| Individual | Gender | Age | Risk<br>group <sup>1</sup> | CDC<br>disease<br>stage <sup>2</sup> | Viral load<br>pre-treatment<br>(copies/ml) |           | Viral load<br>during-treatment<br>(copies/ml) |           | Viral load<br>post-treatment<br>(copies/ml) |         | CD4+<br>count<br>(cells/µl) | HIV-1<br>subtype <sup>3</sup> | IFN-α/RBV<br>sample⁴ |
|------------|--------|-----|----------------------------|--------------------------------------|--------------------------------------------|-----------|-----------------------------------------------|-----------|---------------------------------------------|---------|-----------------------------|-------------------------------|----------------------|
|            |        |     |                            |                                      | HIV-1                                      | HCV       | HIV-1                                         | HCV       | HIV-1                                       | HCV     |                             |                               |                      |
| Α          | М      | 38  | IDU                        | А                                    | 43,200                                     | 500,000   | 11,400                                        | 0         | N/A <sup>5</sup>                            | N/A     | 404                         | В                             | 52.1                 |
| В          | М      | 45  | OTHER                      | В                                    | 55,215                                     | 2,490,000 | 6,322                                         | 2,980,000 | 29,857                                      | N/A     | 270                         | В                             | 13.6                 |
| С          | М      | 42  | MSM                        | А                                    | 78,886                                     | 9.9E+11   | 18,902                                        | 20        | 474,255                                     | 0       | 587                         | В                             | 25.7                 |
| D          | F      | 26  | HET                        | А                                    | 13,100                                     | 700,000   | 10,986                                        | 0         | 15,072                                      | 461,701 | 374                         | В                             | 48.6                 |
| Е          | М      | 28  | HET                        | А                                    | 167,500                                    | 1,255,000 | 22,200                                        | 0         | 101,000                                     | 0       | 501                         | В                             | 26.6                 |
| 1          | М      | 32  | MSM                        | А                                    | 4,070                                      | 2,310,000 | 346                                           | 0         | 17,700                                      | N/A     | 755                         | В                             | 47.7                 |
| J          | М      | 39  | IDU                        | А                                    | 8,620                                      | 2,760,116 | 1,376                                         | 0         | 13,200                                      | 140,349 | 590                         | В                             | 47.6                 |

**Table S1.** SHCS subject characteristics at baseline (pre IFN-α/RBV treatment).

<sup>1</sup> Risk groups are defined as follows: HET = heterosexual, IDU = intravenous drug use, MSM = men who have sex with men.
<sup>2</sup> CDC disease stage is defined as follows: A = asymptomatic, acute infection or persistent generalized lymphadenopathy, B = symptomatic conditions, C = AIDS-indicator conditions.

<sup>3</sup> HIV-1 subtype was determined by applying the REGA subtyping algorithm to *pol* sequences (previously generated for drug resistance genotyping) <sup>4</sup> Weeks post-initiation of IFN- $\alpha$ /RBV treatment that the on-treatment sample was collected. <sup>5</sup> N/A = Not available