

Report #2018-5-1113 (November 13, 2018)

IMGT Nomenclature Committee (IMGT-NC)

Submission by Danillo Augusto and Verónica Calonga Solís (25/08/18, 12/11/18).

Final results from IMGT-NC expert analysis: November 13, 2018.

27 sequences *Homo sapiens* IGHC with 27 accession numbers

Concern **3 genes**: *Homo sapiens* IGHG1, *Homo sapiens* IGHG2, *Homo sapiens* IGHG3.

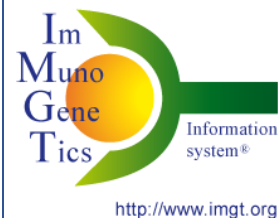
Correspond to **27 alleles**:

- **9 new alleles of the *Homo sapiens* IGHG1 gene**: IGHG1*06, IGHG1*07, IGHG1*08, IGHG1*09, IGHG1*10, IGHG1*11, IGHG1*12, IGHG1*13, IGHG1*14
- **9 new alleles of the *Homo sapiens* IGHG2 gene**: IGHG2*07, IGHG2*08, IGHG2*09, IGHG2*10, IGHG2*11, IGHG2*12, IGHG2*13, IGHG2*14, IGHG2*15
- **9 new alleles of the *Homo sapiens* IGHG3 gene**: IGHG3*21, IGHG3*22, IGHG3*23, IGHG3*24, IGHG3*25, IGHG3*26, IGHG3*27, IGHG3*28, IGHG3*29

IMGT gene name	Submitted sequences	GenBank /ENA/DDBJ accession number	IMGT-NC conclusions		
			IMGT allele name	IMGT allele functionality	IMGT comments
<i>Homo sapiens</i> IGHG1	IGHG1*N14303FDB	MG920252	IGHG1*06	F	NEW
<i>Homo sapiens</i> IGHG1	IGHG1*07GKW203	MG920245	IGHG1*07	F	NEW
<i>Homo sapiens</i> IGHG1	IGHG1*08OR038	MG920246	IGHG1*08	F	NEW
<i>Homo sapiens</i> IGHG1	IGHG1*N9326LLS	MG920247	IGHG1*09	F	NEW
<i>Homo sapiens</i> IGHG1	IGHG1*N10OR004	MG920248	IGHG1*10	F	NEW
<i>Homo sapiens</i> IGHG1	IGHG1*N11OR078	MG920249	IGHG1*11	F	NEW

REPORT #2018-5-1113

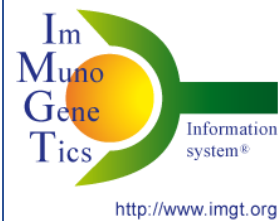
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<i>Homo sapiens</i> IGHG1	IGHG1*N12GRC132	MG920250	IGHG1*12	F	NEW
<i>Homo sapiens</i> IGHG1	IGHG1*N13OR082	MG920251	IGHG1*13	F	NEW
<i>Homo sapiens</i> IGHG1	IGHG1*N15GRC153	MG920253	IGHG1*14	F	NEW
<i>Homo sapiens</i> IGHG2	IGHG2*N7GKW221	MH025828	IGHG2*07	F	NEW
<i>Homo sapiens</i> IGHG2	IGHG2*N8OR021	MH025829	IGHG2*08	F	NEW
<i>Homo sapiens</i> IGHG2	IGHG2*N9GRC179	MH025830	IGHG2*09	F	NEW
<i>Homo sapiens</i> IGHG2	IGHG2*N10GRC173	MH025831	IGHG2*10	F	NEW
<i>Homo sapiens</i> IGHG2	IGHG2*N11OR078	MH025832	IGHG2*11	F	NEW
<i>Homo sapiens</i> IGHG2	IGHG2*N12OR044	MH025833	IGHG2*12	F	NEW
<i>Homo sapiens</i> IGHG2	IGHG2*N13OR087	MH025834	IGHG2*13	F	NEW
<i>Homo sapiens</i> IGHG2	IGHG2*N14OR024	MH025835	IGHG2*14	F	NEW
<i>Homo sapiens</i> IGHG2	IGHG2*N15OR009	MH025836	IGHG2*15	F	NEW
<i>Homo sapiens</i> IGHG3	IGHG3*N21or038	MG920255	IGHG3*21	F	NEW
<i>Homo sapiens</i> IGHG3	IGHG3*N20grc155	MG920254	IGHG3*22	F	NEW
<i>Homo sapiens</i> IGHG3	IGHG3*N23OR035	MH025837	IGHG3*23	F	NEW
<i>Homo sapiens</i> IGHG3	IGHG3*N24OR029	MG920257	IGHG3*24	F	NEW
<i>Homo sapiens</i> IGHG3	IGHG3*N26OR090	MG920258	IGHG3*25	F	NEW
<i>Homo sapiens</i> IGHG3	IGHG3*N27161TBO	MG920259	IGHG3*26	F	NEW

REPORT #2018-5-1113

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<i>Homo sapiens</i> IGHG3	IGHG3*N28620XAM	MG920260	IGHG3*27	F	NEW
<i>Homo sapiens</i> IGHG3	IGHG3*29new	MG786813	IGHG3*28	F	NEW
<i>Homo sapiens</i> IGHG3	IGHG3*N30OR030	MG920261	IGHG3*29	F	NEW