

Supplementary Table S5. Branch site analyses of HCV phylogenies. *p* values were FDR corrected to account for the number of tested branches. The non structural region was divided into two sub regions (Reg1 and Reg2) based on the presence of a recombination breakpoint.

		BUSTED	MA vs MA1	Selected Sites	Selected Sites	Selected Sites
Region	Branch	<i>p</i> value (FDR correction)	<i>p</i> value (FDR correction)	(both methods)	BUSTED	BEB
E1/E2						
	GT1	0.710 (0.71)	0.057 (0.057)	-	-	-
	GT1_GT4	0.064 (0.072)	1.98x10-06 (3.57x10 ⁻⁶)	-	-	3
	GT1_GT4_GT5	0.018 (0.023)	0.020 (0.022)	1	1	3
	GT2	8.34x10 ⁻⁵ (2.50x10 ⁻⁴)	1.12x10 ⁻⁶ (3.36x10 ⁻⁶)	12	13	15
	GT2_GT7	1.66x10 ⁻³ (3.10x10 ⁻³)	6.35x10 ⁻⁵ (8.16x10 ⁻⁵)	6	10	8
	GT2_GT3_GT7	1.75x10 ⁻⁵ (7.88x10 ⁻⁵)	3.98x10 ⁻⁷ (1.79x10 ⁻⁶)	4	7	6
	GT3	1.72x10 ⁻³ (3.10x10 ⁻³)	3.47x10 ⁻⁷ (1.79x10 ⁻⁶)	1	4	5
	GT4	0.012 (0.018)	1.72x10 ⁻⁶ (3.57x10 ⁻⁶)	0	2	5
	GT6	7.04x10 ⁻⁷ (6.34x10 ⁻⁶)	2.77x10 ⁻⁶ (4.16x10 ⁻⁶)	9	14	11
NS Reg1						
	GT1	3.03x10 ⁻³ (7.18x10 ⁻³)	2.05x10 ⁻¹⁰ (6.15x10 ⁻¹⁰)	1	1	9
	GT1_GT4	3.19x10 ⁻³ (7.18x10 ⁻³)	3.73x10-05 (4.80x10 ⁻⁵)	1	2	2
	GT2	0.067 (0.10)	7.66x10-05 (8.62x10 ⁻⁵)	-	-	3
	GT2_GT7	0.033 (0.059)	1.01x10 ⁻¹⁷ (9.09x10 ⁻¹⁷)	-	-	6
	GT2_GT3_GT7	1.96x10 ⁻³ (7.18x10 ⁻³)	2.97x10 ⁻⁸ (6.68x10 ⁻⁸)	6	8	7
	GT3	1 (1)	1.79x10 ⁻¹¹ (8.06x10 ⁻¹¹)	-	-	12
	GT4	0.975 (1)	3.68x10 ⁻⁴ (3.68x10 ⁻⁴)	-	-	5
	GT5_GT6	2.56x10 ⁻³ (7.18x10 ⁻³)	2.17x10 ⁻⁵ (3.26x10 ⁻⁵)	4	4	4
	GT6	0.088 (0.11)	3.19x10 ⁻⁷ (5.74x10 ⁻⁷)	-	-	5
NS Reg2						
	GT1	5.17x10 ⁻⁹ (1.16x10 ⁻⁸)	1.79x10 ⁻²⁴ (1.61x10-23)	7	9	16
	GT1_GT4	2.55x10 ⁻⁴ (2.55x10 ⁻⁴)	1.01x10 ⁻⁹ (1.01x10 ⁻⁹)	4	4	4
	GT1_GT4_GT5	1.09x10 ⁻⁵ (1.23x10 ⁻⁵)	5.61x10 ⁻¹⁰ (6.31x10 ⁻¹⁰)	1	3	1
	GT2	9.66x10 ⁻⁹ (1.74x10 ⁻⁸)	2.54x10 ⁻²³ (1.14x10 ⁻²²)	9	14	15
	GT2_GT7	8.31x10 ⁻¹¹ (2.49x10 ⁻¹⁰)	2.32x10 ⁻²⁰ (6.96x10 ⁻²⁰)	12	15	14
	GT3	3.04x10 ⁻⁸ (3.91x10 ⁻⁸)	4.86x10 ⁻¹⁰ (6.25x10 ⁻¹⁰)	7	13	13
	GT3_GT6	2.40x10 ⁻⁸ (3.60x10 ⁻⁸)	2.14x10 ⁻¹² (3.21x10 ⁻¹²)	7	11	7
	GT4	1.12x10 ⁻¹¹ (5.04x10 ⁻¹¹)	4.79x10 ⁻¹⁹ (8.62x10 ⁻¹⁹)	8	15	12
	GT6	1.39x10 ⁻¹³ (1.25x10 ⁻¹²)	2.58x10 ⁻¹⁹ (5.81x10 ⁻¹⁹)	11	19	19

GT, genotype; NS, non structural region.