

REPORT #2019-4-0116

IMGT Nomenclature Committee (IMGT-NC)



Report #2019-4-0116 (January 16, 2019)

IMGT Nomenclature Committee (IMGT-NC)

Submission: by Araya Radtanakantikanon and Dr. Stefan Keller

Final results from IMGT-NC expert analysis: format: January 16, 2019.

46 sequences *Felis catus* TRB with 1 accession number NC_018724.3.

Concern 46 different genes (32 TRBV, 2 TRBD, 10 TRBJ and 2 TRBC).

Correspond to 46 new alleles *01 ('NEW').

IMGT gene name	Submitted sequence header	GenBank /ENA/DDBJ accession number	IMGT-NC conclusions		
			IMGT allele name	IMGT allele functionality*	IMGT comments
<i>Felis catus</i> TRBV1	TRBV1	NC_018724.3	TRBV1*01	F	NEW
<i>Felis catus</i> TRBV2	TRBV2	NC_018724.3	TRBV2*01	P	NEW
<i>Felis catus</i> TRBV3	TRBV3	NC_018724.3	TRBV3*01	F	NEW
<i>Felis catus</i> TRBV4-1	TRBV4-1	NC_018724.3	TRBV4-1*01	F	NEW
<i>Felis catus</i> TRBV4-2	TRBV4-2	NC_018724.3	TRBV4-2*01	F	NEW
<i>Felis catus</i> TRBV5-1	TRBV5-1	NC_018724.3	TRBV5-1*01	P	NEW
<i>Felis catus</i> TRBV5-2	TRBV5-2	NC_018724.3	TRBV5-2*01	F	NEW
<i>Felis catus</i> TRBV5-3	TRBV5-3	NC_018724.3	TRBV5-3*01	F	NEW
<i>Felis catus</i> TRBV5-4	TRBV5-4	NC_018724.3	TRBV5-4*01	F	NEW
<i>Felis catus</i> TRBV6	TRBV6	NC_018724.3	TRBV6*01	ORF	NEW
<i>Felis catus</i> TRBV7-1	TRBV7-1	NC_018724.3	TRBV7-1*01	F	NEW
<i>Felis catus</i> TRBV7-2	TRBV7-2	NC_018724.3	TRBV7-2*01	F	NEW
<i>Felis catus</i> TRBV8	TRBV8	NC_018724.3	TRBV8*01	P	NEW
<i>Felis catus</i> TRBV10	TRBV10	NC_018724.3	TRBV10*01	F	NEW
<i>Felis catus</i> TRBV11	TRBV11	NC_018724.3	TRBV11*01	P	NEW
<i>Felis catus</i> TRBV12-1	TRBV12-1	NC_018724.3	TRBV12-1*01	F	NEW

REPORT #2019-4-0116

IMGT Nomenclature Committee (IMGT-NC)



<i>Felis catus</i> TRBV12-2	TRBV12-2	NC_018724.3	TRBV12-2*01	P	NEW
<i>Felis catus</i> TRBV15	TRBV15	NC_018724.3	TRBV15*01	F	NEW
<i>Felis catus</i> TRBV16	TRBV16	NC_018724.3	TRBV16*01	P	NEW
<i>Felis catus</i> TRBV18	TRBV18	NC_018724.3	TRBV18*01	F	NEW
<i>Felis catus</i> TRBV19	TRBV19	NC_018724.3	TRBV19*01	F	NEW
<i>Felis catus</i> TRBV20	TRBV20	NC_018724.3	TRBV20*01	F	NEW
<i>Felis catus</i> TRBV21	TRBV21	NC_018724.3	TRBV21*01	F	NEW
<i>Felis catus</i> TRBV22	TRBV22	NC_018724.3	TRBV22*01	ORF	NEW
<i>Felis catus</i> TRBV23	TRBV23	NC_018724.3	TRBV23*01	P	NEW
<i>Felis catus</i> TRBV24	TRBV24	NC_018724.3	TRBV24*01	F	NEW
<i>Felis catus</i> TRBV25	TRBV25	NC_018724.3	TRBV25*01	F	NEW
<i>Felis catus</i> TRBV26	TRBV26	NC_018724.3	TRBV26*01	F	NEW
<i>Felis catus</i> TRBV27	TRBV27	NC_018724.3	TRBV27*01	ORF	NEW
<i>Felis catus</i> TRBV28	TRBV28	NC_018724.3	TRBV28*01	P	NEW
<i>Felis catus</i> TRBV29	TRBV29	NC_018724.3	TRBV29*01	F	NEW
<i>Felis catus</i> TRBV30	TRBV30	NC_018724.3	TRBV30*01	F	NEW
<i>Felis catus</i> TRBD1	TRBD1	NC_018724.3	TRBD1*01	F	NEW
<i>Felis catus</i> TRBD2	TRBD2	NC_018724.3	TRBD2*01	F	NEW
<i>Felis catus</i> TRBJ1-1	TRBJ1-1	NC_018724.3	TRBJ1-1*01	F	NEW
<i>Felis catus</i> TRBJ1-2	TRBJ1-2	NC_018724.3	TRBJ1-2*01	F	NEW
<i>Felis catus</i> TRBJ1-3	TRBJ1-3	NC_018724.3	TRBJ1-3*01	F	NEW
<i>Felis catus</i> TRBJ1-4	TRBJ1-4	NC_018724.3	TRBJ1-4*01	P	NEW
<i>Felis catus</i> TRBJ1-5	TRBJ1-5	NC_018724.3	TRBJ1-5*01	F	NEW
<i>Felis catus</i> TRBJ2-1	TRBJ2-1	NC_018724.3	TRBJ2-1*01	F	NEW
<i>Felis catus</i> TRBJ2-2	TRBJ2-2	NC_018724.3	TRBJ2-2*01	F	NEW

REPORT #2019-4-0116

IMGT Nomenclature Committee (IMGT-NC)



<i>Felis catus</i> TRBJ2-3	TRBJ2-3	NC_018724.3	TRBJ2-3*01	F	NEW
<i>Felis catus</i> TRBJ2-4	TRBJ2-4	NC_018724.3	TRBJ2-4*01	F	NEW
<i>Felis catus</i> TRBJ2-5	TRBJ2-5	NC_018724.3	TRBJ2-5*01	F	NEW
<i>Felis catus</i> TRBC1	TRBC1	NC_018724.3	TRBC1*01	F	NEW
<i>Felis catus</i> TRBC2	TRBC2	NC_018724.3	TRBC2*01	F	NEW

*Gene functionality may be revised at the data entry in the IMGT databases.