

# Resource Summary Report

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## Generation of SARS-COV-2 RNA transcript standards for qRT-PCR detection assays

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Type: Protocol

### Proper Citation

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### Protocol Information

**URL:** <https://dx.doi.org/10.17504/protocols.io.bdv6i69e>

**Authors:** Chantal Vogels, Joseph Fauver, Isabel Ott, Nathan Grubaugh

**Group:** Coronavirus Method Development Community

**Summary:** The protocol describes how to generate high-quality single-stranded RNA transcript standards (starting from a virus RNA stock) targeting the nsp10, RdRp, nsp14, envelope (E), and nucleocapsid (N) coding regions for use with China CDC, Hong Kong University (HKU), Corman et al. (Berlin), and US CDC SARS-CoV-2 primer and probe sets for qRT-PCR. (Sequences for transcripts generated, along with their corresponding assays, are provided under 'Guidelines'.)

**Affiliations:** Department of Epidemiology of Microbial Diseases, Yale School of Public Health, Department of Epidemiology of Microbial Diseases, Yale School of Public Health, Department of Epidemiology of Microbial Diseases, Yale School of Public Health, Department of Epidemiology of Microbial Diseases, Yale School of Public Health

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