

AUTHOR'S CORRECTION

Evidence of Viral Adaptation to HLA Class I-Restricted Immune Pressure in Chronic Hepatitis C Virus Infection

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Volume 80, no. 22, p. 11094–11104, 2006: Page 11095, Materials and Methods, Bulk viral sequencing and HCV genotyping, line 7: “5517M13F/6531M13R and 6430M13F/7481M13R” should read “3494M13F/4550M13R and 4441M13F/5627M13R.”

Page 11096: Add the following as the last paragraph of Materials and Methods.

Nucleotide sequence accession numbers. The HCV NS3 sequences from individuals studied in this article have been deposited in GenBank with the sequential accession numbers EF139657 through EF139773.

Due to the sequence length restrictions of GenBank, one HCV NS3 sequence could not be deposited into this database. This population-based study includes viral sequences with missing sequence relative to the HCV H77 reference sequence. The submitted sequences represent a median of 95% of the 1,893 nucleotides within NS3 (interquartile range of 59 to 100%). Missing sequence was not included in the analysis. We acknowledge that the availability of complete sequence for all individuals would have increased the power to detect significant associations at some residues. We wish to inform the readers that at the time of the submission of this Author's Correction, missing sequences and gaps are represented by the International Union of Pure and Applied Chemistry code “N” in GenBank, which can also denote undetermined bases. Note that sequence gaps are annotated as such for each sequence, but that the use of sequence formatting tools (e.g., FASTA) will not show annotated gaps. For this reason, the accompanying table includes a summary of the number of bases determined, the number and percentage of nucleotide mixtures, the number of undetermined bases (i.e., N's), the number of gaps, and the number of nucleotides, including gaps, for each accession number.

GenBank accession number	# Nucleotides (excludes gaps)	# Nonambiguous (ACGT) nucleotides	# Nucleotide mixtures (excluding N's)	% Nucleotide mixtures (excluding N's)	# Ambiguous bases (N's)	# of gaps	# Nucleotides spanned by the sequence (including gaps)
EF139657	1,893	1,892	1	0.05	0	0	1,893
EF139658	1,893	1,892	1	0.05	0	0	1,893
EF139659	1,893	1,882	11	0.58	0	0	1,893
EF139660	1,893	1,892	1	0.05	0	0	1,893
EF139661	1,893	1,890	3	0.16	0	0	1,893
EF139662	1,740	1,731	9	0.52	0	1	1,746
EF139663	1,350	1,331	19	1.41	0	2	1,893
EF139664	1,644	1,644	0	0	0	1	1,893
EF139665	1,689	1,689	0	0	0	1	1,893
EF139666	1,893	1,888	5	0.26	0	0	1,893
EF139667	717	717	0	0	0	0	717
EF139668	1,557	1,554	3	0.19	0	1	1,893
EF139669	1,209	1,208	1	0.08	0	2	1,563
EF139670	1,818	1,773	45	2.48	0	1	1,893
EF139671	1,893	1,892	1	0.05	0	0	1,893
EF139672	978	958	8	2.04	12	1	1,560
EF139673	1,890	1,849	41	2.17	0	1	1,893
EF139674	1,893	1,881	12	0.63	0	0	1,893
EF139675	1,767	1,761	6	0.34	0	0	1,767
EF139676	1,893	1,892	1	0.05	0	0	1,893
EF139677	1,881	1,862	19	1.01	0	1	1,893
EF139678	1,893	1,866	27	1.43	0	0	1,893
EF139679	1,848	1,838	10	0.54	0	0	1,848
EF139680	1,809	1,786	23	1.27	0	1	1,893
EF139681	1,860	1,853	7	0.38	0	1	1,893
EF139682	1,848	1,845	3	0.16	0	0	1,848
EF139683	1,893	1,883	10	0.53	0	0	1,893
EF139684	1,290	1,279	11	0.85	0	2	1,893
EF139685	1,680	1,639	41	2.44	0	1	1,893
EF139686	1,770	1,759	11	0.62	0	0	1,770
EF139687	972	971	1	0.1	0	1	1,512
EF139688	1,872	1,865	7	0.37	0	1	1,893
EF139689	213	213	0	0	0	0	213
EF139690	1,482	1,482	0	0	0	1	1,530
EF139691	1,893	1,890	3	0.16	0	0	1,893
EF139692	1,770	1,735	35	1.98	0	0	1,770
EF139693	1,482	1,480	2	0.13	0	0	1,482
EF139694	714	714	0	0	0	0	714
EF139695	1,893	1,883	10	0.53	0	0	1,893
EF139696	792	792	0	0	0	0	792
EF139697	1,170	1,135	35	2.99	0	1	1,605
EF139698	1,881	1,877	4	0.21	0	1	1,893
EF139699	1,083	1,083	0	0	0	1	1,095
EF139700	414	410	4	0.97	0	1	1,893
EF139701	1,185	1,162	23	1.94	0	1	1,893
EF139702	1,470	1,446	24	1.63	0	0	1,470
EF139703	1,092	1,090	2	0.18	0	0	1,092
EF139704	1,116	1,113	3	0.27	0	2	1,719
EF139705	1,113	1,105	8	0.72	0	1	1,893
EF139706	1,893	1,888	5	0.26	0	0	1,893
EF139707	1,893	1,889	4	0.21	0	0	1,893
EF139708	993	990	3	0.3	0	0	993
EF139709	147	147	0	0	0	0	147
EF139710	1,887	1,873	14	0.74	0	1	1,893
EF139711	141	141	0	0	0	0	141
EF139712	1,506	1,485	21	1.39	0	0	1,506
EF139713	867	866	1	0.12	0	2	915
EF139714	1,791	1,786	5	0.28	0	1	1,794
EF139715	1,893	1,878	15	0.79	0	0	1,893
EF139716	1,095	1,095	0	0	0	0	1,095
EF139717	1,794	1,793	1	0.06	0	0	1,794
EF139718	981	980	1	0.1	0	0	981
EF139719	1,881	1,878	3	0.16	0	1	1,893
EF139720	960	941	19	1.98	0	2	1,893
EF139721	1,179	1,163	16	1.36	0	2	1,893
EF139722	1,110	1,109	1	0.09	0	0	1,110

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GenBank accession number	# Nucleotides (excludes gaps)	# Nonambiguous (ACGT) nucleotides	# Nucleotide mixtures (excluding N's)	% Nucleotide mixtures (excluding N's)	# Ambiguous bases (N's)	# of gaps	# Nucleotides spanned by the sequence (including gaps)
EF139723	1,860	1,859	1	0.05	0	1	1,893
EF139724	1,173	1,163	10	0.85	0	1	1,785
EF139725	1,890	1,883	7	0.37	0	1	1,893
EF139726	1,791	1,779	12	0.67	0	0	1,791
EF139727	156	156	0	0	0	0	156
EF139728	1,893	1,891	2	0.11	0	0	1,893
EF139729	1,893	1,889	4	0.21	0	0	1,893
EF139730	1,833	1,830	3	0.16	0	1	1,893
EF139731	960	957	3	0.31	0	0	960
EF139732	1,836	1,796	40	2.18	0	1	1,893
EF139733	1,176	1,175	1	0.09	0	1	1,776
EF139734	1,893	1,880	13	0.69	0	0	1,893
EF139735	1,893	1,892	1	0.05	0	0	1,893
EF139736	1,893	1,890	3	0.16	0	0	1,893
EF139737	1,176	1,172	4	0.34	0	1	1,893
EF139738	966	966	0	0	0	0	966
EF139739	1,773	1,769	4	0.23	0	1	1,791
EF139740	1,893	1,853	40	2.11	0	0	1,893
EF139741	1,866	1,857	9	0.48	0	1	1,893
EF139742	1,878	1,875	3	0.16	0	1	1,893
EF139743	1,782	1,767	15	0.84	0	0	1,782
EF139744	474	465	9	1.9	0	0	474
EF139745	1,815	1,782	33	1.82	0	1	1,893
EF139746	1,845	1,818	27	1.46	0	1	1,893
EF139747	957	953	4	0.42	0	0	957
EF139748	1,893	1,831	62	3.28	0	0	1,893
EF139749	1,893	1,863	30	1.58	0	0	1,893
EF139750	1,617	1,576	41	2.54	0	1	1,704
EF139751	1,893	1,892	1	0.05	0	0	1,893
EF139752	144	144	0	0	0	0	144
EF139753	102	102	0	0	0	0	102
EF139754	1,809	1,800	9	0.5	0	1	1,893
EF139755	1,815	1,781	34	1.87	0	1	1,893
EF139756	1,401	1,373	28	2	0	1	1,737
EF139757	1,872	1,861	11	0.59	0	1	1,893
EF139758	1,446	1,432	14	0.97	0	0	1,446
EF139759	1,893	1,893	0	0	0	0	1,893
EF139760	1,893	1,893	0	0	0	0	1,893
EF139761	1,890	1,834	56	2.96	0	1	1,893
EF139762	1,893	1,890	3	0.16	0	0	1,893
EF139763	1,806	1,794	12	0.66	0	1	1,893
EF139764	1,893	1,880	13	0.69	0	0	1,893
EF139765	1,893	1,890	3	0.16	0	0	1,893
EF139766	1,815	1,782	33	1.82	0	1	1,893
EF139767	726	726	0	0	0	0	726
EF139768	735	735	0	0	0	0	735
EF139769	1,356	1,349	7	0.52	0	2	1,893
EF139770	1,863	1,846	17	0.91	0	2	1,893
EF139771	927	925	2	0.22	0	1	1,611
EF139772	744	743	1	0.13	0	0	744
EF139773	1,893	1,892	1	0.05	0	0	1,893