

REPORT #2019-3-0111

IMGT Nomenclature Committee (IMGT-NC)



Report #2019-3-0111 (January 11, 2019)

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Submission by Burnett Robert, Avery Anne and Rout Emily (13/12/18).

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

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

Concern 26 different genes (9 TRGV, 11 TRGJ and 6 TRGC)

Correspond to 26 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	TRGVc1-1 77314088..77314570	NC_018724.3	TRGV2-1*01	F	NEW
<i>Felis catus</i> TRGV2-2	TRGVc1-2 77363012..77363496	NC_018724.3	TRGV2-2*01	F	NEW
<i>Felis catus</i> TRGV2-3	TRGVc1-3 77403609..77404084	NC_018724.3	TRGV2-3*01	F	NEW
<i>Felis catus</i> TRGV2-4	TRGVc1-4 77558747..77559231	NC_018724.3	TRGV2-4*01	F	NEW
<i>Felis catus</i> TRGV5-1	TRGVd5-1 77415626..77416745	NC_018724.3	TRGV5-1*01	P	NEW
<i>Felis catus</i> TRGV5-2	TRGVd5-2 77481623..77480967 complement	NC_018724.3	TRGV5-2*01	P	NEW
<i>Felis catus</i> TRGV5-3	TRGVd5-3 77529437..77528777 complement	NC_018724.3	TRGV5-3*01	F	NEW
<i>Felis catus</i> TRGV5-4	TRGVd5-4 77572353..77572706	NC_018724.3	TRGV5-4*01	P	NEW
<i>Felis catus</i> TRGV6-1	TRGVd6-1 77548037..77547616 complement	NC_018724.3	TRGV6-1*01	P	NEW
<i>Felis catus</i> TRGJ1-1	TRGJ1-1 77331039..77331132	NC_018724.3	TRGJ1-1*01	P	NEW

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<i>Felis catus</i> TRGJ1-2	TRGJ1-2 77333411..77333498	NC_018724.3	TRGJ1-2*01	F	NEW
<i>Felis catus</i> TRGJ2-1	TRGJ2-1 77374944..77375040	NC_018724.3	TRGJ2-1*01	P	NEW
<i>Felis catus</i> TRGJ2-2	TRGJ2-2 77376771..77376855	NC_018724.3	TRGJ2-2*01	F	NEW
<i>Felis catus</i> TRGJ3-1	TRGJ3-1 77420645..77420738	NC_018724.3	TRGJ3-1*01	P	NEW
<i>Felis catus</i> TRGJ3-2	TRGJ3-2 77424024..77424108	NC_018724.3	TRGJ3-2*01	F	NEW
<i>Felis catus</i> TRGJ4-1	TRGJ4-1 77477293..77477228 complement	NC_018724.3	TRGJ4-1*01	P	NEW
<i>Felis catus</i> TRGJ5-1	TRGJ5-1 77525634..77525547 complement	NC_018724.3	TRGJ5-1*01	ORF	NEW
<i>Felis catus</i> TRGJ5-2	TRGJ5-2 77523284..77523198 complement	NC_018724.3	TRGJ5-2*01	P	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 77578240..77578342	NC_018724.3	TRGJ6-2*01	ORF	NEW
<i>Felis catus</i> TRGC1	TRGC1 77339700..77351806	NC_018724.3	TRGC1*01	F	NEW
<i>Felis catus</i> TRGC2	TRGC2 77383385..77393740	NC_018724.3	TRGC2*01	F	NEW
<i>Felis catus</i> TRGC3	TRGC3 77429167..77441309	NC_018724.3	TRGC3*01	F	NEW
<i>Felis catus</i> TRGC4	TRGC4 77467056..77452915 complement	NC_018724.3	TRGC4*01	F	NEW
<i>Felis catus</i> TRGC5	TRGC5 77517244..77511608 complement	NC_018724.3	TRGC5*01	F	NEW
<i>Felis catus</i> TRGC6	TRGC6 77582508..77589496	NC_018724.3	TRGC6*01	F	NEW

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