

REPORT #2021-1-0608

IMGT Nomenclature Committee (IMGT-NC)



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Sequences in FASTA and files approved by Ivana Mikocziova, and submitted by Ivana Mikocziova on June 04, 2021.

Final results from IMGT-NC expert analysis: June 08, 2021.

**12 sequences *Homo sapiens* IGKV and IGLV with 12 accession numbers
MW316667, MW316668, MW316669, MW316670, MW316671, MW316672,
MW316673, MW316674, MW316675, MW316676, MW316677, MW316678.**

Concern 6 different genes (3 IGKV, 5 IGLV).

Correspond to:

- 5 new alleles (IGKV1-8 (*02), IGKV1-8 (*03), IGKV1-5 (*04), IGKV1-5 (*05), IGKV4-1 (*02) ('NEW')).
- 1 known allele (IGKV1-8 (*01) ('Lit')).
- 4 new alleles (IGLV1-44 (*02), IGLV1-44 (*03), IGLV2-14 (*05), IGLV7-46 (*04) ('NEW')).
- 2 known alleles (IGLV6-57 (*04), IGLV10-54 (*04) ('Refseq')).

IMGT gene name	Submitted sequence header	GenBank /ENA/DDB J accession number	IMGT-NC conclusions		
			IMGT allele name	IMGT allele functionality	IMGT comments
<i>Homo sapiens</i> IGKV1-8	7.2_IGKV1-8_G12A_T31C	MW316669	IGKV1-8*02	F	NEW
<i>Homo sapiens</i> IGKV1-8	II.a_IGKV1-8_T31C	MW316671	IGKV1-8*03	F	NEW
<i>Homo sapiens</i> IGKV1-8	II.b_IGKV1-8_01	MW316672	IGKV1-8*01	F	Lit
<i>Homo sapiens</i> IGKV1-5	I.d_IGKV1-5_G171A	MW316670	IGKV1-5*04	F	NEW
<i>Homo sapiens</i> IGKV1-5	VII.a_IGKV1-5_T115C_G171A	MW316676	IGKV1-5*05	F	NEW
<i>Homo sapiens</i> IGKV4-1	III.a_IGKV4-1_A318G	MW316673	IGKV4-1*02	F	NEW

<i>Homo sapiens</i> IGLV1-44	2.1_IGLV1-44_C146G	MW316667	IGLV1-44*02	F	NEW
<i>Homo sapiens</i> IGLV1-44	3.2_IGLV1-44_C215T	MW316668	IGLV1-44*03	F	NEW
<i>Homo sapiens</i> IGLV2-14	IV.a_IGLV2-14_T213C_T214C_A220G	MW316674	IGLV2-14*05	F	NEW
<i>Homo sapiens</i> IGLV7-46	V.c_IGLV7-46_A213C	MW316675	IGLV7-46*04	F	NEW
<i>Homo sapiens</i> IGLV6-57	IX.a_IGLV6-57_C21G	MW316677	IGLV6-57*04	F	Refseq
<i>Homo sapiens</i> IGLV10-54	X.b_IGLV10-54_A228C	MW316678	IGLV10-54*04	F	Refseq