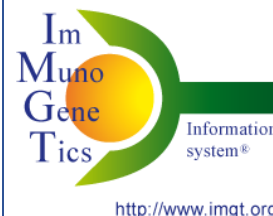


REPORT #2019-2-0111

IMGT Nomenclature Committee (IMGT-NC)



Report #2019-2-0111 (January 11, 2019)

IMGT Nomenclature Committee (IMGT-NC)

Submission by Araya Radtanakitanon and Stefan Keller (07/12/18).

Final results from IMGT-NC expert analysis: January 11, 2019.

25 sequences *Felis catus* TRG with 1 accession number NC_018724.3

Concern 25 different genes (7 TRGV, 12 TRGJ and 6 TRGC)

Correspond to 25 new alleles *01 ('NEW')

IMGT gene name	Submitted sequences	GenBank /ENA/DDBJ accession number	IMGT-NC conclusions		
			IMGT allele name	IMGT allele functionality*	IMGT comments
<i>Felis catus</i> TRGV2-1	TRGV2-1 77314088..77314570	NC_018724.3	TRGV2-1*01	F	NEW
<i>Felis catus</i> TRGV2-2	TRGV2-2 77363012..77363496	NC_018724.3	TRGV2-2*01	F	NEW
<i>Felis catus</i> TRGV2-3	TRGV2-3 77403609..77404084	NC_018724.3	TRGV2-3*01	F	NEW
<i>Felis catus</i> TRGV2-4	TRGV2-4 77558747..77559231	NC_018724.3	TRGV2-4*01	F	NEW
<i>Felis catus</i> TRGV5-3	TRGV5-1 77529437..77528777 complement	NC_018724.3	TRGV5-3*01	F	NEW
<i>Felis catus</i> TRGV6-1	TRGV6-1 77548037..77547572 complement	NC_018724.3	TRGV6-1*01	P	NEW
<i>Felis catus</i> TRGV7-1	TRGV7-1 77536244..77536738 complement	NC_018724.3	TRGV7-1*01	F	NEW
<i>Felis catus</i> TRGJ1-1	TRGJ1-1 77331039..77331132	NC_018724.3	TRGJ1-1*01	P	NEW
<i>Felis catus</i> TRGJ1-2	TRGJ1-2 77333409..77333498	NC_018724.3	TRGJ1-2*01	F	NEW

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<i>Felis catus</i> TRGJ2-1	TRGJ2-1 77374962..77375040	NC_018724.3	TRGJ2-1*01	P	NEW
<i>Felis catus</i> TRGJ2-2	TRGJ2-2 77376769..77376855	NC_018724.3	TRGJ2-2*01	F	NEW
<i>Felis catus</i> TRGJ3-1	TRGJ3-1 77420644..77420738	NC_018724.3	TRGJ3-1*01	P	NEW
<i>Felis catus</i> TRGJ3-2	TRGJ3-2 77424022..77424108	NC_018724.3	TRGJ3-2*01	F	NEW
<i>Felis catus</i> TRGJ4-1	TRGJ4-1 77477302..77477228 complement	NC_018724.3	TRGJ4-1*01	P	NEW
<i>Felis catus</i> TRGJ4-2	TRGJ4-2 77470688..77470611 complement	NC_018724.3	TRGJ4-2*01	ORF	NEW
<i>Felis catus</i> TRGJ4-3	TRGJ4-3 77470388..77470310 complement	NC_018724.3	TRGJ4-3*01	ORF	NEW
<i>Felis catus</i> TRGJ5-1	TRGJ5-1 77525634..77525547 complement	NC_018724.3	TRGJ5-1*01	ORF	NEW
<i>Felis catus</i> TRGJ6-1	TRGJ6-1 77575356..77575443	NC_018724.3	TRGJ6-1*01	ORF	NEW
<i>Felis catus</i> TRGJ6-2	TRGJ6-2 77578273..77578342	NC_018724.3	TRGJ6-2*01	ORF	NEW
<i>Felis catus</i> TRGC1	TRGC1 77339700..77351803	NC_018724.3	TRGC1*01	F	NEW
<i>Felis catus</i> TRGC2	TRGC2 77383385..77393737	NC_018724.3	TRGC2*01	F	NEW
<i>Felis catus</i> TRGC3	TRGC3 77429167..77441306	NC_018724.3	TRGC3*01	F	NEW
<i>Felis catus</i> TRGC4	TRGC4 77467056..77452918 complement	NC_018724.3	TRGC4*01	F	NEW
<i>Felis catus</i> TRGC5	TRGC5 77517237..77511611 complement	NC_018724.3	TRGC5*01	F	NEW
<i>Felis catus</i> TRGC6	TRGC6 77582508..77589493	NC_018724.3	TRGC6*01	F	NEW

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