## Supplementary Tables

**Supplementary Table 1.** Primer sequences used in this study

| Target Gene | Primer Name | Sequence (5'-3') |
|-------------|-------------|-----------------|
| GAPDH       | GAPDH F     | TGCACCACCAACTGCTTAGC |
|             | GAPDH R     | GCCATGGACTGTGGTCATGAG |
| IFIH1       | IFIH1 F     | GCTGAAGTAGGAGTCAAAGCCC |
|             | IFIH1 R     | CCACTGTGAGCTGAATAAGCAG |
| DHX58       | DHX58 F     | ATGACCACCTGGAGATGCCTGA |
|             | DHX58 R     | CATTTGAGCGCTCAGGCTGAAG |
| DDX60       | DDX60 F     | TTGTGCACCTGGCATTCCTCAT |
|             | DDX60 R     | TCAGCCTTTGTCTCGTGTC |
| OAS3        | OAS3 F      | TCAGAAGCCAGGGCTATCAT |
|             | OAS3 R      | CAACTTCCACAGCGCCCTTCA |
| ZBP1        | ZBP1 F      | GGGACACAGCAATGAGATGA |
|             | ZBP1 R      | TCCTGGAAGGGAGATCCTT |
| MX1         | MX1 F       | GGCTGTTTACCAGACTCCGA |
|             | MX1 R       | CACAAAGCCTGGAGCAGCTT |
| MX2         | MX2 F       | ATGAATGTGCTGGCGGACCT |
|             | MX2 R       | AAGCTTTCTGCGGAGG |
| IFITM1      | IFITM1 F    | AGAAGATGCAACAGGAGGAACAT |
|             | IFITM1 R    | ATATGCTGAGACTGCTCAAGAGG |
| IFNβ        | IFNB F      | GTGGAGAATGGATGGAGG |
|             | IFNB R      | GTCTCATTCCCAGCCAGT |
| pcDNA3.1-ORF8-Flag construct | ORF8-Flag-F | TACCAGCTGGATCCGACCACCATGAAATTTCTTTGTTTCGATGTCATC |
|             | ORF8-Flag-R | GATATCTGCAAGATTCTTATTGTCTAGTGTCGTCCTTTGTCGATG |
|             |             | GATAACTGCAAGATCTTACTTCTTACTCAGAGCAGT 
### Supplementary Table 2. List of predicted amyloidogenic peptides in ORF8\textsuperscript{SARS-CoV-2} protein

| Parallel Aggregates | Free Energy (Kcal/mol) | Pairing Segments (aa) |
|---------------------|------------------------|-----------------------|
| #1                  | -10.07                 | 3-13                  |
| #2                  | -9.96                  | 3-16                  |
| #3                  | -9.88                  | 3-17                  |
| #4                  | -9.57                  | 3-14                  |
| #5                  | -9.18                  | 4-13                  |
| #6                  | -9.07                  | 3-15                  |
| #7                  | -9.07                  | 4-16                  |
| #8                  | -8.98                  | 4-17                  |
| #9                  | -8.91                  | 1-13                  |
| #10                 | -8.80                  | 1-16                  |
| #11                 | -8.73                  | 2-13                  |
| #12                 | -8.72                  | 1-17                  |
| #13                 | -8.68                  | 4-14                  |
| #14                 | -8.62                  | 2-16                  |
| #15                 | -8.54                  | 2-17                  |
| #16                 | -8.44                  | 3-18                  |
| #17                 | -8.43                  | 5-13                  |
| #18                 | -8.41                  | 1-14                  |
| #19                 | -8.31                  | 5-16                  |
| #20                 | -8.23                  | 2-14                  |

Identification of aggregation-prone fragments in ORF8\textsuperscript{SARS-CoV-2} protein was done using the PASTA 2 prediction server (http://protein.bio.unipd.it/pasta2/). The list shows all aggregation prone peptides that possess a threshold of free energy < - 5, which are in ORF8\textsuperscript{SARS-CoV-2} N-terminal.