

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' CCCCAGTGTGAGCAGTTT 3' Antisense: 5' AATCAAGCTTCTCGAGTCTCT 3' |

Supplementary Figure 2. Δ sIFNAR2 for each patient after 6 or 12 months of IFN- β treatment onset in (A) Cohort 1 and (B) Cohort 2.

