCTGTGGTGGTGGTGG
<b>psi-CHECK2/Prm2-h-F</b>	5'-TTAGCTCGAGGTAAGAGGCTACATAGGATCCACAAGAGGCGTCGGCGGCCGCTTAAGTAT
<b>psi-CHECK2/Prm2-h-R</b>	5'-ATACTTAAGCGGCCGCGCAGCCTCTTGTGGATCCTATGTAGCCTCTTACCTCGAGCTAA
<b>pCMV-tag2b/Prm2-F</b>	5'-TTAGGAATTCGTTTCGCTACCGAATGAGGAG
<b>pCMV-tag2b/Prm2-R</b>	5'-CTAACTCGAGGTGATGGTGCCTCCTACATTTCC
<b>pCMV-tag2b/TP2-F</b>	5'-TTAGGAATTCGACACCAAGATGCAGAGCCTTCC
<b>pCMV-tag2b/TP2-R</b>	5'-CTAACTCGAGTCACTTGTATCTTCGCCCTGAGC
<b>Prm2-a/I-aX sense</b>	5'-CAGGCGCTGCTCTCGTAACACCCTACATAGGATCCACAA
<b>Prm2-a/I-aX anti-sense</b>	5'-TTGTGGATCCTATGTAGGGTGTACGAGAGCAGCGCCTG
<b>Prm2-a/II-aX sense</b>	5'-GGCTACATAGGATCCACAACACCCGTCGGTCATGCAGAAGGC
<b>Prm2-a/II-aX anti-sense</b>	5'-GCCTTCTGCATGACCGACGGGTGTTGTGGATCCTATGTAGCC
<b>Prm2-a/II-bX sense</b>	5'-GCTACATAGGATCCACAACCTCCGGTCGGTCATGCAGAAGG
<b>Prm2-a/II-bX anti-sense</b>	5'-CCTTCTGCATGACCGACCGGAGTTGTGGATCCTATGTAGC
<b>psi-CHECK2/TP2-CD-F</b>	5'-GTAACCTCGAGGACACCAAGATGCAGAGCCTTCC
<b>psi-CHECK2/TP2-CD-R</b>	5'-ATACTTAAGCGGCCGCTCACTTGTATCTTCGCCCTGAGC
<b>psi-CHECK2/TP2-MRE-F</b>	5'-GTAACCTCGAGGAGGCGGAAACGGACTCACAGAGCTAAGAGGCGTGCGGCCGCTTAAGTAT
<b>psi-CHECK2/TP2-MRE-R</b>	5'-ATACTTAAGCGGCCGCACGCCTCTTAGCTCTGTGAGTCCGTTTCCGCCTCCTCGAGTTAC
<b>Tp2-CD/X sense</b>	5'-GGAAACGGACTCACAGAGCTAACACCCGTAGCTCAGGGCGAAG
<b>Tp2-CD/X anti-sense</b>	5'-CTTCGCCCTGAGCTACGGGTGTTAGCTCTGTGAGTCCGTTTCC
<b>Tp2-MRE/X-F</b>	5'-GTAACCTCGAGGAGGCGGAAACGGACTCACAGAGCTAACACCCGTGCGGCCGCTTAAGTAT
<b>Tp2-MRE/X-R</b>	5'-ATACTTAAGCGGCCGCACGGGTGTTAGCTCTGTGAGTCCGTTTCCGCCTCCTCGAGTTAC