

Supplementary table 1: Main characteristics of the 5 patients who had two liver biopsies

Patients	Gender	HCV genotype	IFNL3	Time period between the 2 biopsies	Age at the first biopsy	Fibrosis progression
1	W	2	TT	4 years 9months	35	F1 to F2
2	W	1	TT	2 years 5months	55	F1 to F2
3	W	1	CC	7 years 4 months	44	F1 to F2
4	M	1	TT	8 years 7 months	38	F0 to F1-F2
5	M	1	CC	7 years 1 month	32	F1 to F2

Supplementary table 2: Comparison of IFNL3 rs12979860 and rs8099917 polymorphism.

	IFNL3 rs12979860		Total of Patients
	CC	Non CC (CT+TT)	
IFNL3 rs8099917			
TT	7	0	7
Non TT (TG+GG)	0	21	21
Total of patients	7	21	28

Supplementary table 3: Raw data for the expression of mir-122.

The mean Ct values are represented for each patient.

pNR: primary non-response

cEVR: complete early virological response

SVR: sustained virological response

NR: Non-response

RR: relapse

1-133: patients with chronic hepatitis C

N1-N9: Non-infected patients

N°Patient	Response at week 12	Response 24 weeks after the end of the treatment	IFNL3 rs12979860	mCt mir-122 (biopsies)	mCt SNORD44 (biopsies)	mCt mir-122 (serum)	mCt mir-39 (serum)
1	pNR	NR	T/T	14,815	19,06	23,505	22,24
2	pNR	NR	T/T	16,19	21,14	24,51	23,8
3	cEVR	RR		16,205	21,21		
4	cEVR	SVR	T/T	16,49	20,505		
5		NR	T/T	15,605	20,89		
6	cEVR	SVR	C/T	15,57	22,255		
7	cEVR	RR	T/T	13,205	18,315		
8	cEVR	SVR	C/C	16,055	22,035		
9	cEVR	SVR	C/T	16,205	21,48	23,23	23,465
10	pNR	SVR	C/C	16,57	21,3	23,63	23,75
11	pNR	NR	C/C	14,66	19,6		
12	pNR	SVR	C/C	15,315	20,03	25,965	23,53
13	pNR	NR	T/T	15,96	20,315		
14	cEVR	SVR	T/T	14,61	20,09		
15	pNR	NR	C/T	14,91	18,38	27,7	22,84
16	pNR	NR	C/T	16,95	21,035		
17	cEVR	RR	C/T	12,75	17,345	26,8	19,685
18	cEVR	SVR	C/T	15,065	20,05	28,42	22,31
19	cEVR	SVR	C/T	13,54	19,85		
20	pNR	NR	C/T	16,195	20,99	28,295	23,365
21	pNR	NR	T/T	18,66	22,1		
22	cEVR	SVR	C/T	12,945	16,48		
23		SVR		15,065	21,36		
24		NR		15,75	20,875		
25	pNR	SVR		14,075	19,66		
26	cEVR	SVR	C/T	14,115	19,745	28,815	22,545

27	cEVR	SVR	C/C	15,27	22,4	28,92	24,2
28		SVR	C/C	15,58	22,605		
29	cEVR	SVR	C/C	14,405	18,525	26,51	23,735
30	cEVR	SVR	C/C	17,22	20,46		
31	cEVR	SVR	C/C	14,555	19,755		
32	pNR	RR	T/T	14,805	20,5	32,26	27,105
33	cEVR	SVR	C/C	14,65	18,56	23,62	23,255
34	cEVR	SVR	C/C	13,395	19,58	23,05	21,605
35	pNR	NR	C/T	15,17	19,63	23,9	22,825
36	cEVR	RR	C/C	14,05	19,515	28,095	22,685
37	cEVR	NR	C/T	14,18	19,24		
38	pNR	NR	C/T	14,88	19,39	26,21	23,855
39	cEVR	SVR	C/T	14,96	18,935	28,025	21,84
40	pNR	NR	C/C	15,535	19,68		
41	pNR	NR	C/T	16,285	21,3	30,255	23,58
42	pNR	NR	C/T	15,96	20,045	31,555	24,435
43	cEVR	SVR	C/T	15,415	20,195	28,05	25,075
44	cEVR	SVR	C/T	14,6	20,18		
45		SVR	C/C	14,74	19,755	26,82	21,005
46	cEVR	RR	C/T	17,15	20,94		
47	pNR	NR	C/C	15,37	21,56		
48	cEVR	SVR	C/T	15,525	20,245	28,345	22,895
49		SVR	C/T	14,41	19,71		
50	cEVR	SVR	T/T	14,615	20,28		
51		SVR		15,445	20,88	31,73	24,21
52	cEVR	RR	T/T	13,43	19,08		
53	cEVR	SVR	C/C	13,975	20,28		
54	cEVR	SVR		14,955	20,56	33,075	26,445
55	pNR	NR	T/T	15,975	20,93	29,75	23,33
56	cEVR	SVR	T/T	13,705	20,165		
57	cEVR	RR	C/C	13,155	18,97		
58	cEVR	SVR	T/T	14,9	18,395		
59	cEVR	RR	C/T	14,63	18,925	30,895	26,415
60	cEVR	RR	C/T	11,795	16,18	27,185	23,5
61	pNR	RR	C/C	13,385	18,125	27,14	23,355
62	cEVR	SVR	T/T	15,29	20,075	30,34	25,3
63	pNR	RR	C/T	14,58	18,785	26,315	22,305
64	cEVR	NR	C/C	16,1	21,405	33,875	23,795
65	cEVR	SVR	T/T	14,865	19,32		
66	cEVR	SVR	T/T	14,515	18,465		
67	cEVR	SVR	C/T	14,35	19,015		
68		SVR		16,305	22,905	26,605	22,685
69		SVR		13,62	18,35	31,49	26,68
70	cEVR	SVR	C/C	14,47	18,505	30,02	28,28
71	cEVR	SVR	C/C	14,215	18,655	32,45	25,12
72	pNR	NR	T/T	15,13	19,545	24,55	23,25

73	pNR	NR	T/T	15,79	19,885	33,845	29,39
74	pNR	SVR	C/T	16,275	19,885	28,47	26,11
75	cEVR	RR	C/T	14,81	19,295	35,38	30,235
76		SVR	C/C	13,89	19,77	34,47	28,95
77		RR	C/C	13,75	18,83		
78	pNR	SVR	C/T	15,13	19,335		
79	pNR	NR	C/C	15,44	19,22	26,615	25,035
80	cEVR	SVR	C/C	15,61	21,375		
81	cEVR	SVR	C/T	16,14	20,97	29,225	26,025
82	cEVR	RR	C/T	15,575	19,8	30,515	24,355
83	cEVR	RR	C/T	14,365	18,575		
84		RR	C/T	14,9	18,9		
85	pNR	RR	C/T	15,49	17,845	31,905	28,13
86	cEVR	SVR	C/C	13,42	18,18		
87	pNR	NR		14,25	20,015	30,345	27,2
88	cEVR	SVR	C/T	13,34	18,545	29,31	25,395
89	pNR	NR	C/C	14,985	20,44	30,165	25,585
90	cEVR	SVR	T/T	15,715	22,76	32,315	25,405
91	pNR	SVR	C/T	15,12	19,725		
92	cEVR	SVR	C/C	15,19	21,57	29,44	27,125
93	cEVR	SVR		15,04	20,42	29,53	21,545
94	pNR	NR	T/T	15,05	19,72	28,185	21,895
95	pNR	NR		15,765	20,19	35,19	21,76
96	cEVR	SVR	C/C	15,19	20,405	32,815	21,59
97	pNR	NR	T/T	16,705	21,885	28,945	23,855
98	pNR	NR	T/T	15,765	19,64	27,945	21,065
99		SVR		14,81	20,1		
100		NR	C/T	14,345	18,7		
101		NR	T/T	15,23	19,755	29,69	20,39
102		NR	T/T	14,45	19,8	28,475	19,64
103		NR	C/T	13,805	19,26	31,22	20
104		NR	C/T	16,585	20,305	30,59	23,015
105	cEVR	NR	C/C	14,845	20,05	26,71	20,39
106	pNR	NR	T/T	14,885	18,7		
107	pNR	NR	T/T	14,23	18,66	32,01	27,995
108	cEVR	SVR	C/T	15,675	19,555	28,225	21,535
109	cEVR	SVR		14,595	19,49	30,56	21,4
110	cEVR	SVR	C/C	14,845	19,97	28,965	20,28
111	cEVR	SVR	C/T	21,02	24,835	28,11	21,76
112	cEVR	SVR	C/C	21,02	25,24	29,8	20,81
113	cEVR	RR	C/C	15,85	21,72	24,8	24,645
114		NR	C/T	16,365	22,63	30,09	19,94
115	cEVR	SVR	C/T			29,15	27,21
116	pNR	NR	C/T			26,61	24,835
117	pNR		T/T	23,56	26,755	29,6	26,895
118	pNR	NR	C/C			31,19	26,685

119	cEVR	SVR	C/T	22,735	27,015	27,635	24,035
120	pNR	NR	C/T			28,15	21,045
121	cEVR	?	C/T	19,89	24,215	27,315	24,22
122	pNR	NR	T/T	21,605	25,445	28,925	25,295
123	pNR	SVR	C/C	22,33	27,12	22,565	19,255
124	pNR	RR	C/T			27,35	20,085
125	pNR	SVR	C/C	16,59	20,835	24,705	22,07
126		SVR	C/T			28,075	24,545
127	pNR		C/T	18,305	23,105		
128		SVR		18,335	23,38		
129	pNR	NR	C/C	17,19	22,115	32,435	27,925
130	cEVR	RR		14,315	19,72		
131	pNR	SVR	C/T	15,06	20,95		
132		SVR	C/C	18,05	21,99		
133		NR	C/T	16,11	21,315		
N1				16,59	22,44		
N2				16,055	21,435		
N3				16,63	22,015		
N4				16,92	21,86		
N5				17,415	22,72		
N6				16,175	22,5		
N7				15,425	21,38		
N8				15,29	20,715		
N9				15,415	21,725		