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| **Fluorescent Target Molecule (Protein) 1:** | |
| General information | |
| Name (full name and/or abbreviation) | RNA-dependent RNA polymerase (RdRp) |
| Uniprot accession code | AIX10733.1 (nsp12)  P0DTD1 (nsp7, nsp8) |
| Biochemical details | |
| Domain boundaries | nsp12 (4393-5324)  nsp7 (3860-3942)  nsp8 (3943-4140) |
| Calculated molecular weight [kDa] | nsp12 (109.4 kDa)  nsp7 (9.5 kDa)  nsp8 (22.2) |
| Details (SS bridges, mutations, glycosylation etc.) (if any) |  |
| Co-factors for binding/activity (e.g. Ca2+-dependent) | NA |
| Fusion protein with a tag? (His, Strep, etc.) | His-tag (nsp12) |
| Availability and stability | |
| Supplier | Crelux |
| Purity | TBD |
| Comments | |
| Protein trimer currently in production | |
| Recommendations from Crelux | |
| Preferred constructs and sources:   1. RNA-dependent RNA polymerase (see information above):    * Crelux | |

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| **Small molecule (and protein) interactions to analyze:** | | | | |
|  | Titrant | Expected Kd or IC50 (if available) | Solubility in assay buffer (if available) | Comments |
| 1 | nanobody | nM range | NA | For assay setup – provided by client |
| 2 | Remdesivir metabolite GS-443902 trisodium | Low µM | NA | For assay setup – purchased by Crelux |
| 3 | Ribavirin | nM to low µM | NA | For assay setup – purchased by Crelux |
| 4 | Favipiravir | nM to low µM | NA | For assay setup – purchased by Crelux |
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