Supplementary Figure 1. sIFNAR2 primer sequence design.

Supplementary Table 1. Primer information and/or sequence.

| Gene name | DNA sequence / Catalog number |
|-----------|------------------------------|
| IFNAR1    | Cat. no: PPH00869F-200 QIAGEN |
| IFNAR2    | Cat. no: PPH00870B-200 QIAGEN |
| MxA       | Cat. no: PPH01325A-200 QIAGEN |
| PSEN1     | Cat. no: QT00001862 QIAGEN    |
| PSEN2     | Cat. No: QT00196854 QIAGEN    |
| GAPDH     | Cat. no: PPH00150F-200 QIAGEN |
| sIFNAR2   | Sense: 5' CCCGAAATAAAAGGAAACATGA 3'  |
|           | Antisense: 5' GGCCAGGAATCAGAATTTTCATAACT 3' |
| ADAM17    | Sense: 5' CCCGATGATGAGCAGTTT 3'   |
|           | Antisense: 5' AATCAAGCTTTCTCGAGTCTCT 3' |
Supplementary Figure 2. ΔsIFNAR2 for each patient after 6 or 12 months of IFN-β treatment onset in (A) Cohort 1 and (B) Cohort 2.