

Report #2019-18-1218 (December 18, 2019)

IMGT Nomenclature Committee (IMGT-NC)

Sequences in FASTA approved by the inferred allele review committee (IARC) of the adaptive immune receptor repertoire (AIRR) Community, and submitted by IARC on December 11, 2019.

Final results from IMGT-NC expert analysis: December 18, 2019.

4 sequences *Homo sapiens* IGHV with 4 accession numbers MK471386, MK471382, MK471384 and MK471385.

Concern 4 different genes (4 IGHV).

Correspond to:

3 new alleles (1 IGHV4-61 (*10), 1 IGHV1-69 (*18), 1 IGHV4-4 (*09) ('NEW')) and 1 known allele IGHV4-59 (*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> IGHV4-61 | IGHV4-61*i02 | MK471386 | IGHV4-61*10 | F | NEW |
| <i>Homo sapiens</i> IGHV1-69 | IGHV1-69*i02 | MK471382 | IGHV1-69*18 | F | NEW |
| <i>Homo sapiens</i> IGHV4-4 | IGHV4-4*i02 | MK471384 | IGHV4-4*09 | F | NEW |
| <i>Homo sapiens</i> IGHV4-59 | IGHV4-59*i02 | MK471385 | IGHV4-59*11 | F | Lit |