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Patterns of Resistance-associated Substitutions in Patients With Chronic HCV Infection Following Treatment with Direct-acting Antivirals

Julia Dietz, Simone Susser, Johannes Vermehren, Kai-Henrik Peiffer, Georgios Grammatikos, Annemarie Berger, Peter Ferenci, Maria Buti, Beat Müllhaupt, Bela Hunyady, Holger Hinrichsen, Stefan Mauss, Jörg Petersen, Peter Buggisch, Gisela Felten, Dietrich Hüppe, Gaby Knecht, Thomas Lutz, Eckart Schott, Christoph Berg, Ulrich Spengler, Thomas von Hahn, Thomas Berg, Stefan Zeuzem, Christoph Sarrazin

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## ACCEPTED MANUSCRIPT

Patterns of Resistance-associated Substitutions in Patients With Chronic HCV Infection Following Treatment with Direct-acting Antivirals

Short title: HCV RASs in European DAA-experienced patients

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