



assigned to new sequences as they are identified. Lists of such new names will be published in the following WHO Nomenclature Report.

### AUTHOR CONTRIBUTIONS

Marine Cargou and Jonathan Visentin contributed to the design of the study. Marine Cargou and Jonathan Visentin participated in the writing of the paper. Marine Cargou, Marco Andreani, Maria Troiano, Gwendaline Guidicelli and Jonathan Visentin participated in the performance of the research. Marine Cargou, Marco Andreani, Maria Troiano, Gwendaline Guidicelli and Jonathan Visentin participated in data analysis. Marco Andreani, Maria Troiano and Gwendaline Guidicelli were involved in critical revision of the manuscript.

### ACKNOWLEDGMENTS

The authors thank the technicians of the Bordeaux and Roma Immunology laboratories for their technical expertise.

### CONFLICT OF INTEREST

The authors confirm that there are no conflicts of interest.

### DATA AVAILABILITY STATEMENT

The data that support the findings of this study are available on request from the corresponding author. The data are not publicly available due to privacy or ethical

restrictions. The sequence is freely available in the IPD-IMGT/HLA Database.

### ORCID

Marine Cargou  <https://orcid.org/0000-0002-1141-1417>  
 Marco Andreani  <https://orcid.org/0000-0003-3451-3624>  
 Maria Troiano  <https://orcid.org/0000-0001-7702-0745>  
 Jonathan Visentin  <https://orcid.org/0000-0003-3795-8979>

### REFERENCES

1. Cargou M, Ralazamahaleo M, Blouin L, et al. Evaluation of the AllType kit for HLA typing using the ion torrent S5 XL platform. *HLA*. 2020;95(1):30-39. doi:10.1111/tan.13708
2. Robinson J, Barker DJ, Georgiou X, Cooper MA, Flicek P, Marsh SGE. IPD-IMGT/HLA Database. *Nucleic Acids Res*. 2020; 48(D1):D948-D955. doi:10.1093/nar/gkz950
3. Marsh SGE, Albert ED, Bodmer WF, et al. Nomenclature for factors of the HLA system, 2010. *Tissue Antigens*. 2010;75(4): 291-455. doi:10.1111/j.1399-0039.2010.01466.x

**How to cite this article:** Cargou M, Andreani M, Troiano M, Guidicelli G, Visentin J. Characterization of the novel *HLA-DQA1\*02:01:14* allele by sequencing-based typing. *HLA*. 2023; 101(3):298-299. doi:10.1111/tan.14896

## Characterization of the novel *HLA-DQA1\*05:05:14* allele by sequencing-based typing

Marine Cargou<sup>1</sup>  | Marco Andreani<sup>2</sup>  | Mariarosa Battarra<sup>2</sup>  |  
 Mamy Ralazamahaleo<sup>1</sup> | Jonathan Visentin<sup>1,3</sup> 

<sup>1</sup>CHU de Bordeaux, Laboratoire d'Immunologie et Immunogénétique, Hôpital Pellegrin, Bordeaux, France

<sup>2</sup>Laboratorio d'Immunogenetica dei Trapianti, IRCCS Ospedale Pediatrico Bambino Gesù, Rome, Italy

<sup>3</sup>Univ. Bordeaux, CNRS, ImmunoConcEpT, UMR 5164, Bordeaux, France

### Correspondence

Marine Cargou, CHU de Bordeaux, Laboratoire d'Immunologie et Immunogénétique, Hôpital Pellegrin, Place Amélie Raba Léon, 33076 Bordeaux Cedex, France.  
 Email: [marine.cargou@chu-bordeaux.fr](mailto:marine.cargou@chu-bordeaux.fr)

*HLA-DQA1\*05:05:14* differs from *HLA-DQA1\*05:05:01:04* by one nucleotide substitution in codon –8 in exon 1.

### KEYWORDS

HLA, *HLA-DQA1\*05:05:14*, novel allele, sequencing-based typing

We report here a novel *HLA-DQA1\*05:05* allele, now named *DQA1\*05:05:14* that carries one nucleotide

substitution in exon 1 when compared to the *DQA1\*05:05:01:04* allele, identified in a volunteer bone