

Report #2019-9-0320 (March 20, 2019)

IMGT Nomenclature Committee (IMGT-NC)

Sequences in FASTA sent by Florence Migot-Nabias (March 16, 2019).

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Final results from IMGT-NC expert analysis: March 20, 2019.

10 sequences *Homo sapiens* IGHC with 10 accession numbers KX670549 to KX670557.

Concern 2 different genes (IGHG2, IGHG4).

Correspond to:

6 new alleles (partial) (2 IGHG2 (*16, *17), 4 IGHG4 (*05, *06, *07, *08) (NEW)

and 4 sequences assigned to 3 known alleles (2 IGHG2*07, 1 IGHG2*08, 1 IGHG2*11) ('Lit').

IMGT gene name	Submitted sequence header	GenBank /ENA/DDBJ accession number	IMGT-NC conclusions		
			IMGT allele name	IMGT allele functionality	IMGT comments
<i>Homo sapiens</i> IGHG2	IGHG2*08i	KX670550	IGHG2*07	F	Lit
<i>Homo sapiens</i> IGHG2	IGHG2*08i	KX670551	IGHG2*07	F	Lit
<i>Homo sapiens</i> IGHG2	IGHG2*09i	KX670552	IGHG2*08 or IGHG2*13	F	Lit
<i>Homo sapiens</i> IGHG2	IGHG2*07i	KX670549	IGHG2*11	F	Lit
<i>Homo sapiens</i> IGHG2	IGHG2*10i	KX670553	IGHG2*16	F	NEW (partial) *
<i>Homo sapiens</i> IGHG2	IGHG2*11i	KX670554	IGHG2*17	F	NEW (partial) *
<i>Homo sapiens</i> IGHG4	IGHG4*05i	KX670555	IGHG4*05	F	NEW (partial) *
<i>Homo sapiens</i> IGHG4	IGHG4*06i	KX670556	IGHG4*06	F	NEW (partial) *
<i>Homo sapiens</i> IGHG4	IGHG4*07i	KX670557	IGHG4*07	F	NEW (partial) *
<i>Homo sapiens</i> IGHG4	IGHG4*08i	KX670558	IGHG4*08	F	NEW (partial) *

*New allele despite the sequence partiality owing to the entry date in GenBank (March 21, 2017).