

Figure S1

A. Lineal regression analysis result for methylation data adjusted by sex, age and metabolic syndrome:

```
regress met i.group sex age sdmet
```

/*	Source	SS	df	MS	Number of obs	=	56
	Model	17854.672	5	3570.9344	F(5, 50)	=	6.45
	Residual	27697.0034	50	553.940069	Prob > F	=	0.0001
					R-squared	=	0.3920
					Adj R-squared	=	0.3312
	Total	45551.6754	55	828.212281	Root MSE	=	23.536

	met	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
	group					
	hiv	37.81065	12.92824	2.92	0.005	11.8435 63.77779
hiv and nash		22.05978	9.776461	2.26	0.028	2.42318 41.69638
	sex	6.527869	7.980103	0.82	0.417	-9.50064 22.55638
	age	-.0277798	.3430109	-0.08	0.936	-.7167375 .6611779
	sdmet	-10.64851	8.40743	-1.27	0.211	-27.53533 6.238307
	_cons	14.71444	22.86531	0.64	0.523	-31.21188 60.64076

B. Lineal regression analysis result for telomere lenght data adjusted by sex, age and metabolic syndrome:

```
regress telom i.group sex age sdmet
```

/*	Source	SS	df	MS	Number of obs	=	55
	Model	4.04674219	5	.809348438	F(5, 49)	=	1.93
	Residual	20.5145704	49	.418664703	Prob > F	=	0.1057
					R-squared	=	0.1648
					Adj R-squared	=	0.0795
	Total	24.5613126	54	.454839123	Root MSE	=	.64704

	telom	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
	group					
	hiv	.4053819	.3554293	1.14	0.260	-.3088801 1.119644
hiv and nash		.5047478	.269778	1.87	0.067	-.0373913 1.046887
	sex	-.2792006	.2195564	-1.27	0.209	-.7204157 .1620145
	age	-.0065559	.0095627	-0.69	0.496	-.0257728 .0126611
	sdmet	-.0796635	.2318935	-0.34	0.733	-.545671 .3863439
	_cons	2.199475	.6348337	3.46	0.001	.923729 3.475221

C. Sensitivity analysis eliminating samples from participants with cured HCV, for both, methylation (top) and telomere length (bottom) data: :

	met	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
	group					
	hiv	48.1607	10.20094	4.72	0.000	27.65034 68.67107
hiv and nash		33.02709	7.021968	4.70	0.000	18.90848 47.1457
	_cons	7.883765	5.293007	1.49	0.143	-2.75854 18.52607

	telom	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
	group					
	hiv	.39	.2862271	1.36	0.180	-.1858146 .9658146
hiv and nash		.4772222	.1987933	2.40	0.020	.0773017 .8771427
	_cons	1.5467	.1485159	10.41	0.000	1.247924 1.845476

Figure S1: Linear regression analysis tables obtained from STATA. hiv = HIV, nash = MAFLD, hiv and nash = HIV and MAFLD. All the analysis are performed compared to the reference group, MAFLD.