IgG-detection devices for the Tus-*Ter*-lock immuno-PCR diagnostic platform

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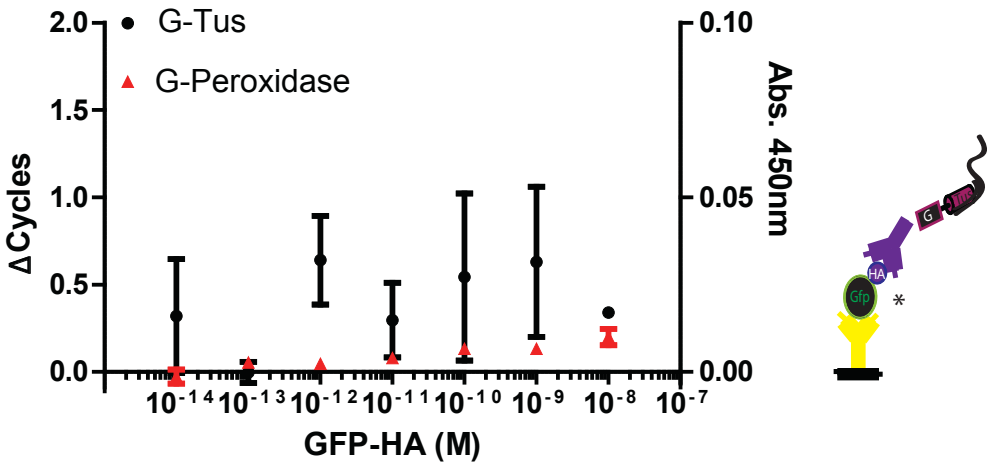

Figure 1S

Performance of the G-Tus detection device in a sandwich TT-lock qIPCR format using a chicken IgY-based capture system and a primary rat anti-HA IgG. Chicken anti-GFP IgY was used for capture of GFP fused to an HA epitope. Rat anti-HA IgG was used as a primary antibody. The efficiency of G-Tus (black circles) and G-peroxidase (red triangles) was compared for detection of GFP through its HA-epitope. As expected and in agreement with the litterature, the Protein G-based detection devices did not bind to the rat IgG.

Table S1: Oligonucleotide sequences

JCU49	AAAAAAACATATGGGCGGCGGCGCGCGTTACGATCTCGTAGACC
JCU50	AAAAAAAGAATTCAAATTCGCAACATACAGGTGCAGCC
JCU119	AAAAAAGTCGACGCGCGTTACGATCTCGTAGACCGACTCAACACTACC
JCU120	AAGCTTGTCGACGGAGCTCGAATTCAAATTCGCAAC
JCU121	AAAAAAGGATCCGCGCGTTACGATCTCGTAGACCGACTCAACACTACC
JCU122	AAAAAAGGATCCATTCGCAACATACAGGTGCAGCCGTGGAATGATC
JCU156	CCAGAAGAACCCATGGACACTTAC
JCU157	AAAAAAGGATCCGAAGCGGCCGCCATTTCAGTTACCG
JCU152	TATGGGTAGCGGTACCGGTAGCGCTAGCGGACCTCAAGGGTTGGGAACGAG
JCU153	CGCGCTCGTTCCCAACCCTTGAGGTCCGCTAGCGCTACCGGTACCGCTACCCA
JCU159	AGCTTGGACCTCAAGGGTTGGGTACCTACCCATACGATGTTCCAGATTACGCTC
JCU160	TCGAGAGCGTAATCTGGAACATCGTATGGGTAGGTACCCAACCCTTGAGGTCCA
JCU161	GGCCGGCGCTAGCTTGGG
JCU162	AAAAAAGAATTCAATTTGTAGAGCTCATCCATGCCATGTG
JCU45	CACCGCTGAGCAATAACTAGCATAAAAAAAAGAACTGGATCTCAACAGCGGTCTTTAGTTACAACA TACTTATA
JCU46	TATGTTGTAACTAAAGACCGCTGTTGAGATCCAGTTC
JCU39	CACCGCTGAGCAATAACTAGCAT
JCU40	ACCGCTGTTGAGATCCAGTTC
JCU222	Bio.CTTTAGTTACAACATACTTATACACCGCTGAGCAATAACTAGCATAAAAAAAAGAACTGGAT CTCAACAGCGGT