

Affinity for self antigen selects T_{reg} cells with distinct functional properties

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DOI:
[10.1038/ni.3522](https://doi.org/10.1038/ni.3522)

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Document Version
Peer reviewed version

Citation for published version (Harvard):
Wyss, L, Stadinski, BD, King, CG, Schallenberg, S, McCarthy, NI, Lee, JY, Kretschmer, K, Terracciano, LM, Anderson, G, Surh, CD, Huseby, ES & Palmer, E 2016, 'Affinity for self antigen selects T_{reg} cells with distinct functional properties', *Nature Immunology*, vol. 17, no. 9, pp. 1093–1101. <https://doi.org/10.1038/ni.3522>

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- 1 **Supplementary Figure 1: Table comparing surface marker expression of**
- 2 **Triple^{high}, Triple^{low}, effector and central Tregs.**

Supplementary Figure 1

	CD44	CD62L	CD25	ICOS	CCR7	CD103	Helios	NRP1
effector Tregs	<i>high</i>	<i>low</i>	low	<i>high</i>	low	high	similar to central Tregs	similar to central Tregs
Triple^{high} Tregs	<i>high</i>	<i>low</i>	high	<i>high</i>	similar to Triple^{low} Tregs	<i>~70% neg</i>	high	high
central Tregs	<i>low</i>	<i>high</i>	high	<i>low</i>	high	low	similar to effector Tregs	similar to effector Tregs
Triple^{low} Tregs	<i>low</i>	<i>high</i>	low	<i>low</i>	similar to Triple^{high} Tregs	<i>~90% neg</i>	low	low

1 **Supplementary Figure 2: Characterization of GITR^{intermediate}/PD1^{intermediate}**

2 **Tregs.**

3 a) CD4 T cells from B6 LNs were analyzed for FoxP3, GITR, PD1 and CD25

4 expression by flow cytometry. Gates (left plot) show Triple^{high} Tregs

5 (GITR^{high}PD1^{high}CD25^{high}, red), Triple^{int} (GITR^{int}PD1^{int}CD25^{int}, grey) and Triple^{low}

6 Tregs (GITR^{low}PD1^{low}CD25^{low}, brown) frequencies among total CD4⁺FoxP3⁺ cells.

7 Histogram and bar graph (right) shows CD25 expression on Triple^{high}, Triple^{int} and

8 Triple^{low} Tregs (n=4 mice) b-d) Expression of homing and activation markers on

9 B6 LN Triple^{high} (red), Triple^{int} (grey) and Triple^{low} Tregs (brown) analyzed by flow

10 cytometry (n= 4 mice). e) Triple^{high} (red), Triple^{int} (grey) and Triple^{low} (brown) Tregs

11 were analyzed for CD5 (n=4 mice) and Nur77-GFP (n=2 mice) expression by flow

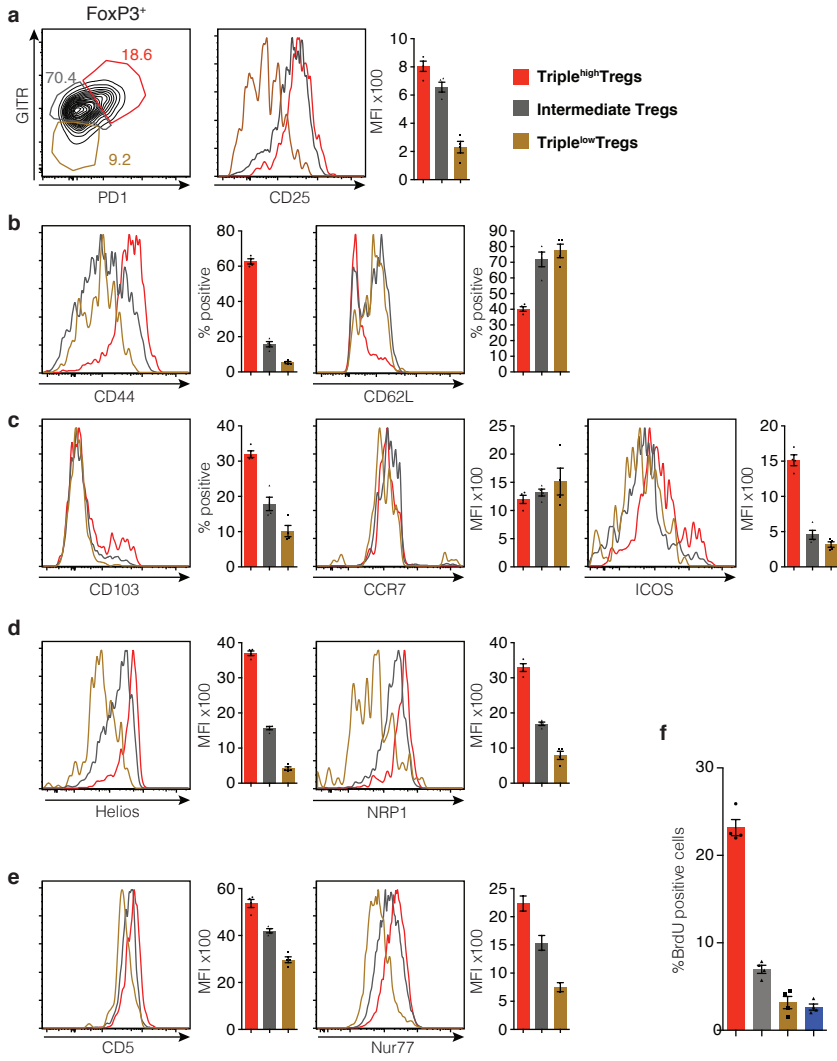
12 cytometry. f) In vivo proliferation of Triple^{high} (red), Triple^{int} (grey), Triple^{low} (brown)

13 Tregs and CD4 Tconv cells (blue) isolated from B6 LNs. Percentages of

14 proliferating (BrdU⁺) cells are shown (n=4 mice). Bar graphs show mean \pm SEM.

15 Data is taken from 2-3 independent experiments.

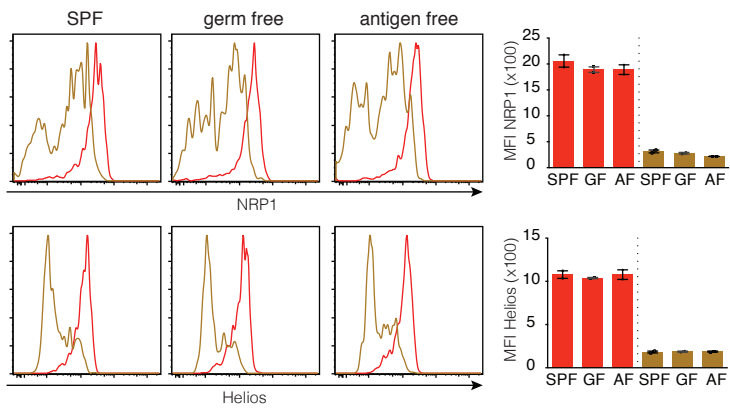
Supplementary Figure 2



1 **Supplementary Figure 3: Triple^{high} and Triple^{low} Tregs from SPF, germ free**
2 **and antigen free mice express similar levels of NRP1 and Helios.**

3 Lymph node cells from SPF, germ and antigen free B6 mice were isolated, and
4 Triple^{high} (red) and Triple^{low} (brown) Tregs were analyzed for NRP1 (top) and
5 Helios (bottom) expression by flow cytometry. Bar graphs show geometric mean
6 of fluorescence intensity of NRP1 or Helios expression in Triple^{high} and Triple^{low}
7 Tregs (n=2 mice) ns= not significant (Kruskal-Wallis Test). Bar graphs display
8 mean \pm SEM.

Supplementary Figure 3



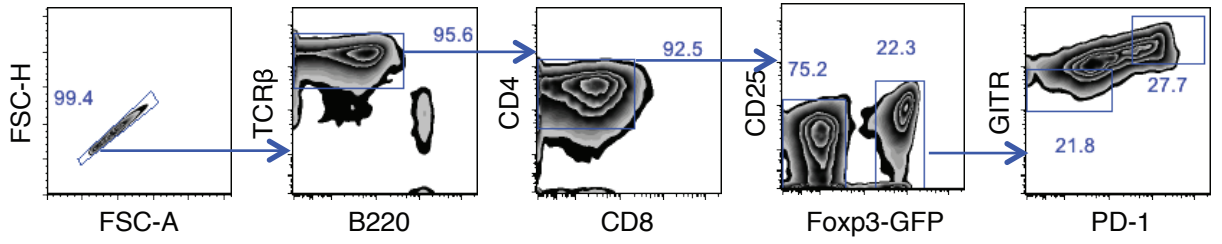
1 **Supplementary Figure 4: Sorting strategy of CD4 Tconv, Triple^{high} and**
2 **Triple^{low} Treg cells from YAe62βtg mice.**

3 Splenocytes from YAe62 TCRβ transgenic (tg) TCRα^{+/-} mice were FACS sorted
4 based upon the expression of Foxp3-GFP, PD-1 and GITR. a) Gating strategy for
5 FACS sorting of magnetically isolated CD4 splenic populations from YAe62βtg
6 mice. b) Frequency of Triple^{high} and Triple^{low} populations among Foxp3⁺ CD4⁺ T
7 cells in the 3 independent sorted samples (2 pooled mice per sample). Bars are
8 the mean of the 3 samples. c) Representative flow cytometric analysis of the CD4
9 Tconv population following FACS sorting. d) Representative flow cytometric
10 analysis of the Triple^{high} Treg population following FACS sorting. e)
11 Representative flow cytometric analysis of the Triple^{low} Treg population following
12 FACS sorting.

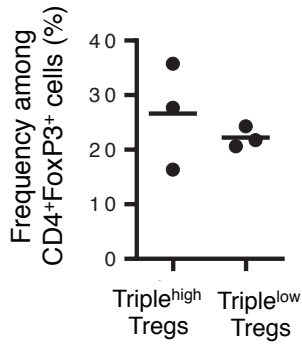
Supplementary Figure 4

a

Unsorted YAe62 β tg splenocytes

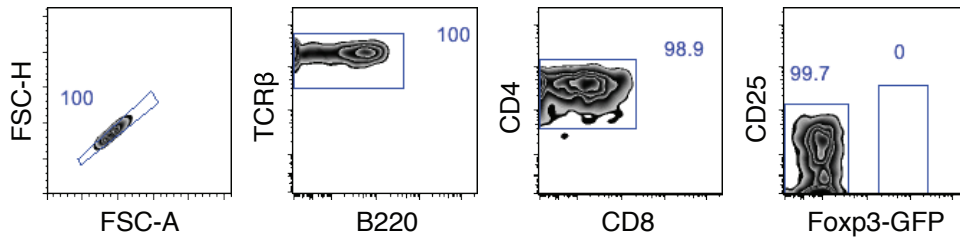


b



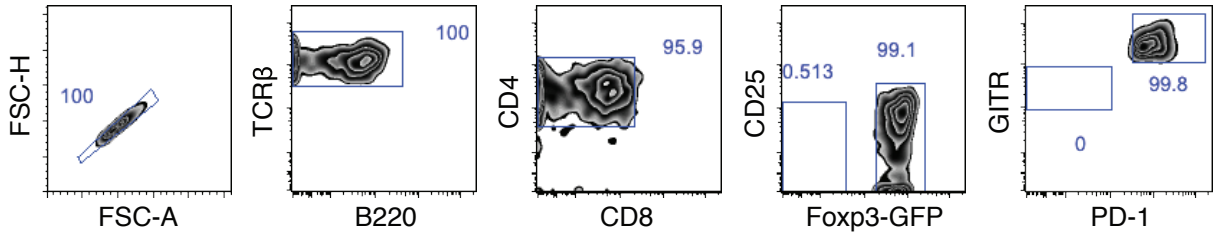
c

Sorted CD4⁺ T_{conv}



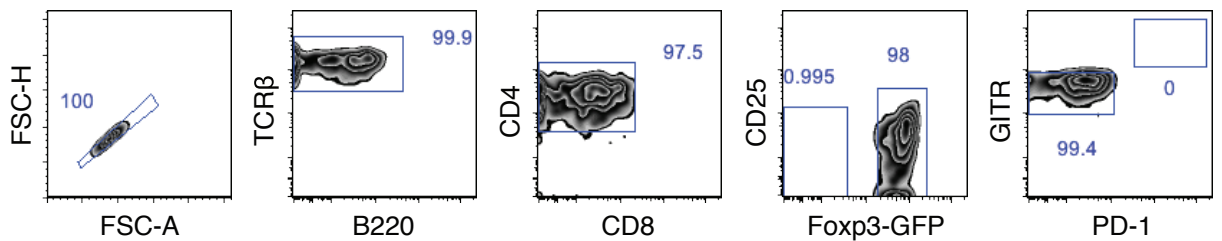
d

Sorted Triple^{high} T_{regs}



e

Sorted Triple^{low} T_{regs}



1 **Supplementary Figure 5: Thymic Tregs develop in presence of negative**
2 **selecting peptides but not with endogenous positive selecting peptides.**

3 **Antigen affinity influences TCR downstream signaling.**

4 a) Re-aggregate thymic organ cultures were established from B3K508, MHC II KO
5 thymocytes, which are arrested at the CD4⁺ CD8⁺ DP stage and thymic epithelial
6 cells from B6 mice. Peptides were added at the following concentrations: 20 μM P-
7 1A (threshold affinity negative selector), 2 μM P2A (intermediate affinity negative
8 selector), and 0.2 μM 3K (high affinity negative selector). After 7d in culture,
9 thymocytes were stained for CD4 and FoxP3 and analyzed by flow cytometry. b)

10 Histograms shows flow cytometric analysis for CD25 (left) and Helios (right)
11 expression of 3BK508tg Rag^{KO} FoxP3⁺ CD4SP thymocytes 48h after stimulation
12 with P-1A (10⁻⁶ M, brown), P2A (10⁻⁶ M, grey) or 3K (10⁻⁷ M, red) peptide
13 presented on mature B6 BmDCs in the presence of IL2 and TGFβ. c,d)

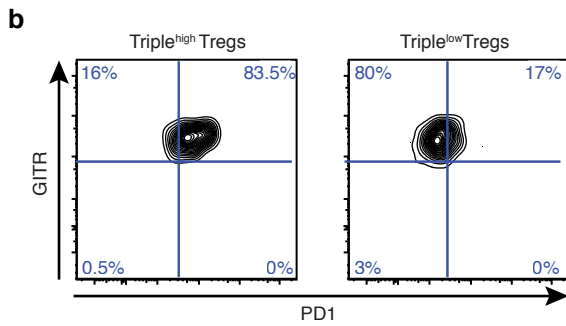
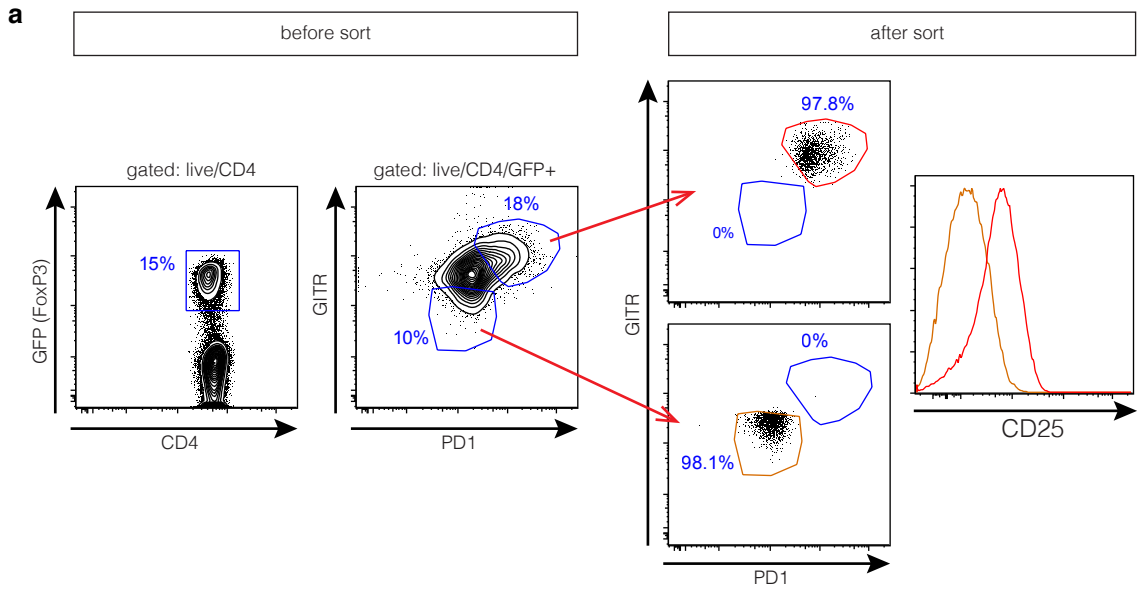
14 Phosphorylation of CD3ζ, ERK and cJUN in 3BK508TCR^{tg} CD4SP thymocytes
15 stimulated with P-1A (grey line), P2A (brown line), 3K (red line) or no peptide (light
16 grey filled) was determined after 90min, 24 and 48h by flow cytometry. c)

17 Representative histograms of fluorescence intensity in thymocytes stained for
18 pCD3ζ, pcJUN and pERK following 24 and 48h of antigen stimulation and d)

19 geometric mean fluorescence intensity of pCD3ζ, pcJUN and pERK after 90min,
20 24h and 48h of peptide stimulation. (n=2 independent experiments)

1 **Supplementary Figure 6: Sorting strategy to obtain Triple^{high} and Triple^{low}**
2 **Tregs and phenotype maintenance in vivo following adoptive transfer.**
3 a) Magnetic bead enriched CD4⁺ T cells isolated from pooled lymph nodes of 6-10
4 week old B6.FoxP3eGFP mice were sorted for CD4⁺ GFP⁺ GITR^{high} PD1^{high}
5 (Triple^{high} Tregs) and CD4⁺ GFP⁺ GITR^{low}, PD1^{low} (Triple^{low} Tregs). Purity of each
6 population was > 97%. b) CD3^{KO} mice were injected with Ly5.2⁺ Triple^{high} or
7 Triple^{low} Tregs and Ly5.1⁺ CD4 Tconvs (CD4⁺CD25⁻). Six weeks later mice were
8 sacrificed and transferred T cells isolated from peripheral LNs were analyzed for
9 GITR and PD1 expression. The majority of transferred Triple^{low} Tregs maintain low
10 PD1 expression, although GITR expression is increased on Triple^{low} Tregs after
11 six weeks in this lymphopenic environment.

Supplementary Figure 6



1 **Supplementary Figure 7: Sorting strategy, experimental setup for adoptive**
2 **transfer of scurfy disease and $\alpha 4\beta 7$ integrin expression on transferred**
3 **scurfy cells homing to mLN.**

4 a) Sorting strategy to obtain scurfy Triple^{high} and scurfy Triple^{low} CD4 T cells.

5 Magnetic bead enriched CD4⁺ T cells isolated from pooled lymph nodes from 2

6 week old, male FoxP3^{KO} mice were sorted for CD4⁺ GITR^{high} CD25^{high} (scurfy

7 Triple^{high}) and CD4⁺ GITR^{low} CD25^{low} (scurfy Triple^{low}) CD4 T cells. Purity of each

8 population was > 97%. b) To transfer scurfy disease, 5×10^5 sorted scurfy Triple^{high}

9 or scurfy Triple^{low} cells were injected i.v. into 6-10 week old CD3^{KO} recipient mice.

10 Mice were weighed weekly at the same time of day and were sacrificed when they

11 lost > 20% of their initial body weight or at six weeks following adoptive transfer. b)

12 Flow cytometric analysis of $\alpha 4\beta 7$ integrin expression on scurfy CD4⁺ T cells

13 isolated from mesenteric lymph nodes (mLN) of CD3^{KO} mice six weeks after

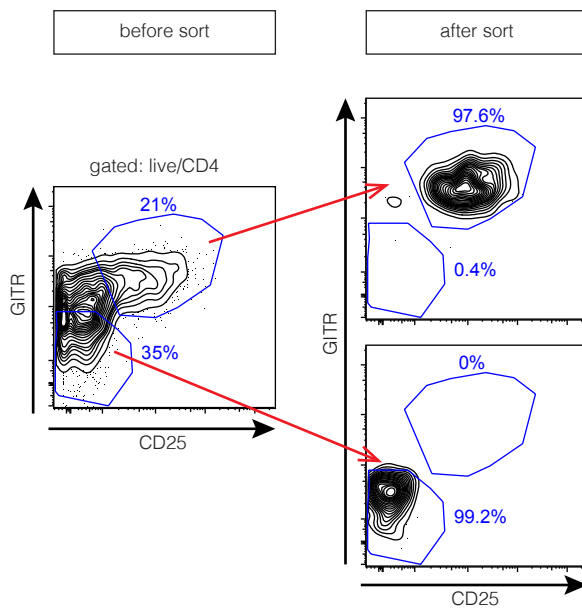
14 receiving either scurfy Triple^{high} (top panel, orange bar) or scurfy Triple^{low} (lower

15 panel, purple bar) T cells, n=3. *p< 0.05 (Student's t test). Bar graphs show mean

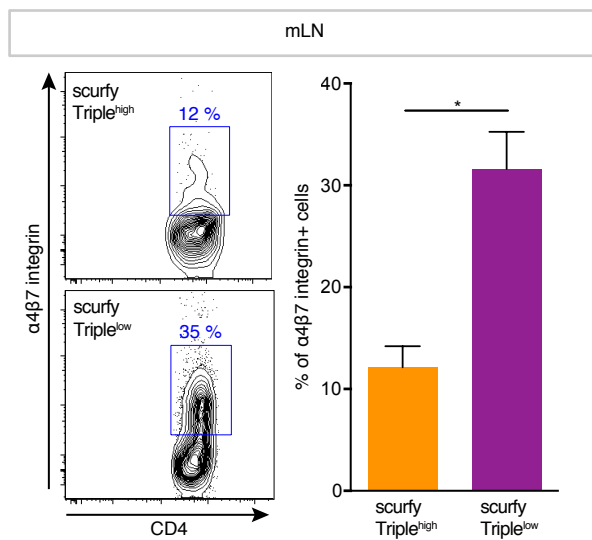
16 \pm SEM. Data is taken from 1 experiment.

Supplementary Figure 7

a



b



1 **Supplementary Figure 8: Table of analyzed TCR sequences from CD4 Tconv,**
2 **Triple^{high} and Triple^{low} Tregs from Yae62tg V_β 8.2, TCR-α^{+/-KO} FoxP3-GFP^{KI}**
3 **mice.**

Supplementary Figure 8

TCR sequences and frequencies from sorted CD4 Tconv cells

Naïve CD4 Replicate 1

Naïve CD4 Replicate 2

Naïve CD4 Replicate 1				Naïve CD4 Replicate 2			
CDR3	IMGT nomenclature		Frequency	CDR3	IMGT nomenclature		Frequency
	V	J			V	J	
CAASGNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.040786914	CAASGNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.044932079
CAARTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.026158392	CAARTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.027516545
CAASDTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.02140232	CAASRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.020724486
CAAHTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.020681704	CAAHTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.02020202
CAASRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.019816963	CAADTNAYKIVF	TRAV14D-3/DV8	TRAJ30	0.019331243
CAASDGNEKITF	TRAV14D-3/DV8	TRAJ48	0.01967284	CAASRAEGADRLTF	TRAV14-2	TRAJ45	0.017241379
CAARANTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.018880161	CAARTSSGQKLVF	TRAV14-2	TRAJ16	0.016196447
CAARSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.017006558	CAASDGNEKITF	TRAV14D-3/DV8	TRAJ48	0.015151515
CAASRAEGADRLTF	TRAV14-2	TRAJ45	0.016502126	CAAHTGNYKYVF	TRAV14-2	TRAJ40	0.013409962
CAARTSSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.014844707	CAASDTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.013061651
CAASEGNEKITF	TRAV14D-3/DV8	TRAJ48	0.014772645	CAADTNAYKIVF	TRAV14-2	TRAJ30	0.01271334
CAASEGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.014484399	CAARTSSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.011842564
CAASEGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.01325935	CAASRDGTANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.011320098
CAADTNAYKIVF	TRAV14D-3/DV8	TRAJ30	0.012971103	CAASEGNEKITF	TRAV14D-3/DV8	TRAJ48	0.010971787
CAAHTGNYKYVF	TRAV14-2	TRAJ40	0.012754918	CAASEGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.010971787
CAARTSSGQKLVF	TRAV14-2	TRAJ16	0.012250486	CAASDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.010275165
CAASDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.012106363	CAASADSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.009926855
CAASRDGTANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.011601931	CAASEGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.009926855
CAASVGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.010016574	CAARGAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.009404389
CAASADSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.009728327	CAARGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.009230233
CAARGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.008503279	CAASGNTEGADRLTF	TRAV14-2	TRAJ45	0.009056078
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CAARTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.007134107	CAAMATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.008185301
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CAASDNRIFF	TRAV14D-3/DV8	TRAJ31	0.006053182	CAAGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.00748868
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CAASRDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.005836996	CAGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.006792059
CAASAGRGSGALGRHLHF	TRAV14D-3/DV8	TRAJ18	0.005764935	CAASADSNNRIFF	TRAV14-2	TRAJ31	0.006617903
CAGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.005764935	CAARTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.006443748
CAARDNYAQLTFF	TRAV14D-3/DV8	TRAJ26	0.005692873	CAASDSNNRIFF	TRAV14-2	TRAJ31	0.006269592
CAASGGAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.005692873	CAASEGNSNNRIFF	TRAV14-2	TRAJ31	0.006095437
CAARGAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00554875	CAASRMDSNYQLIWF	TRAV14D-3/DV8	TRAJ33	0.005921282
CAASEGGADRLTF	TRAV14-2	TRAJ45	0.005476688	CAASARGGNEKITF	TRAV14D-3/DV8	TRAJ48	0.005747126
CAASGNTEGADRLTF	TRAV14-2	TRAJ45	0.005476688	CAAPEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.005398816
CAASENSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.005404626	CAASAGRGSGALGRHLHF	TRAV14D-3/DV8	TRAJ18	0.00522466
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CAASEDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.005188441	CAASEGGADRLTF	TRAV14-2	TRAJ45	0.00487635
CAAGDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.005044318	CAARGDTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.004528039
CAASADSNNRIFF	TRAV14-2	TRAJ31	0.004972256	CAAKTGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.004353884
CAASRDGTANTGKLTFF	TRAV14-2	TRAJ52	0.004972256	CAARTSSGQKLVF	TRAV14-1	TRAJ16	0.004179728
CAASYTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.004972256	CAASAGDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.004179728
CAASDSNNRIFF	TRAV14-1	TRAJ31	0.004539886	CAAGDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.004005573
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CAAVATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.004395763	CAARDNYAQLTFF	TRAV14D-3/DV8	TRAJ26	0.003831418
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CAASEGNSNNRIFF	TRAV14-2	TRAJ31	0.004035454	CAASRGGNEKITF	TRAV14D-3/DV8	TRAJ48	0.003657262
CAASGNVGDNSKLIWF	TRAV14D-3/DV8	TRAJ38	0.004035454	CAAGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.003483107
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CAAKTGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.003747208	CAARGDTGANTGKLTFF	TRAV14-2	TRAJ52	0.003308952
CAASARGGNEKITF	TRAV14D-3/DV8	TRAJ48	0.003747208	CAASAGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.003308952

Naïve CD4 Replicate 1

	IMGT nomenclature		
CAASEGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.003747208
CAASARDGNEKITF	TRAV14D-3/DV8	TRAJ48	0.003531023
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CAASEEGRALIF	TRAV14D-3/DV8	TRAJ15	0.003386899
CAASPSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.003314838
CAASANTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.003242776
CAARSGGSNAKLT	TRAV14D-3/DV8	TRAJ42	0.003170714
CAATVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.003098652
CAARANTGYQNFYF	TRAV14-2	TRAJ49	0.003026591
CAASRHTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.003026591
CAADTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.002954529
CAANTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.002882467
CAASDGNEKITF	TRAV14-2	TRAJ48	0.002810406
CAASEGAGAKLT	TRAV14D-3/DV8	TRAJ39	0.002810406
CAASENSNNRIFF	TRAV14-2	TRAJ31	0.002810406
CAARDNYAQLTF	TRAV14-2	TRAJ26	0.002738344
CAAREGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.002666282
CAASGGSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.002666282
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CAASVTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.002594221
CAASYTGANTGKLT	TRAV14-2	TRAJ52	0.002594221
CAAGTGSNRLTF	TRAV14-2	TRAJ28	0.002522159
CAASERNNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.002522159
CAAKGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.002450097
CAARGNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.002450097
CAARSGGSNAKLT	TRAV14-2	TRAJ42	0.002450097
CAASAKGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.002450097
CAASEGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.002450097
CAASVRDTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.002450097
CAASDGGGKLT	TRAV14D-3/DV8	TRAJ44	0.002378036
CAASDTGYQNFYF	TRAV14-2	TRAJ49	0.002378036
CAASEGNSNNRIFF	TRAV14-1	TRAJ31	0.002378036
CAANVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.002305974
CAASAEAGNTKLI	TRAV14D-3/DV8	TRAJ37	0.002305974
CAASANTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.002305974
CAASDDTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.002305974
CAASEGNEKITF	TRAV14-2	TRAJ48	0.002305974
CAASREASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.002233912
CAASRMSDNYQLIW	TRAV14-2	TRAJ33	0.002233912
CAASYTGANTGKLT	TRAV14-1	TRAJ52	0.002233912
CAAGDTGNYKYVF	TRAV14-2	TRAJ40	0.002089789
CAALTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.002089789
CAARDNYAQLTF	TRAV14-1	TRAJ26	0.002089789
CAARDTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.002089789
CAARTGYQNFYF	TRAV14-2	TRAJ49	0.002089789
CAAIPISSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.002017727
CAARDNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.002017727
CAASAGASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.002017727
CAASEGGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.002017727
CAARGDTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.001945665
CAASFTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.001945665
CAASQGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001945665
CAASRVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001945665
CAASYTYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001945665
CAASERNNSNNRIFF	TRAV14-2	TRAJ31	0.001873604

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	IMGT nomenclature		
CAASDSNNRIFF	TRAV14-1	TRAJ31	0.003308952
CAASYTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.003308952
CAARDNYAQLTF	TRAV14-2	TRAJ26	0.003134796
CAARGAEGADRLTF	TRAV14-2	TRAJ45	0.003134796
CAASPSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.003134796
CAASYTGANTGKLT	TRAV14-2	TRAJ52	0.003134796
CAARTGYQNFYF	TRAV14-2	TRAJ49	0.002960641
CAASDTGYQNFYF	TRAV14-2	TRAJ49	0.002960641
CAASGNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.002960641
CAASVNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.002960641
CAANVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.002786486
CAARDTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.002786486
CAARSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.002786486
CAASENSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.002786486
CAASRDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.002786486
CAADTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00261233
CAAGDTGNYKYVF	TRAV14-2	TRAJ40	0.00261233
CAAREGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.00261233
CAASAGRGSALGRLHF	TRAV14-2	TRAJ18	0.00261233
CAASARGGNEKITF	TRAV14-2	TRAJ48	0.00261233
CAASAVNSNNRIFF	TRAV14-2	TRAJ31	0.00261233
CAASEANNRIFF	TRAV14D-3/DV8	TRAJ31	0.00261233
CAASEGAGAKLT	TRAV14D-3/DV8	TRAJ39	0.00261233
CAASGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00261233
CAASSGGSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.00261233
CAAVASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00261233
CAAIPISSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.002438175
CAAKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.002438175
CAARRAEGADRLTF	TRAV14-2	TRAJ45	0.002438175
CAARTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.002438175
CAASAKGNYKYVF	TRAV14-2	TRAJ40	0.002438175
CAASEDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.002438175
CAASFTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.002438175
CAASRHTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.002438175
CAATVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.002438175
CAAKGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00226402
CAAKVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.00226402
CAARDTGYNFYF	TRAV14-2	TRAJ49	0.00226402
CAARSGGSNAKLT	TRAV14D-3/DV8	TRAJ42	0.00226402
CAARTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00226402
CAASAGASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00226402
CAASANTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.00226402
CAASDGNEKITF	TRAV14-2	TRAJ48	0.00226402
CAASENSNNRIFF	TRAV14-2	TRAJ31	0.00226402
CAASRTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.00226402
CAASVTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.00226402
CAAYNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00226402
CAAYTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00226402
CAAKVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.002089864
CAANTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.002089864
CAASAEAGNTKLI	TRAV14D-3/DV8	TRAJ37	0.002089864
CAASAGNSNNRIFF	TRAV14-2	TRAJ31	0.002089864
CAASEDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.002089864
CAASQNTGADRLTF	TRAV14-2	TRAJ45	0.002089864
CAASVNNNNAPRF	TRAV14-2	TRAJ43	0.002089864

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	IMGT nomenclature		
CAASGNTGADRDLTF	TRAV14-1	TRAJ45	0.001873604
CAAYNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001873604
CAASFTNTGKLTf	TRAV14-2	TRAJ27	0.001801542
CAASEEGGRALIF	TRAV14-2	TRAJ15	0.00172948
CAASPVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00172948
CAASVNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00172948
CAARSNTGYQNFYF	TRAV14-2	TRAJ49	0.001657419
CAASRAEGADRDLTF	TRAV14D-1	TRAJ45	0.001657419
CAASVGGADRDLTF	TRAV14-2	TRAJ45	0.001657419
CAASVTNTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.001657419
CAAHTGNYKYVF	TRAV14-1	TRAJ40	0.001585357
CAARRAEGADRDLTF	TRAV14D-3/DV8	TRAJ45	0.001585357
CAARTNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001585357
CAASAGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001585357
CAASAPNTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.001585357
CAASEGNNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.001585357
CAASGNTGADRDLTF	TRAV14D-1	TRAJ45	0.001585357
CAASRGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001585357
CAAYTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001585357
CAAHVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001513295
CAAKGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001513295
CAALNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001513295
CAARDYGSSGNKLIFF	TRAV14D-3/DV8	TRAJ32	0.001513295
CAARTEGADRDLTF	TRAV14D-3/DV8	TRAJ45	0.001513295
CAASAQQGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001513295
CAASARNNRIFf	TRAV14-2	TRAJ31	0.001513295
CAASDDSNNRIFf	TRAV14D-3/DV8	TRAJ31	0.001513295
CAASDGSSGNKLIFF	TRAV14D-3/DV8	TRAJ32	0.001513295
CAASEANNRIFF	TRAV14D-3/DV8	TRAJ31	0.001513295
CAASGGNYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.001513295
CAASQNTGADRDLTF	TRAV14D-3/DV8	TRAJ45	0.001513295
CAASRAEGADRDLTF	TRAV14-1	TRAJ45	0.001513295
CAASVTGANTGKLTf	TRAV14-2	TRAJ52	0.001513295
CAAVASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001513295
CAAKGNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001441234
CAAMTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001441234
CAAPVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001441234
CAARGAGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001441234
CAASARNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001441234
CAASDENNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.001441234
CAASENNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.001441234
CAARGGADRDLTF	TRAV14-2	TRAJ45	0.001369172
CAARRSGGSNYKLTf	TRAV14D-3/DV8	TRAJ53	0.001369172
CAARTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001369172
CAASEASGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.001369172
CAASGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001369172
CAASVNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001369172
CAARGAEGADRDLTF	TRAV14-2	TRAJ45	0.00129711
CAARGTNAYKVIFF	TRAV14D-3/DV8	TRAJ30	0.00129711
CAASAPDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00129711
CAASARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.00129711
CAASEGAGAKLTf	TRAV14-2	TRAJ39	0.00129711
CAASEGTGSKLSF	TRAV14-2	TRAJ58	0.00129711
CAASVAGADRDLTF	TRAV14D-3/DV8	TRAJ45	0.00129711
CAARTEGADRDLTF	TRAV14-2	TRAJ45	0.001225049

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	IMGT nomenclature		
CAALTEGADRDLTF	TRAV14D-3/DV8	TRAJ45	0.001915709
CAARDTGYNFYF	TRAV14D-3/DV8	TRAJ49	0.001915709
CAARSGGSSNAKLTf	TRAV14-2	TRAJ42	0.001915709
CAASAKNNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.001915709
CAASANTNTGKLTf	TRAV14D-3/DV8	TRAJ27	0.001915709
CAASARNNRIFf	TRAV14D-3/DV8	TRAJ31	0.001915709
CAASDDSNNRIFf	TRAV14-2	TRAJ31	0.001915709
CAASEGGGSNYKLTf	TRAV14D-3/DV8	TRAJ53	0.001915709
CAASQNTGADRDLTF	TRAV14D-3/DV8	TRAJ45	0.001915709
CAASSNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001915709
CAASVGGADRDLTF	TRAV14-2	TRAJ45	0.001915709
CAASYTGANTGKLTf	TRAV14-1	TRAJ52	0.001915709
CAAGTGSNRLTF	TRAV14-2	TRAJ28	0.001741553
CAAKGNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001741553
CAARGGADRDLTF	TRAV14-2	TRAJ45	0.001741553
CAARGNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001741553
CAASATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.001741553
CAASDENNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.001741553
CAASDGSSGNKLIFF	TRAV14D-3/DV8	TRAJ32	0.001741553
CAASEEGGRALIF	TRAV14-2	TRAJ15	0.001741553
CAASEGGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001741553
CAASERNNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001741553
CAASFTNTGKLTf	TRAV14-2	TRAJ27	0.001741553
CAASGSNNRIFF	TRAV14-2	TRAJ31	0.001741553
CAASQGGADRDLTF	TRAV14D-3/DV8	TRAJ45	0.001741553
CAASVVRTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001741553
CAAILNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001567398
CAALNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001567398
CAAMTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001567398
CAARDNYAQLTF	TRAV14-1	TRAJ26	0.001567398
CAARRAEGADRDLTF	TRAV14D-3/DV8	TRAJ45	0.001567398
CAASARNNRIFf	TRAV14-2	TRAJ31	0.001567398
CAASEEDNAGAKLTf	TRAV14-2	TRAJ39	0.001567398
CAASEGNSNNRIFF	TRAV14-1	TRAJ31	0.001567398
CAASGNVGDNSKLIW	TRAV14-2	TRAJ38	0.001567398
CAASREASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001567398
CAAVPSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001567398
CAAGGGNEKITF	TRAV14D-3/DV8	TRAJ48	0.001393243
CAAGTGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.001393243
CAAIPISSFSKLVF	TRAV14-2	TRAJ50	0.001393243
CAAKGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001393243
CAARDYGSSGNKLIFF	TRAV14-2	TRAJ32	0.001393243
CAARDYGSSGNKLIFF	TRAV14D-3/DV8	TRAJ32	0.001393243
CAASAEAGNTGKLIFF	TRAV14-2	TRAJ37	0.001393243
CAASANTGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.001393243
CAASAPNTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.001393243
CAASARNNAGAKLTf	TRAV14-2	TRAJ39	0.001393243
CAASARNSGGSNYKLTf	TRAV14D-3/DV8	TRAJ53	0.001393243
CAASDDSNNRIFf	TRAV14D-3/DV8	TRAJ31	0.001393243
CAASDGSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.001393243
CAASEGNEKITF	TRAV14-2	TRAJ48	0.001393243
CAASEGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001393243
CAASGNTGADRDLTF	TRAV14D-1	TRAJ45	0.001393243
CAASLTNSAGNKLTf	TRAV14D-3/DV8	TRAJ17	0.001393243
CAASMDSNYQLIWF	TRAV14D-3/DV8	TRAJ33	0.001393243

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	IMGT nomenclature		
CAASAANTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001225049
CAASADTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001225049
CAASAGRGSALGRHLHF	TRAV14-2	TRAJ18	0.001225049
CAASEDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.001225049
CAASEEDNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.001225049
CAASGNTAGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001225049
CAASGNVDNSKLIW	TRAV14-2	TRAJ38	0.001225049
CAASGSNNRIFF	TRAV14-2	TRAJ31	0.001225049
CAASMDSNYQLIW	TRAV14-2	TRAJ33	0.001225049
CAASMDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.001225049
CAASRDNSNNRIFF	TRAV14-2	TRAJ31	0.001225049
CAAVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001225049
CAPMQQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001225049
CAAGGGNEKITF	TRAV14D-3/DV8	TRAJ48	0.001152987
CAAKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.001152987
CAARTSGGNYKPTF	TRAV14-1	TRAJ6	0.001152987
CAASAEDNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.001152987
CAASATGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.001152987
CAASAVNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001152987
CAASDGSGGKLT	TRAV14-2	TRAJ44	0.001152987
CAASQNTGADRLTF	TRAV14-2	TRAJ45	0.001152987
CAASSNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001152987
CAASVGDNSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.001152987
CAASVGNNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001152987
CAAAYTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001080925
CAAGTSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.001080925
CAARGEGGRALIF	TRAV14D-3/DV8	TRAJ15	0.001080925
CAARPNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001080925
CAASADSGTYQRF	TRAV14-2	TRAJ13	0.001080925
CAASAEAGNTGKLIFF	TRAV14-2	TRAJ37	0.001080925
CAASARNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001080925
CAASDDTNAYKVIF	TRAV14-2	TRAJ30	0.001080925
CAASGGNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001080925
CAASGLTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001080925
CAASKDTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.001080925
CAASRDGTANTGKLTFF	TRAV14-1	TRAJ52	0.001080925
CAASRGNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001080925
CAASTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001080925
CAASVGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001080925
CAASVRNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001080925
CAAGGTGANTGKLTFF	TRAV19	TRAJ52	0.001008864
CAAHTGNYTYVF	TRAV14D-3/DV8	TRAJ40	0.001008864
CAAISSSSFKLVF	TRAV14-2	TRAJ50	0.001008864
CAAKEGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.001008864
CAARTSGGNYKPTF	TRAV14-2	TRAJ6	0.001008864
CAASAGGNMGYKLTFF	TRAV14D-3/DV8	TRAJ9	0.001008864
CAASAKGNYKYVF	TRAV14-2	TRAJ40	0.001008864
CAASAMDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001008864
CAASARGGNEKITF	TRAV14-2	TRAJ48	0.001008864
CAASARNSSGNSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.001008864
CAASEDSGTYQRF	TRAV14-2	TRAJ13	0.001008864
CAASFGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.001008864
CAASFTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.001008864
CAASGNTDGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001008864
CAASPYNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001008864

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	IMGT nomenclature		
CAASNGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.001393243
CAASPSNNRIFF	TRAV14-2	TRAJ31	0.001393243
CAASRAEGADRLTF	TRAV14D-1	TRAJ45	0.001393243
CAASREGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001393243
CAASRMSDSNYQLIW	TRAV14-2	TRAJ33	0.001393243
CAASRSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.001393243
CAASTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001393243
CAASVGYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.001393243
CAASVVDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001393243
CAAVASSFSKLVF	TRAV19	TRAJ50	0.001393243
CAAVPSSFSKLVF	TRAV14-2	TRAJ50	0.001393243
CAAYQGSACKLIF	TRAV14D-3/DV8	TRAJ57	0.001393243
CAAAYTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001219087
CAAHTGNYKYVF	TRAV14-1	TRAJ40	0.001219087
CAAHVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001219087
CAAIRNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001219087
CAAKEGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.001219087
CAARANTGYQNFYF	TRAV14-2	TRAJ49	0.001219087
CAARNNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.001219087
CAARTEGADRLTF	TRAV14-2	TRAJ45	0.001219087
CAASAANTGNYKYVF	TRAV14-2	TRAJ40	0.001219087
CAASAQQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001219087
CAASEANNRIFF	TRAV14-2	TRAJ31	0.001219087
CAASEDSNYQLIW	TRAV14-2	TRAJ33	0.001219087
CAASEEGNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.001219087
CAASEGGGRALIF	TRAV14D-3/DV8	TRAJ15	0.001219087
CAASEGNNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.001219087
CAASENNNAGAKLTF	TRAV14-2	TRAJ39	0.001219087
CAASERNNSNNRIFF	TRAV14-2	TRAJ31	0.001219087
CAASGGNYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.001219087
CAASGVQGTGSKLSF	TRAV14-2	TRAJ58	0.001219087
CAASHSNYQLIW	TRAV14-2	TRAJ33	0.001219087
CAASPYNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001219087
CAASRAEGADRLTF	TRAV14-1	TRAJ45	0.001219087
CAASRDGTANTGKLTFF	TRAV14-1	TRAJ52	0.001219087
CAASRFGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001219087
CAASRGNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001219087
CAASRVNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001219087
CAASSSGGSNYKLTFF	TRAV14-2	TRAJ53	0.001219087
CAASTHTGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001219087
CAASVRNSNNRIFF	TRAV14-2	TRAJ31	0.001219087
CAASVTGANTGKLTFF	TRAV14-2	TRAJ52	0.001219087
CAATLSSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.001219087
CAAYTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.001219087
CAARNNNNAPRF	TRAV19	TRAJ43	0.001044932
CAADMATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.001044932
CAADTGNKYVF	TRAV14-2	TRAJ40	0.001044932
CAAHVGDNSKLIW	TRAV14-1	TRAJ38	0.001044932
CAAHVGDNSKLIW	TRAV14-2	TRAJ38	0.001044932
CAAKGNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001044932
CAAKIGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001044932
CAAKNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001044932
CAAKTGNKYVF	TRAV14D-3/DV8	TRAJ40	0.001044932
CAANVGDNSKLIW	TRAV14-2	TRAJ38	0.001044932
CAAPVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001044932

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	IMGT nomenclature		
CAASRGGNEKITF	TRAV14-2	TRAJ48	0.001008864
CAASSGGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.001008864
CAASVVDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001008864
CAAVASSFSKLVF	TRAV14-2	TRAJ50	0.001008864
CAAYNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001008864
CAGATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.001008864
CAAANSNRRIFf	TRAV14D-3/DV8	TRAJ31	0.000936802
CAAIASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000936802
CAAIRNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000936802
CAAKVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000936802
CAANVGDNSKLIW	TRAV14-2	TRAJ38	0.000936802
CAARANTGYQNFYF	TRAV14-1	TRAJ49	0.000936802
CAARGDTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000936802
CAARNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000936802
CAARRAEGADRLTF	TRAV14-2	TRAJ45	0.000936802
CAASADSNRRIFf	TRAV14-1	TRAJ31	0.000936802
CAASAKGSSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.000936802
CAASALSGSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.000936802
CAASANTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000936802
CAASATASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000936802
CAASDSNNRLTL	TRAV14D-3/DV8	TRAJ7	0.000936802
CAASEDSNYQLIW	TRAV14-2	TRAJ33	0.000936802
CAASEGGADRLTF	TRAV14D-1	TRAJ45	0.000936802
CAASKGTGGYKVVf	TRAV14-2	TRAJ12	0.000936802
CAASKGTGGYKVVf	TRAV14D-3/DV8	TRAJ12	0.000936802
CAASLAGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000936802
CAASSTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000936802
CAASTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000936802
CAASYGGSNYKLTf	TRAV14D-3/DV8	TRAJ53	0.000936802
CAASYTYQNFYF	TRAV14-1	TRAJ49	0.000936802
CAATVNNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.000936802
CASNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000936802
CAADMATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.00086474
CAADTNAYKVIF	TRAV14-1	TRAJ30	0.00086474
CAAGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.00086474
CAAKGNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.00086474
CAARDSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.00086474
CAARDTNAYKVIF	TRAV14-2	TRAJ30	0.00086474
CAARENSNRRIFf	TRAV14D-3/DV8	TRAJ31	0.00086474
CAARETGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00086474
CAARGATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.00086474
CAARSNTGYQHfYF	TRAV14D-3/DV8	TRAJ49	0.00086474
CAASAEGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.00086474
CAASAGNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00086474
CAASAKNNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.00086474
CAASATGANTGKLTf	TRAV14-2	TRAJ52	0.00086474
CAASATNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00086474
CAASDENNAGAKLTf	TRAV14-2	TRAJ39	0.00086474
CAASDGNNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.00086474
CAASEGGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00086474
CAASGDNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00086474
CAASGDSNRRIFf	TRAV14D-3/DV8	TRAJ31	0.00086474
CAASHSNYQLIW	TRAV14-2	TRAJ33	0.00086474
CAASHSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.00086474
CAASKDSNRRIFf	TRAV14D-3/DV8	TRAJ31	0.00086474

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	IMGT nomenclature		
CAARDNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001044932
CAARDSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001044932
CAARDTNAYKVIF	TRAV14-2	TRAJ30	0.001044932
CAARRGDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.001044932
CAARSGGSNAKLTf	TRAV14-1	TRAJ42	0.001044932
CAARSNNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.001044932
CAARTGYQHfYF	TRAV14D-3/DV8	TRAJ49	0.001044932
CAARTNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001044932
CAARVSNNTKVVf	TRAV14D-3/DV8	TRAJ34	0.001044932
CAASADTGNKYVF	TRAV14D-3/DV8	TRAJ40	0.001044932
CAASAEGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.001044932
CAASAKGSSGGKLTf	TRAV14-2	TRAJ44	0.001044932
CAASAQQQGTGSKLSf	TRAV14-2	TRAJ58	0.001044932
CAASARDGNEKITF	TRAV14-2	TRAJ48	0.001044932
CAASARNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001044932
CAASASTEGADRLTF	TRAV14-2	TRAJ45	0.001044932
CAASATDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001044932
CAASAVNSNRRIFf	TRAV14D-3/DV8	TRAJ31	0.001044932
CAASDDTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.001044932
CAASEASGGNYKPTf	TRAV14D-3/DV8	TRAJ6	0.001044932
CAASEDGNEKITF	TRAV14D-3/DV8	TRAJ48	0.001044932
CAASEDYGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.001044932
CAASEEGNAGAKLTf	TRAV14-2	TRAJ39	0.001044932
CAASEGAGAKLTf	TRAV14-2	TRAJ39	0.001044932
CAASEPGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.001044932
CAASETSNTNKVVf	TRAV14-2	TRAJ34	0.001044932
CAASFITGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.001044932
CAASGNTDGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001044932
CAASMSDNYQLIW	TRAV14-2	TRAJ33	0.001044932
CAASPNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001044932
CAASRGNQGSsAKLIF	TRAV14D-3/DV8	TRAJ57	0.001044932
CAASSNVGDNSKLIW	TRAV14-2	TRAJ38	0.001044932
CAASVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001044932
CAASVRNSNRRIFf	TRAV14D-3/DV8	TRAJ31	0.001044932
CAASYTYQNFYF	TRAV14-2	TRAJ49	0.001044932
CAATRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001044932
CASNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001044932
CAAGPLNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000870777
CAAHYSNNRLTL	TRAV14D-3/DV8	TRAJ7	0.000870777
CAAKDPGGSNAKLTf	TRAV14D-3/DV8	TRAJ42	0.000870777
CAALNTGNYKYVF	TRAV14-2	TRAJ40	0.000870777
CAAMATGGNNKLTf	TRAV14-2	TRAJ56	0.000870777
CAAMGGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000870777
CAARGEGRALIF	TRAV14-2	TRAJ15	0.000870777
CAARGNSGGSNAKLTf	TRAV14D-3/DV8	TRAJ42	0.000870777
CAARNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000870777
CAARPITGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000870777
CAARPNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000870777
CAARRSGGSNYKLTf	TRAV14D-3/DV8	TRAJ53	0.000870777
CAARSGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000870777
CAARSNTGYQNFYF	TRAV14-2	TRAJ49	0.000870777
CAARVGNKYVF	TRAV14D-3/DV8	TRAJ40	0.000870777
CAASADSNRRIFf	TRAV14-1	TRAJ31	0.000870777
CAASAENNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.000870777
CAASAGNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000870777

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	IMGT nomenclature		
CAASKSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.00086474
CAASLRGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00086474
CAASPSNRRIF	TRAV14-2	TRAJ31	0.00086474
CAASRGNTGNYKYVF	TRAV14-2	TRAJ40	0.00086474
CAAYTGNYKYVF	TRAV14-2	TRAJ40	0.00086474
CAVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00086474
CAAGDNSKLIW	TRAV14-2	TRAJ38	0.000792679
CAAHVGDNSKLIW	TRAV14-2	TRAJ38	0.000792679
CAAILNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000792679
CAAKGVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000792679
CAAKSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000792679
CAAPVGDNSKLIW	TRAV14-2	TRAJ38	0.000792679
CAARGDTGANTGKLT	TRAV14-2	TRAJ52	0.000792679
CAARSGGSNAKLT	TRAV14-1	TRAJ42	0.000792679
CAASADSGTYQRF	TRAV14D-3/DV8	TRAJ13	0.000792679
CAASAGNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000792679
CAASAGSNRRIF	TRAV14-1	TRAJ31	0.000792679
CAASALAGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000792679
CAASAMDTGNYKYVF	TRAV14-2	TRAJ40	0.000792679
CAASAPNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000792679
CAASAQQGTGSKLSF	TRAV14-2	TRAJ58	0.000792679
CAASEDNEKIF	TRAV14D-3/DV8	TRAJ48	0.000792679
CAASEGNAGAKLT	TRAV14D-3/DV8	TRAJ39	0.000792679
CAASEGGTGSLSF	TRAV14D-3/DV8	TRAJ58	0.000792679
CAASGTTEGADRLT	TRAV14D-3/DV8	TRAJ45	0.000792679
CAASGVQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000792679
CAASKGNRRIF	TRAV14D-3/DV8	TRAJ31	0.000792679
CAASLAGNTGKLI	TRAV14-2	TRAJ37	0.000792679
CAASLTNSAGNKLT	TRAV14-2	TRAJ17	0.000792679
CAANSVGGKLT	TRAV14D-3/DV8	TRAJ44	0.000792679
CAASPFNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000792679
CAASTHTEGADRLT	TRAV14D-3/DV8	TRAJ45	0.000792679
CAASVSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.000792679
CAASVTNTGANTGKLT	TRAV14-2	TRAJ52	0.000792679
CAASYTGYNFYF	TRAV14-2	TRAJ49	0.000792679
CAAVPSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000792679
CAAYTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000792679
CAAHTGNYKYVF	TRAV14D-1	TRAJ40	0.000720617
CAAKTGNTGKLI	TRAV14-2	TRAJ37	0.000720617
CAALNTGNYKYVF	TRAV14-2	TRAJ40	0.000720617
CAANTGNYKYVF	TRAV14-2	TRAJ40	0.000720617
CAARANTGYQHFF	TRAV14D-3/DV8	TRAJ49	0.000720617
CAARDTGYQNFYF	TRAV14-2	TRAJ49	0.000720617
CAAREGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000720617
CAARFNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000720617
CAARGNTEGADRLT	TRAV14D-3/DV8	TRAJ45	0.000720617
CAARGTNAYKVI	TRAV14-2	TRAJ30	0.000720617
CAARRGDSNYQLIW	TRAV14-2	TRAJ33	0.000720617
CAARSGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000720617
CAARTGNYKYVF	TRAV14-2	TRAJ40	0.000720617
CAASAEAGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000720617
CAASAGSNRRIF	TRAV14-2	TRAJ31	0.000720617
CAASANTEGADRLT	TRAV14-2	TRAJ45	0.000720617
CAASARDNYAQLT	TRAV14D-3/DV8	TRAJ26	0.000720617
CAASATNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000720617

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	IMGT nomenclature		
CAASANTNTGKLT	TRAV14-2	TRAJ27	0.000870777
CAASAPDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000870777
CAASAQATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000870777
CAASARGNEKIF	TRAV14D-1	TRAJ48	0.000870777
CAASATNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000870777
CAASDENNAGAKLT	TRAV14-2	TRAJ39	0.000870777
CAASDGGSNKLT	TRAV14D-3/DV8	TRAJ42	0.000870777
CAASDNEKIF	TRAV14D-1	TRAJ48	0.000870777
CAASDNNRLL	TRAV14D-3/DV8	TRAJ7	0.000870777
CAASEGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000870777
CAASENNNAGAKLT	TRAV14D-3/DV8	TRAJ39	0.000870777
CAASERNNRRIF	TRAV14-1	TRAJ31	0.000870777
CAASESNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000870777
CAASGSAGANTGKLT	TRAV14-2	TRAJ52	0.000870777
CAASGVNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000870777
CAASHSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000870777
CAASLRGTGSKLSF	TRAV14-2	TRAJ58	0.000870777
CAANSVGGKLT	TRAV14-2	TRAJ44	0.000870777
CAASPPGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000870777
CAASPVNVDNSKLIW	TRAV14-2	TRAJ38	0.000870777
CAASQNTGADRLT	TRAV14-1	TRAJ45	0.000870777
CAASRGGNEKIF	TRAV14-2	TRAJ48	0.000870777
CAASRGTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000870777
CAASRPNTGNYKYVF	TRAV14-2	TRAJ40	0.000870777
CAASRTDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000870777
CAASSNVGDNSKLIW	TRAV14D-1	TRAJ38	0.000870777
CAASSTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000870777
CAASTGYQNFYF	TRAV14-2	TRAJ49	0.000870777
CAASVGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000870777
CAATVNNNAGAKLT	TRAV14D-3/DV8	TRAJ39	0.000870777
CAAYNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000870777
CAAANSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000696621
CAAATGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000696621
CAADPGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000696621
CAAGGSNYKLT	TRAV14-2	TRAJ53	0.000696621
CAAGGTGANTGKLT	TRAV19	TRAJ52	0.000696621
CAAHTGNYKYVF	TRAV14D-1	TRAJ40	0.000696621
CAAKGDTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.000696621
CAAKGGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000696621
CAAKGNTGYQNFYF	TRAV14-2	TRAJ49	0.000696621
CAALFNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000696621
CAAMSSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000696621
CAANDRGSALGRLHF	TRAV14-2	TRAJ18	0.000696621
CAANTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000696621
CAAPVGDNSKLIW	TRAV14-2	TRAJ38	0.000696621
CAARFTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000696621
CAAREDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000696621
CAARESGGSNYKLT	TRAV14-2	TRAJ53	0.000696621
CAARGATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000696621
CAARGGYNQKLI	TRAV14D-3/DV8	TRAJ23	0.000696621
CAARGITGNTGKLI	TRAV14D-3/DV8	TRAJ37	0.000696621
CAARGNSGGSNKLT	TRAV14-2	TRAJ42	0.000696621
CAARGTNAYKVI	TRAV14-2	TRAJ30	0.000696621
CAARGTNAYKVI	TRAV14D-3/DV8	TRAJ30	0.000696621
CAARITGNTGKLI	TRAV14D-3/DV8	TRAJ37	0.000696621

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	IMGT nomenclature		
CAASDGNEKITF	TRAV14D-1	TRAJ48	0.000720617
CAASDSNNRLTL	TRAV14-2	TRAJ7	0.000720617
CAASDTGYQHIFY	TRAV14D-3/DV8	TRAJ49	0.000720617
CAASEANNRIFF	TRAV14-2	TRAJ31	0.000720617
CAASEDSGYQRF	TRAV14D-3/DV8	TRAJ13	0.000720617
CAASEDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000720617
CAASEDTGNYKYVF	TRAV14-2	TRAJ40	0.000720617
CAASEEGNAGAKLTF	TRAV14-2	TRAJ39	0.000720617
CAASLTNSAGNKLTF	TRAV14D-3/DV8	TRAJ17	0.000720617
CAASMGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000720617
CAASPYNVGDNSKLIW	TRAV14-2	TRAJ38	0.000720617
CAASQNTGADRDLTF	TRAV14-1	TRAJ45	0.000720617
CAASRDNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000720617
CAASRPNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000720617
CAASSAGYQNFYF	TRAV14-2	TRAJ49	0.000720617
CAASVGDNSNYQLIW	TRAV14-2	TRAJ33	0.000720617
CAASVGYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000720617
CAAVNTGNYKYVF	TRAV14-2	TRAJ40	0.000720617
CAPGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.000720617
CASGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.000720617
CAAHTGNYTYVF	TRAV14-2	TRAJ40	0.000648555
CAAKGMQQTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000648555
CAAKIGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000648555
CAALDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000648555
CAAPEGADRDLTF	TRAV14-2	TRAJ45	0.000648555
CAARGAYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000648555
CAARIASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000648555
CAARITGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000648555
CAASADNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000648555
CAASAGGADRDLTF	TRAV14D-3/DV8	TRAJ45	0.000648555
CAASAGNQGGSAKLIF	TRAV14D-3/DV8	TRAJ57	0.000648555
CAASAGRGSALGRHLF	TRAV14-1	TRAJ18	0.000648555
CAASANTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000648555
CAASAPAGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000648555
CAASATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000648555
CAASEGGAARLTF	TRAV14D-3/DV8	TRAJ45	0.000648555
CAASEGGADRDLTF	TRAV14-1	TRAJ45	0.000648555
CAASEGGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000648555
CAASEGGGSNYKLTFF	TRAV14-2	TRAJ53	0.000648555
CAASENSNNRIFF	TRAV14D-1	TRAJ31	0.000648555
CAASGDNTNTGKLTFF	TRAV14D-3/DV8	TRAJ27	0.000648555
CAASGGAEGADRDLTF	TRAV14-2	TRAJ45	0.000648555
CAASGGNYGNEKITF	TRAV14-2	TRAJ48	0.000648555
CAASGNTEGAARLTF	TRAV14D-3/DV8	TRAJ45	0.000648555
CAASGNTEGADSLTF	TRAV14D-3/DV8	TRAJ45	0.000648555
CAASGNVGDNSKLIW	TRAV14-1	TRAJ38	0.000648555
CAASGTNYNQKLIFF	TRAV14D-3/DV8	TRAJ23	0.000648555
CAASLTSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.000648555
CAASPATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000648555
CAASRDGTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000648555
CAASSGGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.000648555
CAASVGNNSNNRIFF	TRAV14-2	TRAJ31	0.000648555
CAASVNNNNAPRF	TRAV14-2	TRAJ43	0.000648555
CAASVYNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000648555
CAATLTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000648555

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	IMGT nomenclature		
CAARKAEGADRDLTF	TRAV14-2	TRAJ45	0.000696621
CAARNNNNAPRF	TRAV14-2	TRAJ43	0.000696621
CAARNTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000696621
CAARRTGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000696621
CAARTNTGYQNFYF	TRAV14-2	TRAJ49	0.000696621
CAARTSSGQKLVF	TRAV14D-1	TRAJ16	0.000696621
CAASAANTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000696621
CAASAGYNNQKLIFF	TRAV14D-3/DV8	TRAJ23	0.000696621
CAASAKGSGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.000696621
CAASALSGSGKLTLL	TRAV14D-3/DV8	TRAJ44	0.000696621
CAASANTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000696621
CAASAPNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000696621
CAASAQGNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000696621
CAASARNSGGSNYKLTFF	TRAV14-2	TRAJ53	0.000696621
CAASASDQGSAKLIFF	TRAV14-2	TRAJ57	0.000696621
CAASASDQGSAKLIFF	TRAV14D-3/DV8	TRAJ57	0.000696621
CAASASGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000696621
CAASANTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000696621
CAASATDTGNYKYVF	TRAV14-2	TRAJ40	0.000696621
CAASATGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000696621
CAASATYQGGRALIFF	TRAV14D-3/DV8	TRAJ15	0.000696621
CAASAVASSFSKLVF	TRAV14-1	TRAJ50	0.000696621
CAASAVQQTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000696621
CAASAYTEGADRDLTF	TRAV14-2	TRAJ45	0.000696621
CAASDDTNAYKVIF	TRAV14-2	TRAJ30	0.000696621
CAASDEGNAGAKLTF	TRAV14-2	TRAJ39	0.000696621
CAASDGGSGKLTLL	TRAV14-2	TRAJ44	0.000696621
CAASEASGGNYKPTF	TRAV14-2	TRAJ6	0.000696621
CAASEEDNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000696621
CAASEGDNAGAKLTF	TRAV14-2	TRAJ39	0.000696621
CAASEGDNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000696621
CAASEGGGSNYKLTFF	TRAV14-1	TRAJ53	0.000696621
CAASEGNSNNRIFF	TRAV14D-1	TRAJ31	0.000696621
CAASEGNSTNRIFF	TRAV14-2	TRAJ31	0.000696621
CAASEGSSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000696621
CAASEGTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000696621
CAASEGTNTGKLTFF	TRAV14D-3/DV8	TRAJ27	0.000696621
CAASEPSSGQKLVF	TRAV14-2	TRAJ16	0.000696621
CAASGDNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000696621
CAASGGAEGADRDLTF	TRAV14-2	TRAJ45	0.000696621
CAASGGDNNAPRF	TRAV14-2	TRAJ43	0.000696621
CAASGGDNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000696621
CAASGGNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000696621
CAASGGTNSAGNKLTFF	TRAV14D-3/DV8	TRAJ17	0.000696621
CAASGLTEGADRDLTF	TRAV14D-3/DV8	TRAJ45	0.000696621
CAASGNTEGADRDLTF	TRAV14-1	TRAJ45	0.000696621
CAASGSTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000696621
CAASGTNYNQKLIFF	TRAV14D-3/DV8	TRAJ23	0.000696621
CAASKDTGANTGKLTFF	TRAV14-2	TRAJ52	0.000696621
CAASKGGSNAKLTFF	TRAV14D-3/DV8	TRAJ42	0.000696621
CAASLAGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.000696621
CAASLTGTANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000696621
CAASLRGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000696621
CAASLTNSAGNKLTFF	TRAV14-2	TRAJ17	0.000696621
CAASPNTGNYKYVF	TRAV14-2	TRAJ40	0.000696621

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	IMGT nomenclature		
CAAVASSFSKLVF	TRAV19	TRAJ50	0.000648555
CAGGSAGNKLTF	TRAV14D-3/DV8	TRAJ17	0.000648555
CAGLNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000648555
CAAGGGNEKITF	TRAV14-2	TRAJ48	0.000576493
CAAGLYSGSNKLIF	TRAV14D-3/DV8	TRAJ32	0.000576493
CAAKGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000576493
CAAKGNTGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000576493
CAAMGQQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000576493
CAARDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000576493
CAARDYAQGLTF	TRAV14D-3/DV8	TRAJ26	0.000576493
CAARGNSGGSNAKLTF	TRAV14D-3/DV8	TRAJ42	0.000576493
CAARGNTGYQNFYF	TRAV14-2	TRAJ49	0.000576493
CAARKDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000576493
CAARNTNAYKIVF	TRAV14D-3/DV8	TRAJ30	0.000576493
CAARPITGNTGLIF	TRAV14D-3/DV8	TRAJ37	0.000576493
CAARQNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000576493
CAARSNTGYQNFYF	TRAV14-1	TRAJ49	0.000576493
CAARTGGSNAKLTF	TRAV14-2	TRAJ42	0.000576493
CAARTGGSNAKLTF	TRAV14D-3/DV8	TRAJ42	0.000576493
CAARTGYQHFFYF	TRAV14D-3/DV8	TRAJ49	0.000576493
CAARTSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.000576493
CAASAANTGNYKYVF	TRAV14-2	TRAJ40	0.000576493
CAASAEDNAGAKLTF	TRAV14-2	TRAJ39	0.000576493
CAASAEGSSGNKLIF	TRAV14-2	TRAJ32	0.000576493
CAASAENNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000576493
CAASAGGTTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000576493
CAASAPNTGANTGKLT	TRAV14-2	TRAJ52	0.000576493
CAASARNTGNYKYVF	TRAV14-2	TRAJ40	0.000576493
CAASATDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000576493
CAASATGANTGKLT	TRAV14-1	TRAJ52	0.000576493
CAASATGNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000576493
CAASAVQQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000576493
CAASAYTEGADRLTF	TRAV14-1	TRAJ45	0.000576493
CAASDDSNRIFF	TRAV14-2	TRAJ31	0.000576493
CAASDGGNAKLTF	TRAV14D-3/DV8	TRAJ42	0.000576493
CAASETGGYKVVVF	TRAV14D-3/DV8	TRAJ12	0.000576493
CAASGDNNAPRF	TRAV14-2	TRAJ43	0.000576493
CAASGDTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.000576493
CAASGGATGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000576493
CAASGHTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000576493
CAASGNVGDNSKLIW	TRAV14D-1	TRAJ38	0.000576493
CAASGSGANTGKLT	TRAV14-2	TRAJ52	0.000576493
CAASGTNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000576493
CAASGVQQGTGSKLSF	TRAV14-2	TRAJ58	0.000576493
CAASPFNTGNYKYVF	TRAV14-2	TRAJ40	0.000576493
CAASRDTGANTGQLTF	TRAV14D-3/DV8	TRAJ52	0.000576493
CAASREASSFSKLVF	TRAV14-2	TRAJ50	0.000576493
CAASRGNQGGSAKLIF	TRAV14D-3/DV8	TRAJ57	0.000576493
CAASRNVDNSKLIW	TRAV14-2	TRAJ38	0.000576493
CAASRSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.000576493
CAASRTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000576493
CAASRTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000576493
CAASRTNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000576493
CAASSGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000576493
CAASTNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000576493

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	IMGT nomenclature		
CAASPGNYKYVF	TRAV14-2	TRAJ40	0.000696621
CAASRGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000696621
CAASRGPGEADRLTF	TRAV14D-3/DV8	TRAJ45	0.000696621
CAASRSNYQLIW	TRAV14-2	TRAJ33	0.000696621
CAASRSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000696621
CAASRTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000696621
CAASRVTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000696621
CAASSEGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000696621
CAASTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000696621
CAASVAGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000696621
CAASVDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000696621
CAASVDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000696621
CAASVGSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000696621
CAASVGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000696621
CAASVSGSWQLIF	TRAV14-2	TRAJ22	0.000696621
CAASVTNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000696621
CAASVVDNSKLIW	TRAV14-1	TRAJ38	0.000696621
CAASVYNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000696621
CAASWAGANTGKLT	TRAV14-2	TRAJ52	0.000696621
CAASYNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000696621
CAATSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.000696621
CAATTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000696621
CAAVASSFSKLVF	TRAV14-2	TRAJ50	0.000696621
CAAWNYNQKGLIF	TRAV14-2	TRAJ23	0.000696621
CASGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.000696621
CAAANSNNRIFF	TRAV14-2	TRAJ31	0.000522466
CAADTHAYKIVF	TRAV14D-3/DV8	TRAJ30	0.000522466
CAADTNAYKIVF	TRAV14-1	TRAJ30	0.000522466
CAAESSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000522466
CAAGAIASSFSKLVF	TRAV19	TRAJ50	0.000522466
CAAGDVGDNKLIW	TRAV14D-3/DV8	TRAJ38	0.000522466
CAAGHSNNRLTL	TRAV14D-3/DV8	TRAJ7	0.000522466
CAAGHYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000522466
CAAGSGGNYKPTF	TRAV14-1	TRAJ6	0.000522466
CAAGSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.000522466
CAAGTSGSWQLIF	TRAV14-2	TRAJ22	0.000522466
CAAGVDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000522466
CAAHSGGSNAKLTF	TRAV14D-3/DV8	TRAJ42	0.000522466
CAAHTGNYNYVF	TRAV14D-3/DV8	TRAJ40	0.000522466
CAAHTGNYTYVF	TRAV14D-3/DV8	TRAJ40	0.000522466
CAAIASSFSKLVF	TRAV14-2	TRAJ50	0.000522466
CAAIASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000522466
CAAKANTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000522466
CAAKGEGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000522466
CAAKGGDNKLIW	TRAV14-2	TRAJ38	0.000522466
CAAKGGTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000522466
CAAKGNSNNRIFF	TRAV14-2	TRAJ31	0.000522466
CAAKGNTGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000522466
CAAKGSNYQLIW	TRAV14-2	TRAJ33	0.000522466
CAAKRGANTGKLT	TRAV14-2	TRAJ52	0.000522466
CAAKSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000522466
CAAKTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000522466
CAAKTGNTGKLT	TRAV14-2	TRAJ37	0.000522466
CAAKTSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.000522466
CAALTEGADRLTF	TRAV14-2	TRAJ45	0.000522466

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	IMGT nomenclature		
CAASVDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000576493
CAASVNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000576493
CAASVTGANTGKLT	TRAV14-1	TRAJ52	0.000576493
CAASVTYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000576493
CAASVVDNSKLIW	TRAV14-2	TRAJ38	0.000576493
CAATLSSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.000576493
CAAVPSSFSKLVF	TRAV14-2	TRAJ50	0.000576493
CAGGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000576493
CAPGTGSNRLTF	TRAV14-2	TRAJ28	0.000576493
CGGGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.000576493
CAAANSNRIFF	TRAV14-2	TRAJ31	0.000504432
CAADTGNYKYVF	TRAV14-2	TRAJ40	0.000504432
CAADTNAYTVIF	TRAV14-2	TRAJ30	0.000504432
CAAGGSNYKLT	TRAV14-2	TRAJ53	0.000504432
CAAGPSSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000504432
CAAHSGGSNAKLT	TRAV14D-3/DV8	TRAJ42	0.000504432
CAAHYSNNRRTL	TRAV14D-3/DV8	TRAJ7	0.000504432
CAAIASSFSKLVF	TRAV14-2	TRAJ50	0.000504432
CAALFNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000504432
CAALNYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000504432
CAANDRGSALGRLHF	TRAV14-2	TRAJ18	0.000504432
CAANDRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000504432
CAANTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000504432
CAAREADRLTF	TRAV14D-3/DV8	TRAJ45	0.000504432
CAAREGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000504432
CAARGAEGADRLTF	TRAV14-1	TRAJ45	0.000504432
CAARGDTNAYKVIF	TRAV14-2	TRAJ30	0.000504432
CAARPNTGYQNFYF	TRAV14-2	TRAJ49	0.000504432
CAARRTGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000504432
CAARSNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000504432
CAARTGYQTFYF	TRAV14D-3/DV8	TRAJ49	0.000504432
CAARTNTGYQNFYF	TRAV14-2	TRAJ49	0.000504432
CAARVTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.000504432
CAASAEAGNTKLI	TRAV14-1	TRAJ37	0.000504432
CAASAGTGGYKVV	TRAV14-2	TRAJ12	0.000504432
CAASAGTGGYKVV	TRAV14D-3/DV8	TRAJ12	0.000504432
CAASAKGSGGKLT	TRAV14-2	TRAJ44	0.000504432
CAASAKGNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000504432
CAASALDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000504432
CAASARAGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000504432
CAASARDGNEKITF	TRAV14-2	TRAJ48	0.000504432
CAASARNGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000504432
CAASASNRIFF	TRAV14D-3/DV8	TRAJ31	0.000504432
CAASATNTGANTGKLT	TRAV14-2	TRAJ52	0.000504432
CAASATNTGNYKYVF	TRAV14-2	TRAJ40	0.000504432
CAASATYQGGRALIF	TRAV14-2	TRAJ15	0.000504432
CAASATYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000504432
CAASDGNRIFF	TRAV14D-3/DV8	TRAJ31	0.000504432
CAASDNRIFF	TRAV14-1	TRAJ31	0.000504432
CAASEEDNAGAKLTF	TRAV14-2	TRAJ39	0.000504432
CAASEEGRALIF	TRAV14D-1	TRAJ15	0.000504432
CAASEGGRALIF	TRAV14-2	TRAJ15	0.000504432
CAASEPGNTGKLI	TRAV14-2	TRAJ37	0.000504432
CAASEPGNTGKLI	TRAV14D-3/DV8	TRAJ37	0.000504432
CAASEPNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000504432

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	IMGT nomenclature		
CAAMGQQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000522466
CAANTGNYKYVF	TRAV14-2	TRAJ40	0.000522466
CAAPAGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000522466
CAAPDTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000522466
CAAPEGADRLTF	TRAV14D-1	TRAJ45	0.000522466
CAAPNYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000522466
CAARAAGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000522466
CAARAFSGGKLT	TRAV14-2	TRAJ44	0.000522466
CAARAYNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000522466
CAARDYAQGLTF	TRAV14-2	TRAJ26	0.000522466
CAARDYAQGLTF	TRAV14D-3/DV8	TRAJ26	0.000522466
CAARENSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000522466
CAARGAEGADRLTF	TRAV14D-1	TRAJ45	0.000522466
CAARGEGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000522466
CAARGGADRLTF	TRAV14D-1	TRAJ45	0.000522466
CAARGGSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.000522466
CAARLNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000522466
CAARPGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000522466
CAARRDNYAQGLTF	TRAV14D-3/DV8	TRAJ26	0.000522466
CAARRNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000522466
CAARSNTGYQHFYF	TRAV14D-3/DV8	TRAJ49	0.000522466
CAARSNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000522466
CAARTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000522466
CAARTGGNNKLT	TRAV14-2	TRAJ56	0.000522466
CAARTGGSNAKLT	TRAV14D-3/DV8	TRAJ42	0.000522466
CAARTGNYKYVF	TRAV14-2	TRAJ40	0.000522466
CAARTGYPNFYF	TRAV14D-3/DV8	TRAJ49	0.000522466
CAARTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000522466
CAARTSRGQKLVF	TRAV14D-3/DV8	TRAJ16	0.000522466
CAARVIASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000522466
CAASADNRIFF	TRAV14D-3/DV8	TRAJ31	0.000522466
CAASADSNNRIFF	TRAV14D-1	TRAJ31	0.000522466
CAASADSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000522466
CAASAEDNAGAKLTF	TRAV14-2	TRAJ39	0.000522466
CAASAEDNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000522466
CAASAEGTEGADRLTF	TRAV14-1	TRAJ45	0.000522466
CAASAENNAGAKLTF	TRAV14-2	TRAJ39	0.000522466
CAASAGDTGNYKYVF	TRAV14-2	TRAJ40	0.000522466
CAASAGGNMGYKLT	TRAV14-2	TRAJ9	0.000522466
CAASAGNNNAPRF	TRAV14-2	TRAJ43	0.000522466
CAASAGNQGSKLI	TRAV14-2	TRAJ57	0.000522466
CAASAGNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000522466
CAASAGTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000522466
CAASAKNNNAGAKLTF	TRAV14-2	TRAJ39	0.000522466
CAASALAGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000522466
CAASALRASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000522466
CAASAMDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000522466
CAASANTGNYKYVF	TRAV14-1	TRAJ40	0.000522466
CAASAPSTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000522466
CAASARGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000522466
CAASARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000522466
CAASARNTGNYKYVF	TRAV14-2	TRAJ40	0.000522466
CAASASGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.000522466
CAASANTGNYKYVF	TRAV14-2	TRAJ40	0.000522466
CAASATASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000522466

Naïve CD4 Replicate 1

	IMGT nomenclature		
CAASERNSNNRIFF	TRAV14-1	TRAJ31	0.000504432
CAASESNYQLIW	TRAV14-2	TRAJ33	0.000504432
CAASETSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000504432
CAASGGDNNAPRF	TRAV14-2	TRAJ43	0.000504432
CAASGGDNSKLIW	TRAV14-2	TRAJ38	0.000504432
CAASGTTGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000504432
CAASGVNYNQGLIF	TRAV14D-3/DV8	TRAJ23	0.000504432

Naïve CD4 Replicate 2

	IMGT nomenclature		
CAASATNNRIFF	TRAV14-2	TRAJ31	0.000522466
CAASAVASSSFKLVF	TRAV14-2	TRAJ50	0.000522466
CAASAVASSSFKLVF	TRAV14D-3/DV8	TRAJ50	0.000522466
CAASAVGQGGSAKLIF	TRAV14D-3/DV8	TRAJ57	0.000522466
CAASAVNSNNRIFF	TRAV14D-1	TRAJ31	0.000522466
CAASAVNTGANTGKLTF	TRAV14D-3/DV8	TRAJ52	0.000522466
CAASAVQQGTGSKLSF	TRAV14-2	TRAJ58	0.000522466

Naïve CD4 Replicate 3

CDR3	IMGT nomenclature		Frequency
	V	J	
CAASGNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.065586849
CAARTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.042451348
CAARTSSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.024634353
CAASRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.023812402
CAARTSSGQKLVF	TRAV14-2	TRAJ16	0.02250695
CAADTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.02221685
CAASRAEGADRLTF	TRAV14-2	TRAJ45	0.020838873
CAASEGNEKITF	TRAV14D-3/DV8	TRAJ48	0.019243322
CAASDGNEKITF	TRAV14D-3/DV8	TRAJ48	0.018832346
CAHTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.018808171
CAASDTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.016584069
CAARANTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.016197268
CAADTNAYKVIF	TRAV14-2	TRAJ30	0.014263266
CAARSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.014190741
CAASEGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.012836939
CAASEGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.012425964
CAHTGNYKYVF	TRAV14-2	TRAJ40	0.011386438
CAASRDTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.010008461
CAASGNTEGADRLTF	TRAV14-2	TRAJ45	0.009621661
CAADTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.009404086
CAARGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.009355736
CAARGAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.008920585
CAASAGRGSALGRHLHF	TRAV14D-3/DV8	TRAJ18	0.00875136
CAASEGGADRLTF	TRAV14-2	TRAJ45	0.007349208
CAAGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.007276683
CAASVGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.007179983
CAAPEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.006672308
CAARTSSGQKLVF	TRAV14-1	TRAJ16	0.006406382
CAGGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.006188807
CAASADSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.006116282
CAASRMDSNYQLIWF	TRAV14D-3/DV8	TRAJ33	0.005922882
CAARTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.005874532
CAASEGNSNNRIFF	TRAV14-2	TRAJ31	0.005487731
CAASRDTGANTGKLTFF	TRAV14-2	TRAJ52	0.005318506
CAASRDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.004786655
CAASARDGNEKITF	TRAV14D-3/DV8	TRAJ48	0.004641605
CAASDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00461743
CAASEEGRALIF	TRAV14D-3/DV8	TRAJ15	0.00432733
CAASGGAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00413393
CAARDNYAQLTFF	TRAV14D-3/DV8	TRAJ26	0.004061405
CAASARGGNEKITF	TRAV14D-3/DV8	TRAJ48	0.003940529
CAASEGAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.003940529
CAARTGYQNFYF	TRAV14-2	TRAJ49	0.003819654
CAASRGGNEKITF	TRAV14D-3/DV8	TRAJ48	0.003795479
CAASADSNNRIFF	TRAV14-2	TRAJ31	0.003771304
CAASESGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.003602079
CAASVRDTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.003505379
CAASENSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.003239454
CAAGDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.003215279
CAARESGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.003191104
CAASFTNTGKLTFF	TRAV14D-3/DV8	TRAJ27	0.003142754
CAADTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.003021878
CAARTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.002876828
CAARDNYAQLTFF	TRAV14-2	TRAJ26	0.002852653

Naïve CD4 Replicate 3

	IMGT nomenclature		
CAASPSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.002852653
CAASDSNNRIFF	TRAV14-2	TRAJ31	0.002828478
CAASQNTGADRLTF	TRAV14D-3/DV8	TRAJ45	0.002707603
CAAGTGSNRLTF	TRAV14-2	TRAJ28	0.002635078
CAARDSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.002610903
CAASAGASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.002586728
CAARSGGSNAKLF	TRAV14D-3/DV8	TRAJ42	0.002562553
CAASAGDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.002562553
CAASRHTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.002538378
CAADTGGNNKLF	TRAV14D-3/DV8	TRAJ56	0.002514203
CAASSGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.002514203
CAAVATGGNNKLF	TRAV14D-3/DV8	TRAJ56	0.002514203
CAASDDTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.002490028
CAASNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.002490028
CAASENSNNRIFF	TRAV14-2	TRAJ31	0.002441678
CAAGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.002417503
CAAKTGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.002417503
CAAGDTGNYKYVF	TRAV14-2	TRAJ40	0.002344978
CAASGGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.002344978
CAASAKGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.002320803
CAAMATGGNNKLF	TRAV14D-3/DV8	TRAJ56	0.002296628
CAARANTGYQNFYF	TRAV14-2	TRAJ49	0.002296628
CAASTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.002296628
CAATVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.002248278
CAARDTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.002224103
CAASVAGADRLTF	TRAV14D-3/DV8	TRAJ45	0.002224103
CAASEEGRALIF	TRAV14-2	TRAJ15	0.002103227
CAASAGRGSALGRLHF	TRAV14-2	TRAJ18	0.002079052
CAASEGAGAKLF	TRAV14-2	TRAJ39	0.002079052
CAARDTNAYKVIF	TRAV14-2	TRAJ30	0.002054877
CAASDGNEKIF	TRAV14-2	TRAJ48	0.002030702
CAASGNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.002030702
CAASEDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.001982352
CAASRAEGADRLTF	TRAV14D-1	TRAJ45	0.001958177
CAAILNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001909827
CAANTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001885652
CAARTEGADRLTF	TRAV14-2	TRAJ45	0.001885652
CAASAPNTGANTGKLF	TRAV14D-3/DV8	TRAJ52	0.001837302
CAASEANNRIFF	TRAV14D-3/DV8	TRAJ31	0.001837302
CAASQNTGADRLTF	TRAV14-2	TRAJ45	0.001837302
CAARDYGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.001813127
CAAKVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001788952
CAARGDTGANTGKLF	TRAV14D-3/DV8	TRAJ52	0.001788952
CAARSGGSNAKLF	TRAV14-2	TRAJ42	0.001788952
CAASARGGNEKIF	TRAV14-2	TRAJ48	0.001788952
CAASDSNNRIFF	TRAV14-1	TRAJ31	0.001764777
CAASRGEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001764777
CAASVTNTGANTGKLF	TRAV14D-3/DV8	TRAJ52	0.001764777
CAASYTGANTGKLF	TRAV14D-3/DV8	TRAJ52	0.001764777
CAASEGNEKIF	TRAV14-2	TRAJ48	0.001716427
CAARDTGYQNFYF	TRAV14-2	TRAJ49	0.001692252
CAARTNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001692252
CAASEEDNAGAKLF	TRAV14D-3/DV8	TRAJ39	0.001692252
CAASRAEGADRLTF	TRAV14-1	TRAJ45	0.001692252
CAAKGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001668077

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	IMGT nomenclature		
CAASRMDSNYQLIW	TRAV14-2	TRAJ33	0.001668077
CAASVGGADRLTF	TRAV14-2	TRAJ45	0.001668077
CAARGAEGADRLTF	TRAV14-2	TRAJ45	0.001643902
CAASDTGYQNFYF	TRAV14-2	TRAJ49	0.001643902
CAASEGNSNNRIFF	TRAV14-1	TRAJ31	0.001643902
CAANVGDNKLIW	TRAV14D-3/DV8	TRAJ38	0.001619727
CAASAKGNYKYVF	TRAV14-2	TRAJ40	0.001619727
CAASRDSNNRIFF	TRAV14-2	TRAJ31	0.001619727
CAASYTGANTGKLTf	TRAV14-2	TRAJ52	0.001619727
CAARGNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001571377
CAAKTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001547202
CAARPNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001523027
CAARGTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.001498852
CAASGNTEGADRLTF	TRAV14-1	TRAJ45	0.001498852
CAAMTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001474677
CAASAKGSGGKLTl	TRAV14D-3/DV8	TRAJ44	0.001474677
CAASEDSNYQLIW	TRAV14-2	TRAJ33	0.001474677
CAASFTNTGKLTf	TRAV14-2	TRAJ27	0.001474677
CAASGGNYGNEKITf	TRAV14D-3/DV8	TRAJ48	0.001474677
CAARSNTGYQNFYF	TRAV14-2	TRAJ49	0.001450502
CAASANTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.001450502
CAASRNVDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001450502
CAASVGNNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001450502
CAASVYNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.001450502
CAAETEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001426327
CAASAKNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.001426327
CAASDENNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.001426327
CAASGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001426327
CAAYNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001426327
CAARDYGSSGNKLIF	TRAV14-2	TRAJ32	0.001402152
CAASEGGGRALIF	TRAV14D-3/DV8	TRAJ15	0.001402152
CAADTNAYKVIF	TRAV14D-1	TRAJ30	0.001377977
CAAGTSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.001377977
CAAKGNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001377977
CAAMGQQTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001377977
CAASREASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001377977
CAASRGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001377977
CAAYTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001377977
CAASDGS GGKLTl	TRAV14D-3/DV8	TRAJ44	0.001353802
CAASTGYQNFYF	TRAV14-2	TRAJ49	0.001353802
CAAHTGNYKYVF	TRAV14-1	TRAJ40	0.001329626
CAAKIGDNKLIW	TRAV14D-3/DV8	TRAJ38	0.001329626
CAAKSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001329626
CAASERNNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001329626
CAASQGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001329626
CAARDNYAQLTF	TRAV14-1	TRAJ26	0.001305451
CAASEEDNAGAKLTf	TRAV14-2	TRAJ39	0.001305451
CAADTNAYKVIF	TRAV14-1	TRAJ30	0.001281276
CAAISSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001281276
CAARRAEGADRLTF	TRAV14-2	TRAJ45	0.001281276
CAGATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.001281276
CAASAITGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001257101
CAASRTGSGGKLTl	TRAV14D-3/DV8	TRAJ44	0.001257101
CAAVPSSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001257101
CAAHVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001232926

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	IMGT nomenclature		
CAALTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001232926
CAALNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001208751
CAARGGADRLTF	TRAV14-2	TRAJ45	0.001208751
CAASDGGSSNAKLSF	TRAV14D-3/DV8	TRAJ42	0.001208751
CAASEGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001208751
CAASQNTGADRLTF	TRAV14-1	TRAJ45	0.001208751
CAAPEGADRLTF	TRAV14-2	TRAJ45	0.001184576
CAARRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001184576
CAASAKGGSGGKLT	TRAV14-2	TRAJ44	0.001184576
CAARGDTGANTGKLSF	TRAV14-2	TRAJ52	0.001160401
CAASAEDNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.001160401
CAASAVNSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001160401
CAASGNTEGADRLTF	TRAV14D-1	TRAJ45	0.001160401
CAASHSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.001160401
CAARGAGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001136226
CAASAQQQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001136226
CAASDDSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001136226
CAASDGGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.001136226
CAAGGTGANTGKLSF	TRAV19	TRAJ52	0.001112051
CAARNNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.001112051
CAASAEGGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.001112051
CAASKDSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001112051
CAASVNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001112051
CAAVASSFSKLVF	TRAV19	TRAJ50	0.001087876
CAAPLGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001063701
CAARRSGGSNYKLSF	TRAV14D-3/DV8	TRAJ53	0.001063701
CAASAGNSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001063701
CAASEGGADRLTF	TRAV14D-1	TRAJ45	0.001063701
CAASVGSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.001063701
CAASYTYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001063701
CAAGAIASSFSKLVF	TRAV19	TRAJ50	0.001039526
CAARTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001039526
CAASRGGNEKITF	TRAV14-2	TRAJ48	0.001039526
CAASARNSGGSNYKLSF	TRAV14D-3/DV8	TRAJ53	0.001015351
CAASEDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001015351
CAASEGGGSNYKLSF	TRAV14D-3/DV8	TRAJ53	0.001015351
CAASERNNSNRIFF	TRAV14-2	TRAJ31	0.001015351
CAASGLTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001015351
CAASPYNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001015351
CAAVASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001015351
CASNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001015351
CAASAQQQGTGSKLSF	TRAV14-2	TRAJ58	0.000991176
CAASEASGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.000991176
CAASEGGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000991176
CAASSGGSNYKLSF	TRAV14D-3/DV8	TRAJ53	0.000991176
CAASVGSNSNRIFF	TRAV14-2	TRAJ31	0.000991176
CAATRAEGADRLTF	TRAV14-2	TRAJ45	0.000991176
CAATRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000991176
CAAHYSNNRRTL	TRAV14D-3/DV8	TRAJ7	0.000967001
CAAKGNTGYQNFYF	TRAV14-2	TRAJ49	0.000967001
CAAPVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000967001
CAAKGVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000942826
CAANVGDNSKLIW	TRAV14-2	TRAJ38	0.000942826
CAAREGGNNKLSF	TRAV14D-3/DV8	TRAJ56	0.000942826
CAASEGNNAKLSF	TRAV14D-3/DV8	TRAJ39	0.000942826

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	IMGT nomenclature		
CAASGDTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.000942826
CAASGGDNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000942826
CAASGNVGDNSKLIW	TRAV14-2	TRAJ38	0.000942826
CAAKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.000918651
CAASVGDNSYQLIW	TRAV14-2	TRAJ33	0.000918651
CAAKGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000894476
CAASAEAGNTGKLIF	TRAV14-2	TRAJ37	0.000894476
CAASAEAGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000894476
CAASAGNSNRRIF	TRAV14-2	TRAJ31	0.000894476
CAASESNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000894476
CAGLNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000894476
CAARKDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000870301
CAARRGGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000870301
CAASATASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000870301
CAASEGGRALIF	TRAV14-2	TRAJ15	0.000870301
CAASETSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000870301
CAASGSNRRIF	TRAV14-2	TRAJ31	0.000870301
CAASAITGNYKYVF	TRAV14-2	TRAJ40	0.000846126
CAASDGGSGKLT	TRAV14-2	TRAJ44	0.000846126
CAASEEGNAGAKLTF	TRAV14-2	TRAJ39	0.000846126
CAASGSGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000846126
CAASPSNRRIF	TRAV14-2	TRAJ31	0.000846126
CAADTGNYKYVF	TRAV14-2	TRAJ40	0.000821951
CAAGVIASSFSKLVF	TRAV19	TRAJ50	0.000821951
CAAHVGDNSKLIW	TRAV14-2	TRAJ38	0.000821951
CAASDDSNRRIF	TRAV14-2	TRAJ31	0.000821951
CAASDDTNAYKVIF	TRAV14-2	TRAJ30	0.000821951
CAASGGNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000821951
CAASPVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000821951
CAASSAGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000821951
CAASVVGDNKLIW	TRAV14D-3/DV8	TRAJ38	0.000821951
CAAAANSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000797776
CAARDNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000797776
CAARSGGSNAKLT	TRAV14-1	TRAJ42	0.000797776
CAASAANTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000797776
CAASADSNNRRIF	TRAV14-1	TRAJ31	0.000797776
CAASAEAGSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.000797776
CAASAPDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000797776
CAASRGPAGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000797776
CAAGGGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000773601
CAAISSFSKLVF	TRAV14-2	TRAJ50	0.000773601
CAARDYGSSGNKLI	TRAV14-1	TRAJ32	0.000773601
CAASENNAGAKLTF	TRAV14-2	TRAJ39	0.000773601
CAASGTNYNQKLI	TRAV14D-3/DV8	TRAJ23	0.000773601
CAASKGGSNAKLT	TRAV14D-3/DV8	TRAJ42	0.000773601
CAASLTNSAGNKLT	TRAV14D-3/DV8	TRAJ17	0.000773601
CAARENSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000749426
CAARGTNAYKVIF	TRAV14-2	TRAJ30	0.000749426
CAARRGGSALGRLHF	TRAV14-2	TRAJ18	0.000749426
CAASAGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000749426
CAASANTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.000749426
CAASARNRRIF	TRAV14D-3/DV8	TRAJ31	0.000749426
CAASEANNRRIF	TRAV14-2	TRAJ31	0.000749426
CAASESNYQLIW	TRAV14-2	TRAJ33	0.000749426
CAASHSNYQLIW	TRAV14-2	TRAJ33	0.000749426

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	IMGT nomenclature		
CAASPVNTGNYKYVF	TRAV14-2	TRAJ40	0.000749426
CAASPYNVGDNSKLIW	TRAV14-2	TRAJ38	0.000749426
CAASRNVDGNSKLIW	TRAV14-2	TRAJ38	0.000749426
CAASVVDGNSKLIW	TRAV14-2	TRAJ38	0.000749426
CAAVPSSFSKLVF	TRAV14-2	TRAJ50	0.000749426
CAAPVGDNSKLIW	TRAV14-2	TRAJ38	0.000725251
CAARGEGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000725251
CAARPITGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000725251
CAASARNRRIFF	TRAV14-2	TRAJ31	0.000725251
CAASATNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000725251
CAASGGDNNAPRF	TRAV14-2	TRAJ43	0.000725251
CAASVGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000725251
CAASVNNNNAPRF	TRAV14-2	TRAJ43	0.000725251
CAASVSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.000725251
CAAYSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000725251
CAAYTGNYKYVF	TRAV14-2	TRAJ40	0.000725251
CAPGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.000725251
CAADPGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000701076
CAALDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000701076
CAARGDTNAYKIVF	TRAV14D-3/DV8	TRAJ30	0.000701076
CAARNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000701076
CAARRGDSNYQLIW	TRAV14-2	TRAJ33	0.000701076
CAARVGNKYKYVF	TRAV14D-3/DV8	TRAJ40	0.000701076
CAARVSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000701076
CAASANTGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000701076
CAASARDGNEKITF	TRAV14-2	TRAJ48	0.000701076
CAASDSNNRRTL	TRAV14D-3/DV8	TRAJ7	0.000701076
CAASEEGNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000701076
CAASGGNYGNEKITF	TRAV14-2	TRAJ48	0.000701076
CAASVRNSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000701076
CAANTGNYKYVF	TRAV14-2	TRAJ40	0.000676901
CAARAYNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000676901
CAASADNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000676901
CAASEPGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000676901
CAASEGGSNYKLTf	TRAV14-2	TRAJ53	0.000676901
CAASSGGSNYKLTf	TRAV14-2	TRAJ53	0.000676901
CAAANSNRIFF	TRAV14-2	TRAJ31	0.000652726
CAALFNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000652726
CAASAYTEGADRLTF	TRAV14-2	TRAJ45	0.000652726
CAASKSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000652726
CAASRHTEGADRLTF	TRAV14-2	TRAJ45	0.000652726
CAASRPNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000652726
CAASYGGSNYKLTf	TRAV14D-3/DV8	TRAJ53	0.000652726
CAAGGSNYKLTf	TRAV14-2	TRAJ53	0.000628551
CAASADSGTYQRF	TRAV14D-3/DV8	TRAJ13	0.000628551
CAASASGQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000628551
CAASENNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000628551
CAASGDSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000628551
CAASRDTGANTGKLTF	TRAV14-1	TRAJ52	0.000628551
CAASTHTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000628551
CAGGGSNYKLTf	TRAV14-2	TRAJ53	0.000628551
CAARNNNNAPRF	TRAV19	TRAJ43	0.000604376
CAAPDTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000604376
CAARGGYNQKLIFF	TRAV14D-3/DV8	TRAJ23	0.000604376
CAASAPNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000604376

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	IMGT nomenclature		
CAASARNSGGSNYKLTF	TRAV14-2	TRAJ53	0.000604376
CAASASNQGGSAKLIF	TRAV14D-3/DV8	TRAJ57	0.000604376
CAASDENNAGAKLTF	TRAV14-2	TRAJ39	0.000604376
CAASEGSSSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000604376
CAASGGNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000604376
CAASLLPGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.000604376
CAASPFNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000604376
CAASRATEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000604376
CAASRGNQGGSAKLIF	TRAV14D-3/DV8	TRAJ57	0.000604376
CAASRGNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000604376
CAAKEGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000580201
CAAKGGTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000580201
CAALNTGNYKYVF	TRAV14-2	TRAJ40	0.000580201
CAARRGDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000580201
CAASADNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000580201
CAASATDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000580201
CAASAVNSNNRIFF	TRAV14-2	TRAJ31	0.000580201
CAASEGAGAKLTF	TRAV14-1	TRAJ39	0.000580201
CAASEGTGSKLSF	TRAV14-2	TRAJ58	0.000580201
CAASGSGTANTGKLTFF	TRAV14-2	TRAJ52	0.000580201
CAASKNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000580201
CAASKSNYQLIW	TRAV14-2	TRAJ33	0.000580201
CAASLAGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000580201
CAASTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000580201
CAASVGNKITYF	TRAV14D-3/DV8	TRAJ48	0.000580201
CAASYTGYQNFYF	TRAV14-2	TRAJ49	0.000580201
CAPGTGSNRLTF	TRAV14-2	TRAJ28	0.000580201
CAAKGSSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000556026
CAAQTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000556026
CAARADTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000556026
CAARPNTGYQNFYF	TRAV14-2	TRAJ49	0.000556026
CAARTGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000556026
CAASAGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000556026
CAASYTGANTGKLTFF	TRAV14-1	TRAJ52	0.000556026
CAAVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000556026
CAAIASSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000531851
CAARETGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000531851
CAARGVNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000531851
CAARTSGGNYKPTF	TRAV14-1	TRAJ6	0.000531851
CAARTSSGQKLVF	TRAV14D-1	TRAJ16	0.000531851
CAARVYNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000531851
CAASAEDNAGAKLTF	TRAV14-2	TRAJ39	0.000531851
CAASAGDTGNYKYVF	TRAV14-2	TRAJ40	0.000531851
CAASAKNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000531851
CAASAPNTGANTGKLTFF	TRAV14-2	TRAJ52	0.000531851
CAASARRGQGGSAKLIF	TRAV14D-3/DV8	TRAJ57	0.000531851
CAASDPGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000531851
CAASEDGNKITYF	TRAV14D-3/DV8	TRAJ48	0.000531851
CAASEPASSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000531851
CAASFTNAYKVIF	TRAV14-2	TRAJ30	0.000531851
CAASKGNRIFF	TRAV14D-3/DV8	TRAJ31	0.000531851
CAASSAGYQNFYF	TRAV14-2	TRAJ49	0.000531851
CASHTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000531851
CAAGSYTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000507676
CAAHTGNYKYVF	TRAV14D-1	TRAJ40	0.000507676

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	IMGT nomenclature		
CAAIRNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000507676
CAAKGNNNAPRF	TRAV14-2	TRAJ43	0.000507676
CAARDYAQLTF	TRAV14D-3/DV8	TRAJ26	0.000507676
CAASAANTGNYKYVF	TRAV14-2	TRAJ40	0.000507676
CAASAEGSSGNKLIF	TRAV14-2	TRAJ32	0.000507676
CAASAGASSFSKLVF	TRAV14-2	TRAJ50	0.000507676
CAASAGNQGGSAKLIF	TRAV14D-3/DV8	TRAJ57	0.000507676
CAASAGSGGNYKPTF	TRAV14-2	TRAJ6	0.000507676
CAASAMDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000507676
CAASAWTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000507676
CAASDSNNRRTL	TRAV14-2	TRAJ7	0.000507676
CAASEGGADRLTF	TRAV14-1	TRAJ45	0.000507676
CAASEGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000507676
CAASFTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000507676
CAASGGNYQLIW	TRAV14-2	TRAJ33	0.000507676
CAASLTNSAGNKLTF	TRAV14-2	TRAJ17	0.000507676
CAASRATEGADRLTF	TRAV14-2	TRAJ45	0.000507676
CAASRGDQGGSAKLIF	TRAV14D-3/DV8	TRAJ57	0.000507676
CAASSEGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000507676
CAASSTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000507676
CAASYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000507676
CAASYNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000507676
CAVTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000507676
CAAKGMQGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000483501
CAAKGNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000483501
CAARGAEGADRLTF	TRAV14-3	TRAJ45	0.000483501
CAARGDTNAYKVIF	TRAV14-2	TRAJ30	0.000483501
CAARTGGNNKLT	TRAV14-2	TRAJ56	0.000483501
CAARTNTGYQNFYF	TRAV14-2	TRAJ49	0.000483501
CAASADTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000483501
CAASASGGNYKPTF	TRAV14-2	TRAJ6	0.000483501
CAASATGNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000483501
CAASEEGRALIF	TRAV14-1	TRAJ15	0.000483501
CAASEGTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000483501
CAASEGTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.000483501
CAASERNSNRIFF	TRAV14-1	TRAJ31	0.000483501
CAASGDTNTGKLT	TRAV14-2	TRAJ27	0.000483501
CAASGGAEGADRLTF	TRAV14-2	TRAJ45	0.000483501
CAASGNTEGADRLTF	TRAV14-3	TRAJ45	0.000483501
CAASGVNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000483501
CAASRDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000483501
CAASSNVGDNSKLIW	TRAV14-2	TRAJ38	0.000483501
CAASVTNTGANTGKLT	TRAV14-2	TRAJ52	0.000483501
CAASYITGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000483501
CAATVNNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000483501
CAPMQGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000483501
CAAGPLNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000459326
CAAKGSSFSKLVF	TRAV14-2	TRAJ50	0.000459326
CAARANTGYQNFYF	TRAV14-1	TRAJ49	0.000459326
CAARDGGSNAKLT	TRAV14D-3/DV8	TRAJ42	0.000459326
CAAREGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000459326
CAARQNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000459326
CAASAGRGSALGRLHF	TRAV14-1	TRAJ18	0.000459326
CAASAKGSALGRLHF	TRAV14-2	TRAJ18	0.000459326
CAASASDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000459326

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	IMGT nomenclature		
CAASAVNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000459326
CAASFGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.000459326
CAASGGDNSKLIW	TRAV14-2	TRAJ38	0.000459326
CAASGGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000459326
CAASKDTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000459326
CAASSGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000459326
CAASVSGSWQLIF	TRAV14-2	TRAJ22	0.000459326
CAGLNTGNYKYVF	TRAV14-2	TRAJ40	0.000459326
CGGGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.000459326
CAADMATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00043515
CAAGEGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00043515
CAARKNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.00043515
CAASAGSNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.00043515
CAASAKDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00043515
CAASASASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00043515
CAASEEGRALIF	TRAV14D-1	TRAJ15	0.00043515
CAASEVGNNAAPRF	TRAV14D-3/DV8	TRAJ43	0.00043515
CAASGGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.00043515
CAASMDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.00043515
CAASRPNTGNYKYVF	TRAV14-2	TRAJ40	0.00043515
CAASRRDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.00043515
CAASRTDSNYQLIW	TRAV14-2	TRAJ33	0.00043515
CAASSNVGDNSKLIW	TRAV14D-1	TRAJ38	0.00043515
CAASTHTEGADRLTF	TRAV14-2	TRAJ45	0.00043515
CAENSNNRIF	TRAV14D-3/DV8	TRAJ31	0.000410975
CAAGALASSFSKLVF	TRAV19	TRAJ50	0.000410975
CAAGGGNEKITF	TRAV14-2	TRAJ48	0.000410975
CAAGQNNAGAKLT	TRAV14D-3/DV8	TRAJ39	0.000410975
CAAGTSGSWQLIF	TRAV14-2	TRAJ22	0.000410975
CAAGYNAGAKLT	TRAV14D-3/DV8	TRAJ39	0.000410975
CAAKGNTGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000410975
CAAKGSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000410975
CAALDTGNYKYVF	TRAV14-2	TRAJ40	0.000410975
CAARNNNAPRF	TRAV14-2	TRAJ43	0.000410975
CAARTGYQNFYF	TRAV14-1	TRAJ49	0.000410975
CAASAGSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.000410975
CAASAKNNAGAKLT	TRAV14-2	TRAJ39	0.000410975
CAASAQATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000410975
CAASATGNNAPRF	TRAV14-2	TRAJ43	0.000410975
CAASATNTGNYKYVF	TRAV14-2	TRAJ40	0.000410975
CAASDDTNAYKVF	TRAV14D-1	TRAJ30	0.000410975
CAASEDSGTQRF	TRAV14D-3/DV8	TRAJ13	0.000410975
CAASEGNEKITF	TRAV14D-1	TRAJ48	0.000410975
CAASELPGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.000410975
CAASERDNEKITF	TRAV14D-3/DV8	TRAJ48	0.000410975
CAASGVQQTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000410975
CAASKDTGANTGKLT	TRAV14-2	TRAJ52	0.000410975
CAASKNTEGADRLTF	TRAV14-2	TRAJ45	0.000410975
CAASLRGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000410975
CAASPMNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000410975
CAASRGNTGNYKYVF	TRAV14-2	TRAJ40	0.000410975
CAASRSNYQLIW	TRAV14-2	TRAJ33	0.000410975
CAASRTNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000410975
CAASTNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000410975
CAASVRDTGYQNFYF	TRAV14-2	TRAJ49	0.000410975

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	IMGT nomenclature		
CAASYTGYQNFYF	TRAV14-1	TRAJ49	0.000410975
CAGDTGGNNKLF	TRAV14D-3/DV8	TRAJ56	0.000410975
CASGGSNYKLF	TRAV14D-3/DV8	TRAJ53	0.000410975
CAATGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.0003868
CAAGNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.0003868
CAAGSAGNKLF	TRAV14-2	TRAJ17	0.0003868
CAAKGATGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.0003868

TCR sequences and frequencies from sorted Triple high Tregs

Triple High Tregs Replicate 1

Triple High Tregs Replicate 2

Triple High Tregs Replicate 1				Triple High Tregs Replicate 2			
CDR3	IMGT nomenclature		Frequency	CDR3	IMGT nomenclature		Frequency
	V	J			V	J	
CAASARNNRIFF	TRAV14-2	TRAJ31	0.122955975	CAAKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.368206956
CAASGSAGANTGKLTFF	TRAV14-2	TRAJ52	0.089447939	CAANDRGSALGRLHF	TRAV14-2	TRAJ18	0.097033685
CAASQGSNNRIFF	TRAV14-2	TRAJ31	0.051327743	CAAKEGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.049910873
CAAWSNNRIFF	TRAV14-1	TRAJ31	0.035988819	CAAKEGRTNAYKVIF	TRAV14-1	TRAJ30	0.049225285
CAASYSNNRIFF	TRAV14-2	TRAJ31	0.033892383	CAASTEGADRLTF	TRAV14-2	TRAJ45	0.032908268
CAASAGGYAQLTF	TRAV14D-3/DV8	TRAJ26	0.029944095	CAASARNNRIFF	TRAV14-2	TRAJ31	0.026326615
CAASVGRGSALGRLHF	TRAV14-1	TRAJ18	0.021698113	CAANDRGSALGRLHF	TRAV14-1	TRAJ18	0.016042781
CAASARNNRIFF	TRAV14D-3/DV8	TRAJ31	0.015828092	CAANDRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.013620367
CAASGGSNNRIFF	TRAV14-2	TRAJ31	0.015758211	CAASARNNRIFF	TRAV14D-3/DV8	TRAJ31	0.013117601
CAASDTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.012299092	CAASKAGTGSKLSF	TRAV14-2	TRAJ58	0.012706248
CAASIGSNNRIFF	TRAV14-2	TRAJ31	0.011914745	CAASNGSGKLTLL	TRAV14-2	TRAJ44	0.010603775
CAATPYQGGRALIF	TRAV14D-1	TRAJ15	0.010517121	CAAKAGRTNAYKVIF	TRAV14-2	TRAJ30	0.010512363
CAARASITGNTGKLIFF	TRAV14-2	TRAJ37	0.010097834	CAAKEGRTTAYKVIF	TRAV14-2	TRAJ30	0.009781069
CAASGSAGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.008979734	CAAKEGRTNAYNVIF	TRAV14-2	TRAJ30	0.008684126
CAASGSNGANTGKLTFF	TRAV14-2	TRAJ52	0.008770091	CAASTEGADRLTF	TRAV14-1	TRAJ45	0.008272773
CAASRGRGSALGRLHF	TRAV14-1	TRAJ18	0.008770091	CAAKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.008227067
CAARWNSNNRIFF	TRAV14-2	TRAJ31	0.008595388	CAASQGSNNRIFF	TRAV14-2	TRAJ31	0.00786142
CAASARSNNRIFF	TRAV14-2	TRAJ31	0.00814116	CAAKEGRTNAYTVIF	TRAV14-2	TRAJ30	0.006810183
CAAKDNNNAPRF	TRAV14-2	TRAJ43	0.007931516	CAASGSAGANTGKLTFF	TRAV14-2	TRAJ52	0.005439005
CAAWSNNRIFF	TRAV14-2	TRAJ31	0.007651992	CAATEGRTNAYKVIF	TRAV14-2	TRAJ30	0.004844828
CAASAQDGGSGKLTLL	TRAV14D-3/DV8	TRAJ44	0.007302586	CAAKEGRTNAYQVIF	TRAV14-2	TRAJ30	0.004799122
CAARNSNNRIFF	TRAV14-2	TRAJ31	0.00695318	CAAMATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.004707711
CAASQSRGSALGRLHF	TRAV14D-1	TRAJ18	0.006918239	CAASLTGSGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.004662005
CAASNGSGGKLTLL	TRAV14-2	TRAJ44	0.006708595	CAASTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.004616299
CAATITSSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.006219427	CAASNGSGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.004204945
CAARGTNSAGNKLTFF	TRAV14-2	TRAJ17	0.006149546	CAAWSNNRIFF	TRAV14-2	TRAJ31	0.004067828
CAASQGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.005870021	CAASEGSSGQKLVF	TRAV14-2	TRAJ16	0.004022122
CAARNSITGNTGKLIFF	TRAV14-2	TRAJ37	0.00580014	CAASQGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.003747886
CAPEGAKLTFF	TRAV14-2	TRAJ39	0.005625437	CAAKEGRTNAYKVIF	TRAV14D-1	TRAJ30	0.003473651
CAAPSSNTNKVVF	TRAV14-2	TRAJ34	0.005485674	CAAQEGRTNAYKVIF	TRAV14-2	TRAJ30	0.003290827
CAASAITNAYKVIF	TRAV14-2	TRAJ30	0.005485674	CAASVGRGSALGRLHF	TRAV14-2	TRAJ18	0.003199415
CAASARNNRIFF	TRAV14-1	TRAJ31	0.005031447	CAASKAGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.003153709
CAASTGRGSALGRLHF	TRAV14-1	TRAJ18	0.004786862	CAANLVNTGNYKYVF	TRAV14-2	TRAJ40	0.002925179
CAASRARGSALGRLHF	TRAV14D-1	TRAJ18	0.004751922	CAAKEGRTNAYKAIF	TRAV14-2	TRAJ30	0.002833768
CAASWGNNAPRF	TRAV14-2	TRAJ43	0.004542278	CAAVATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.002833768
CAASRGQGGRALIF	TRAV14-2	TRAJ15	0.004437456	CAASGGSNNRIFF	TRAV14-2	TRAJ31	0.002605238
CAASYSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.004297694	CAAKEGRPNAYKVIF	TRAV14-2	TRAJ30	0.002559532
CAGFTGSGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.004192872	CAASAQGNRIFF	TRAV14-2	TRAJ31	0.002513826
CAAMATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.00408805	CAASAYQQTGSKLSF	TRAV14-2	TRAJ58	0.002376708
CAASKDGGADRLTF	TRAV14-2	TRAJ45	0.00405311	CAANDRGSALGRLPF	TRAV14-2	TRAJ18	0.002331002
CAARPTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.003948288	CAASAGGYAQLTF	TRAV14D-3/DV8	TRAJ26	0.002193885
CAAWSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.003878407	CAASARNNRIFF	TRAV14-1	TRAJ31	0.002102473
CAARMNNNAGAKLTFF	TRAV14D-1	TRAJ39	0.003668763	CAASLGRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.002011061
CAARAPITGNTGKLIFF	TRAV14-2	TRAJ37	0.003563941	CAASKAGTGSKLSF	TRAV14-1	TRAJ58	0.001965355
CAASALHNYGNEKIF	TRAV14D-3/DV8	TRAJ48	0.00349406	CAAKEGRTNASKVIF	TRAV14-2	TRAJ30	0.001873943
CAARGNYNQGLIF	TRAV14-1	TRAJ23	0.003389238	CAAPSSFSKLVF	TRAV14-2	TRAJ50	0.001736825
CAASGSAGANTGKLTFF	TRAV14-1	TRAJ52	0.003249476	CAASGGTNKVVF	TRAV14D-3/DV8	TRAJ34	0.001736825
CAASVGRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.003249476	CAAKEGRTNAYKLVF	TRAV14-2	TRAJ30	0.001645413
CAASARNNRIFF	TRAV14D-1	TRAJ31	0.003179595	CAANARGSALGRLHF	TRAV14-2	TRAJ18	0.001599707
CAAARPSSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.003074773	CAARWNSNNRIFF	TRAV14-2	TRAJ31	0.001599707
CAASARGNNRIFF	TRAV14-2	TRAJ31	0.003039832	CAASDDNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001554002
CAAMATGGNNKLTFF	TRAV14-3	TRAJ56	0.002969951	CAASATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.001508296
CAARWTNYNVLYF	TRAV14-2	TRAJ21	0.00290007	CAASLGRGSALGRLHF	TRAV14-2	TRAJ18	0.00146259
CAASEGSSGQKLVF	TRAV14-2	TRAJ16	0.002865129	CAAAGRTNAYKVIF	TRAV14-1	TRAJ30	0.001416884

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	IMGT nomenclature		
CAASENGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.002830189
CAASGSSGANTGKLT	TRAV14-2	TRAJ52	0.002795248
CAASRITNAYKVIF	TRAV14-2	TRAJ30	0.002690426
CAASIRNRIFF	TRAV14-2	TRAJ31	0.002585604
CAAVPYQGGRALIF	TRAV14D-1	TRAJ15	0.002585604
CAASGGNNAGAKLTF	TRAV14D-1	TRAJ39	0.002550664
CAASWNSNRIFF	TRAV14-2	TRAJ31	0.002550664
CAARALYGSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.002480783
CAASDNTNTGKLT	TRAV14-1	TRAJ27	0.002480783
CAASVYGSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.002480783
CASGPTGNTGKLI	TRAV14-2	TRAJ37	0.002445842
CAASGDTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.002410901
CAASKDYGSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.002306608
CAASRTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.002306608
CAAGASGSWQLIF	TRAV14-2	TRAJ22	0.002236198
CAASQGNRIFF	TRAV14-2	TRAJ31	0.002201258
CAPYNTNTGKLT	TRAV14-1	TRAJ27	0.002201258
CLNTGNYKYVF	TRAV14-1	TRAJ40	0.002201258
CAASRGRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.002166317
CAARNYNQKLI	TRAV14D-3/DV8	TRAJ23	0.002131377
CAASDDNRIFF	TRAV14-3	TRAJ31	0.002131377
CAAREGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.002096436
CAASARNYGSSGNKLI	TRAV14D-1	TRAJ32	0.002096436
CAASLGRGSALGRLHF	TRAV14-1	TRAJ18	0.002061495
CAAVATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.002061495
CAARSTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.002026555
CAASAGYQNFYF	TRAV14-2	TRAJ49	0.002026555
CAASDNTNTGKLT	TRAV14D-1	TRAJ27	0.001991614
CAATPYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.001991614
CAASATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.001956674
CAASRSRGSALGRLHF	TRAV14D-1	TRAJ18	0.001956674
CAARNYNQKLI	TRAV14-2	TRAJ23	0.001921733
CAARRTFASALTF	TRAV14-2	TRAJ35	0.001886792
CAASVYNNRIFF	TRAV14-2	TRAJ31	0.001886792
CAASIIDYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.001851852
CAASVGRGSALGRLHF	TRAV14-2	TRAJ18	0.001851852
CAASWSGNTGKLI	TRAV14-2	TRAJ37	0.001851852
CAASGSSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001816911
CAASQGSNRIFF	TRAV14-1	TRAJ31	0.001816911
CAASTGRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.00174703
CAASAGQGGRALIF	TRAV14-2	TRAJ15	0.001677149
CAASDVSNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.001677149
CAASQSRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.001677149
CAAWRSNRIFF	TRAV14-2	TRAJ31	0.001677149
CAASGSAGANTGKLT	TRAV14D-1	TRAJ52	0.001642208
CAASPASSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.001607268
CAASRAGTGSNRLTF	TRAV14-2	TRAJ28	0.001607268
CAASWVPGANTGKLT	TRAV14-2	TRAJ52	0.001607268
CAATPYQGGRALIF	TRAV14-1	TRAJ15	0.001607268
CAAIINTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.001572327
CAASDTGANTGKLT	TRAV14-3	TRAJ52	0.001572327
CAASGDTNTGKLT	TRAV14-1	TRAJ27	0.001572327
CAGGSNAGAKLTF	TRAV14-2	TRAJ39	0.001572327
CAAKGAGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.001537386
CAASAWSNYNVLYF	TRAV14-2	TRAJ21	0.001537386

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	IMGT nomenclature		
CAAKDNNNAPRF	TRAV14-2	TRAJ43	0.001416884
CAASDDNNAPRF	TRAV14-2	TRAJ43	0.001416884
CAASAARGSALGRLHF	TRAV14-2	TRAJ18	0.001371178
CAASAITNAYKVIF	TRAV14-2	TRAJ30	0.001371178
CAASRSRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.001371178
CAASRTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.001325472
CAASVGRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.001325472
CAAKEGRTHAYKVIF	TRAV14D-3/DV8	TRAJ30	0.001279766
CAANDRGSFAGRLHF	TRAV14-2	TRAJ18	0.001279766
CAASNGSGKLT	TRAV14-1	TRAJ44	0.001188354
CAAKAGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.001142648
CAASEGSSGKLVF	TRAV14-1	TRAJ16	0.001142648
CAAKEGRTNAYNVIF	TRAV14D-3/DV8	TRAJ30	0.001096942
CAAPSSSFSLVF	TRAV14D-3/DV8	TRAJ50	0.001096942
CAASARNYGSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.001096942
CAASARSLGKLT	TRAV14D-3/DV8	TRAJ27	0.001096942
CAASGSAGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.001096942
CAATDRGSALGRLHF	TRAV14-2	TRAJ18	0.001096942
CAAWSNRIFF	TRAV14-1	TRAJ31	0.001096942
CAASAITNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.001051236
CAASAQGNRIFF	TRAV14D-3/DV8	TRAJ31	0.001051236
CAAFFTNAYKVIF	TRAV14-2	TRAJ30	0.00100553
CAAKEGRTTAYKVIF	TRAV14-1	TRAJ30	0.00100553
CAASVGRGSALGRLHF	TRAV14-1	TRAJ18	0.00100553
CAAKEGRTTAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000959824
CAGFTGSGKLT	TRAV14D-3/DV8	TRAJ44	0.000959824
CAAKEGRTNAYKGI	TRAV14-2	TRAJ30	0.000914119
CAAKEGRTNAYNVIF	TRAV14-1	TRAJ30	0.000914119
CAASGSSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000914119
CAASGNTKVVV	TRAV14-2	TRAJ34	0.000914119
CAASQSRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000914119
CAASTAGADRLTF	TRAV14-2	TRAJ45	0.000914119
CAAWSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000914119
CAAFFTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000868413
CAAKAGRTTAYKVIF	TRAV14-2	TRAJ30	0.000868413
CAAKEGRTHAYKVIF	TRAV14-1	TRAJ30	0.000868413
CAARWNSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000868413
CAASRSRGSALGRLHF	TRAV14-2	TRAJ18	0.000868413
CAAKEGRTNAYQVIF	TRAV14-1	TRAJ30	0.000822707
CAANDRGSALGRLHF	TRAV14D-1	TRAJ18	0.000822707
CAAQEGRTNAYKVIF	TRAV14-1	TRAJ30	0.000822707
CAASAGGYAQGLTF	TRAV14-2	TRAJ26	0.000822707
CAAKEGRTTAYTVIF	TRAV14-2	TRAJ30	0.000777001
CAAKERRTAYKVIF	TRAV14-2	TRAJ30	0.000777001
CAANDSGSALGRLHF	TRAV14-2	TRAJ18	0.000777001
CAASAARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000777001
CAASARSNRIFF	TRAV14-2	TRAJ31	0.000777001
CAAKEGRTNAYTVIF	TRAV14-1	TRAJ30	0.000731295
CAASAGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000731295
CAATEGRTNAYKVIF	TRAV14-1	TRAJ30	0.000731295
CAVPNTGANTGKLT	TRAV14-2	TRAJ52	0.000731295
CAAKEGRTTAYNVIF	TRAV14-2	TRAJ30	0.000685589
CAASARNRIFF	TRAV14D-3/DV8	TRAJ31	0.000685589
CAASLTGSGKLT	TRAV14-2	TRAJ44	0.000685589
CAAKDGRNTAYKVIF	TRAV14-2	TRAJ30	0.000639883

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	IMGT nomenclature		
CAASRGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.001537386
CAAGPMSNYNVLYF	TRAV19	TRAJ21	0.001467505
CAASASSNRRIF	TRAV14-2	TRAJ31	0.001467505
CAASVAMNQGGSAKLIF	TRAV14-1	TRAJ57	0.001467505
CAAGITGSGGKLT	TRAV14-2	TRAJ44	0.001432565
CAARLTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.001432565
CAASKGSNRRIF	TRAV14-2	TRAJ31	0.001432565
CAASVGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001397624
CAARALFTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.001362683
CAARPNAGAKLTF	TRAV14-2	TRAJ39	0.001362683
CAASAGNRRIF	TRAV14-2	TRAJ31	0.001362683
CAASDTGANTGKLT	TRAV14-2	TRAJ52	0.001362683
CAASALTGTGKLI	TRAV14D-3/DV8	TRAJ37	0.001327743
CAASGGASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001327743
CAAKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.001292802
CAARPLNYQLIW	TRAV14-2	TRAJ33	0.001292802
CAVRNSNRRIF	TRAV14-2	TRAJ31	0.001292802
CAASGSAGANTGQLTF	TRAV14-2	TRAJ52	0.001257862
CAASKGGQKLVF	TRAV14-2	TRAJ16	0.001257862
CAAYTEGADRLTF	TRAV14-1	TRAJ45	0.001257862
CAAGRNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001222921
CAAPNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001222921
CAASAYQGKLI	TRAV14-2	TRAJ23	0.001222921
CAASVGSNRRIF	TRAV14-2	TRAJ31	0.001222921
CAASKPGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00115304
CAASLMNNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00115304
CAASVTSSGQKLVF	TRAV14-2	TRAJ16	0.00115304
CAATEGADRLTF	TRAV14-2	TRAJ45	0.00115304
CAAISNTGYQNFYF	TRAV14-1	TRAJ49	0.001118099
CAARVTGANTGKLT	TRAV14D-1	TRAJ52	0.001118099
CAASEVSSGSWQLIF	TRAV14-3	TRAJ22	0.001118099
CAASLNYQLIW	TRAV14-2	TRAJ33	0.001118099
CAASQGSNRRIF	TRAV14D-1	TRAJ31	0.001118099
CAASRNGGNKLT	TRAV14D-3/DV8	TRAJ56	0.001118099
CAASVGGGRALIF	TRAV14-2	TRAJ15	0.001118099
CAAYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.001118099
CAARDYSNRLTL	TRAV14-2	TRAJ7	0.001083159
CAASAGFASALTF	TRAV14D-3/DV8	TRAJ35	0.001083159
CAASRGRGSALGRLHF	TRAV14-2	TRAJ18	0.001083159
CAAEPYQGGALIF	TRAV14D-1	TRAJ15	0.001048218
CAAKEGNAKLT	TRAV14-2	TRAJ42	0.001048218
CAASTMNYNQGLIF	TRAV14D-3/DV8	TRAJ23	0.001048218
CAAKGSGGKLT	TRAV14-2	TRAJ44	0.001013277
CAARNNNAPRF	TRAV14-2	TRAJ43	0.001013277
CAAILTGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000978337
CAAKQTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000978337
CAAKYNQKLI	TRAV14-2	TRAJ23	0.000978337
CAAMRGRGSALGRLHF	TRAV14D-1	TRAJ18	0.000978337
CAARMTNSAGNKLT	TRAV14-1	TRAJ17	0.000978337
CAASAGGYAQLTF	TRAV14-2	TRAJ26	0.000978337
CAASGPLGSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.000978337
CAAKNQGGSAKLIF	TRAV14-2	TRAJ57	0.000943396
CAASARNRRIF	TRAV14-3	TRAJ31	0.000943396
CAASARSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000943396
CAASEGNRRIF	TRAV14-2	TRAJ31	0.000943396

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	IMGT nomenclature		
CAAKEGRTNAYKAIF	TRAV14-1	TRAJ30	0.000639883
CAANLVNTGNYKYVF	TRAV14-1	TRAJ40	0.000639883
CAASARNRRIF	TRAV14D-1	TRAJ31	0.000639883
CAASARNTRIF	TRAV14-2	TRAJ31	0.000639883
CAASQGSNRRIF	TRAV14-1	TRAJ31	0.000639883
CVAKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.000639883
CAAKEGRTNAHKVIF	TRAV14-2	TRAJ30	0.000594177
CAAKEGRTNAYQVIF	TRAV14D-3/DV8	TRAJ30	0.000594177
CAAKEGRTNAYTVIF	TRAV14D-3/DV8	TRAJ30	0.000594177
CAAKEWRTNAYKVIF	TRAV14-2	TRAJ30	0.000594177
CAAKGRTNAYKVIF	TRAV14-2	TRAJ30	0.000594177
CAANLVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000594177
CAARALYSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.000594177
CAASARNYSSGNKLI	TRAV14-2	TRAJ32	0.000594177
CAAKAGRTNAYNVIF	TRAV14-2	TRAJ30	0.000548471
CAAKEGRTNAYKAIF	TRAV14D-3/DV8	TRAJ30	0.000548471
CAARNNSNRRIF	TRAV14-2	TRAJ31	0.000548471
CAASARNRLLF	TRAV14-2	TRAJ31	0.000548471
CAASAYQQTGSKLSF	TRAV14-1	TRAJ58	0.000548471
CAASIGSNRRIF	TRAV14-2	TRAJ31	0.000548471
CAASMRGGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000548471
CAATEGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000548471
CAAKEGRTNAYKDIF	TRAV14-2	TRAJ30	0.000502765
CAAKEGRTNAYKVTF	TRAV14-2	TRAJ30	0.000502765
CAASDPGTGSNRLTF	TRAV14-2	TRAJ28	0.000502765
CAASGSSGANTGKLT	TRAV14-2	TRAJ52	0.000502765
CAASTAGTGSKLSF	TRAV14-2	TRAJ58	0.000502765
CAASTEGAARLTF	TRAV14-2	TRAJ45	0.000502765
CAASTEGADSLTF	TRAV14-2	TRAJ45	0.000502765
CAAHDRGSALGRLHF	TRAV14-2	TRAJ18	0.000457059
CAAKAGRTNAYKVIF	TRAV14-2	TRAJ30	0.000457059
CAAKDNNAPRF	TRAV14-1	TRAJ43	0.000457059
CAAKQTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000457059
CAANDRGSALGRLPF	TRAV14D-3/DV8	TRAJ18	0.000457059
CAAQEGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000457059
CAAREGRTNAYKVIF	TRAV14-2	TRAJ30	0.000457059
CAASAQASGGNYKPTF	TRAV14-2	TRAJ6	0.000457059
CAASDDNNAPRF	TRAV14D-1	TRAJ43	0.000457059
CAASDTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000457059
CAASLGRGSALGRLHF	TRAV14-1	TRAJ18	0.000457059
CAASMRGGSALGRLHF	TRAV14-2	TRAJ18	0.000457059
CAASRTGGNNKLT	TRAV14-2	TRAJ56	0.000457059
CAASTEGADRLTF	TRAV14D-1	TRAJ45	0.000457059
CAASWQAGGNYKYVF	TRAV14-2	TRAJ40	0.000457059
CAAKEARTNAYKVIF	TRAV14-2	TRAJ30	0.000411353
CAAKEGRTNASKVIF	TRAV14-1	TRAJ30	0.000411353
CAAKGRTNAYKVIF	TRAV14-2	TRAJ30	0.000411353
CAAMATGGNNKLT	TRAV14-2	TRAJ56	0.000411353
CAANDRGLALGRLHF	TRAV14-2	TRAJ18	0.000411353
CAASAGRSALGRLHF	TRAV14-2	TRAJ18	0.000411353
CAASARNHRRIF	TRAV14D-3/DV8	TRAJ31	0.000411353
CAASKPGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000411353
CAATEGRTNAYTVIF	TRAV14-2	TRAJ30	0.000411353
CAAKAGRTNAYTVIF	TRAV14-2	TRAJ30	0.000365647
CAAKEERTNAYKVIF	TRAV14-2	TRAJ30	0.000365647

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	IMGT nomenclature		
CAASEGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000943396
CAASENSNRRIF	TRAV14-2	TRAJ31	0.000943396
CAASERNRRIFF	TRAV14D-3/DV8	TRAJ31	0.000943396
CAASGGNYNQGLIF	TRAV14D-3/DV8	TRAJ23	0.000943396
CAASRVGDNKLIW	TRAV14-1	TRAJ38	0.000943396
CAATPYQGGRALIF	TRAV14-2	TRAJ15	0.000943396
CAARASITGNTGKLI	TRAV14D-3/DV8	TRAJ37	0.000908456
CAARWNSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000908456
CAASARNNSIFF	TRAV14-2	TRAJ31	0.000908456
CAASDDNTNKVVF	TRAV14-2	TRAJ34	0.000908456
CAASRARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000908456
CAASYSNRRIF	TRAV14-1	TRAJ31	0.000908456
CAATNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000908456
CAAVTNTGYQNFYF	TRAV14-1	TRAJ49	0.000908456
CAAAPYQGGRALIF	TRAV14D-1	TRAJ15	0.000873515
CAAQDNNNAPRF	TRAV14-2	TRAJ43	0.000873515
CAARGAGTNGKLI	TRAV14-1	TRAJ37	0.000873515
CAASAGTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000873515
CAASAWSNRLTL	TRAV14D-3/DV8	TRAJ7	0.000873515
CAASDNTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.000873515
CAASKGSGGNKLT	TRAV14D-1	TRAJ56	0.000873515
CADLRGTNAYKVIF	TRAV14-1	TRAJ30	0.000873515
CAPEGAKLT	TRAV14D-3/DV8	TRAJ39	0.000873515
CAASAGDGGNNKLT	TRAV14D-1	TRAJ56	0.000838574
CAASATSNNRRIF	TRAV14-2	TRAJ31	0.000838574
CAASPSRGSALGRLHF	TRAV14D-1	TRAJ18	0.000838574
CAASRAGSGGKLT	TRAV14-2	TRAJ44	0.000838574
CAARMNNNAGAKLT	TRAV14D-3/DV8	TRAJ39	0.000803634
CAASARNYSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.000803634
CAASEVPSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000803634
CAASGNTGADRLT	TRAV14D-3/DV8	TRAJ45	0.000803634
CAASIGSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000803634
CAGGITSGGKLT	TRAV14-2	TRAJ44	0.000803634
CALSEWDNRRIF	TRAV6D-5	TRAJ31	0.000803634
CAAAPSSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000768693
CAAKTGGNNKLT	TRAV14-1	TRAJ56	0.000768693
CAARNSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000768693
CAARRRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000768693
CAASAITNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000768693
CAASEGNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000768693
CAASGGSNRRIF	TRAV14-1	TRAJ31	0.000768693
CAAKGTTSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000733753
CAARPAGSGGKLT	TRAV14-1	TRAJ44	0.000733753
CAASASSFSKLVF	TRAV14D-1	TRAJ50	0.000733753
CAASEGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000733753
CAASNGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000733753
CAVRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000733753
CAVSGSAGANTGKLT	TRAV14-2	TRAJ52	0.000733753
CAAKDNNNAPRF	TRAV14-1	TRAJ43	0.000698812
CAAKDNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000698812
CAAKGNYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000698812
CAARGTNSAGNKLT	TRAV14D-3/DV8	TRAJ17	0.000698812
CAASARNNRLFF	TRAV14-2	TRAJ31	0.000698812
CAASARTNRRIF	TRAV14-2	TRAJ31	0.000698812
CAASGADNNAPRF	TRAV14-2	TRAJ43	0.000698812

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	IMGT nomenclature		
CAAKEGRINAYKVIF	TRAV14-2	TRAJ30	0.000365647
CAAKEGRTDAYKVIF	TRAV14-2	TRAJ30	0.000365647
CAAKEGRTNAYHVIF	TRAV14-2	TRAJ30	0.000365647
CAAKEGRTNAYKLI	TRAV14-2	TRAJ30	0.000365647
CAANARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000365647
CAARGSSGSQLIF	TRAV14-2	TRAJ22	0.000365647
CAASAFNTGANTGKLT	TRAV14-2	TRAJ52	0.000365647
CAASARGNRRIF	TRAV14D-3/DV8	TRAJ31	0.000365647
CAASARNNRLFF	TRAV14D-3/DV8	TRAJ31	0.000365647
CAASARNNSIFF	TRAV14-2	TRAJ31	0.000365647
CAASDTGANTGKLT	TRAV14-2	TRAJ52	0.000365647
CAASTEGAARLT	TRAV14-1	TRAJ45	0.000365647
CAASTGSGGKLT	TRAV14-2	TRAJ44	0.000365647
CAATAGRTNAYKVIF	TRAV14-2	TRAJ30	0.000365647
CAATEGRTTAYKVIF	TRAV14-2	TRAJ30	0.000365647
CAAKDNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000319941
CAAKEGCTNAYKVIF	TRAV14-2	TRAJ30	0.000319941
CAAKEGRANAYKVIF	TRAV14-2	TRAJ30	0.000319941
CAAKEGRPNAYNVIF	TRAV14-2	TRAJ30	0.000319941
CAAKEGRTNASKVIF	TRAV14D-3/DV8	TRAJ30	0.000319941
CAAKEGRTNAYVIF	TRAV14-2	TRAJ30	0.000319941
CAAKEGRTNAYKFIF	TRAV14-2	TRAJ30	0.000319941
CAAKEGRTTAYQVIF	TRAV14-2	TRAJ30	0.000319941
CAAKEGSTNAYKVIF	TRAV14-2	TRAJ30	0.000319941
CAAMGGDNKLIW	TRAV14-2	TRAJ38	0.000319941
CAAMGGDNKLIW	TRAV14D-3/DV8	TRAJ38	0.000319941
CAAMRTNTGANTGKLT	TRAV14-2	TRAJ52	0.000319941
CAANDRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000319941
CAAQEGRPNAYKVIF	TRAV14-2	TRAJ30	0.000319941
CAARPTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000319941
CAARTEGADRLT	TRAV14-2	TRAJ45	0.000319941
CAASAGDNKLIW	TRAV14-2	TRAJ38	0.000319941
CAASALGGNTGKLI	TRAV14-2	TRAJ37	0.000319941
CAASARGNRRIF	TRAV14-2	TRAJ31	0.000319941
CAASARNHRRIF	TRAV14-2	TRAJ31	0.000319941
CAASARTNRRIF	TRAV14-2	TRAJ31	0.000319941
CAASAYQQTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000319941
CAASIGSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000319941
CAASKAGTGSQLSF	TRAV14-2	TRAJ58	0.000319941
CAASQSRGSALGRLHF	TRAV14-2	TRAJ18	0.000319941
CAASRGQGGALIF	TRAV14-2	TRAJ15	0.000319941
CAASTEVDRLT	TRAV14-2	TRAJ45	0.000319941
CAASVGSNRRIF	TRAV14-2	TRAJ31	0.000319941
CAAGANTGKLT	TRAV14-2	TRAJ52	0.000274236
CAAKDRGSALGRLHF	TRAV14-2	TRAJ18	0.000274236
CAAKEGRPNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000274236
CAAKEGRTHAYNVIF	TRAV14-2	TRAJ30	0.000274236
CAAKEGRTHAYQVIF	TRAV14-2	TRAJ30	0.000274236
CAAKEGRTHAYTVIF	TRAV14-2	TRAJ30	0.000274236
CAAKEGRTNAYKVIF	TRAV14-3	TRAJ30	0.000274236
CAAMATGGNTKLT	TRAV14D-3/DV8	TRAJ56	0.000274236
CAAPSSNTNKVVF	TRAV14-2	TRAJ34	0.000274236
CAAQEGRTNAYTVIF	TRAV14-2	TRAJ30	0.000274236
CAARARNRRIF	TRAV14-2	TRAJ31	0.000274236
CAARGSSGSQLIF	TRAV14D-3/DV8	TRAJ22	0.000274236

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	IMGT nomenclature		
CAASGPNSSGNKLF	TRAV14-2	TRAJ32	0.000698812
CAASGRWGNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000698812
CAASGSNGANTGKLF	TRAV14D-3/DV8	TRAJ52	0.000698812
CALSRKNSNRIFF	TRAV14D-1	TRAJ31	0.000698812
CAAAPSGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000663871
CAAIGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000663871
CAARPVEGAGNKLTF	TRAV14D-3/DV8	TRAJ17	0.000663871
CAASDGNYNQKLF	TRAV14D-3/DV8	TRAJ23	0.000663871
CAASSGGGNNKLF	TRAV14D-1	TRAJ56	0.000663871
CAASSSGTYQRF	TRAV14-2	TRAJ13	0.000663871
CAARATGGNNKLF	TRAV14-2	TRAJ56	0.000628931
CAARKVGSNAKLF	TRAV14-2	TRAJ42	0.000628931
CAASANTGNKYVVF	TRAV14-1	TRAJ40	0.000628931
CAASARDQKLF	TRAV14-3	TRAJ23	0.000628931
CAASELSSGSWQLIF	TRAV14-3	TRAJ22	0.000628931
CAASGGGQKLVF	TRAV14-2	TRAJ16	0.000628931
CAASQGSNNRLLF	TRAV14-2	TRAJ31	0.000628931
CAASSPNNNAPRF	TRAV14-3	TRAJ43	0.000628931
CAAAYNTNTGKLF	TRAV14D-3/DV8	TRAJ27	0.00059399
CAAGGATGGNNKLF	TRAV14D-3/DV8	TRAJ56	0.00059399
CAAKGMGYKLF	TRAV14D-3/DV8	TRAJ9	0.00059399
CAAKGVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.00059399
CAARGGTGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.00059399
CAASAGYNNNAPRF	TRAV14-2	TRAJ43	0.00059399
CAASAQGSNQLIWF	TRAV14-2	TRAJ33	0.00059399
CAASATEQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00059399
CAASRSRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.00059399
CAASRTGGNNKLF	TRAV14D-3/DV8	TRAJ56	0.00059399
CAASSNSNRIFF	TRAV14-2	TRAJ31	0.00059399
CAASSTSGGNYKPTF	TRAV14-1	TRAJ6	0.00059399
CAAVPYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00059399
CAAGNSNRIFF	TRAV14-2	TRAJ31	0.00055905
CAAKGTGNKYVVF	TRAV14-2	TRAJ40	0.00055905
CAAPSSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.00055905
CAARAPMSNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.00055905
CAARPSNTGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.00055905
CAARPTGATSALTF	TRAV14D-3/DV8	TRAJ35	0.00055905
CAASAGDAGAKLTF	TRAV14-2	TRAJ39	0.00055905
CAASAISSGGSNYKLF	TRAV14D-3/DV8	TRAJ53	0.00055905
CAASEGSSGQKLVF	TRAV14-1	TRAJ16	0.00055905
CAASESTGGNNKLF	TRAV14-2	TRAJ56	0.00055905
CAASLQGGRALIF	TRAV14-2	TRAJ15	0.00055905
CAASQSRGSALGRLHF	TRAV14-2	TRAJ18	0.00055905
CAASRANSSTYQRF	TRAV14-2	TRAJ13	0.00055905
CAASVGRGSALGRLHF	TRAV14D-1	TRAJ18	0.00055905
CAFPDTNAYKVIF	TRAV14-2	TRAJ30	0.00055905
CAGTPLNTGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.00055905
CAAGDNTGNKYVVF	TRAV14-2	TRAJ40	0.000524109
CAARARNRIFF	TRAV14-2	TRAJ31	0.000524109
CAARGSGGKLT	TRAV14-2	TRAJ44	0.000524109
CAARRGRYNQKLF	TRAV14-1	TRAJ23	0.000524109
CAARRGTNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.000524109
CAASAGGYAQLTF	TRAV14-1	TRAJ26	0.000524109
CAASAGMTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000524109
CAASAGSNKLF	TRAV14-2	TRAJ56	0.000524109

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	IMGT nomenclature		
CAARGTNSAGNKLF	TRAV14-2	TRAJ17	0.000274236
CAARMNNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000274236
CAARTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000274236
CAARTSSGQKLVF	TRAV14-2	TRAJ16	0.000274236
CAASAFRNVLYF	TRAV14D-3/DV8	TRAJ21	0.000274236
CAASAQGNRIFF	TRAV14-1	TRAJ31	0.000274236
CAASARTNRIFF	TRAV14D-3/DV8	TRAJ31	0.000274236
CAASATGGNNKLF	TRAV14-2	TRAJ56	0.000274236
CAASAVGSNNRIFF	TRAV14-2	TRAJ31	0.000274236
CAASDTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000274236
CAASEFYVNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000274236
CAASKAGTGSTLSF	TRAV14-2	TRAJ58	0.000274236
CAASRAEGADRLTF	TRAV14-2	TRAJ45	0.000274236
CAASRISGSFNKLF	TRAV14D-3/DV8	TRAJ4	0.000274236
CAASRITNAYKVIF	TRAV14-2	TRAJ30	0.000274236
CAASRLPGGTGSKLSF	TRAV14-2	TRAJ58	0.000274236
CAASRSRGSALGRLHF	TRAV14D-1	TRAJ18	0.000274236
CAASSDSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000274236
CAASTAGADRLTF	TRAV14-1	TRAJ45	0.000274236
CAASTDGADRLTF	TRAV14-2	TRAJ45	0.000274236
CAAVVTGSGGKLT	TRAV14-2	TRAJ44	0.000274236
CAAGASGSWQLIF	TRAV14-2	TRAJ22	0.00022853
CAAKEGRTNAYEVIF	TRAV14-2	TRAJ30	0.00022853
CAAKEGRTNAYKVVF	TRAV14-2	TRAJ30	0.00022853
CAAKEGRTTAYKAIF	TRAV14-2	TRAJ30	0.00022853
CAAKEGRTTAYKLVF	TRAV14-2	TRAJ30	0.00022853
CAAKVGRTNAYKVIF	TRAV14-2	TRAJ30	0.00022853
CAANARGSALGRLHF	TRAV14-1	TRAJ18	0.00022853
CAANDRGSALGRLHF	TRAV14-1	TRAJ18	0.00022853
CAANDRGSALGTLHF	TRAV14-2	TRAJ18	0.00022853
CAANDRGSASGRLHF	TRAV14-2	TRAJ18	0.00022853
CAAPYTEGADRLTF	TRAV14-2	TRAJ45	0.00022853
CAAQEGRTNAYKAIF	TRAV14-2	TRAJ30	0.00022853
CAAQEGRTNAYNVIF	TRAV14-2	TRAJ30	0.00022853
CAAQEGRTTAYKVIF	TRAV14-2	TRAJ30	0.00022853
CAARARNRIFF	TRAV14D-3/DV8	TRAJ31	0.00022853
CAASAARGSALGRLHF	TRAV14D-1	TRAJ18	0.00022853
CAASARNRIFF	TRAV14-3	TRAJ31	0.00022853
CAASARSLGKLF	TRAV14-2	TRAJ27	0.00022853
CAASARSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00022853
CAASAVGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00022853
CAASDGPGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.00022853
CAASERTNNAGAKLTF	TRAV14-2	TRAJ39	0.00022853
CAASGGGNNAGAKLTF	TRAV14-2	TRAJ39	0.00022853
CAASGGGNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00022853
CAASGGPNAYKVIF	TRAV14-2	TRAJ30	0.00022853
CAASGGSNNRIFF	TRAV14-1	TRAJ31	0.00022853
CAASGSAGANTGKLF	TRAV14-1	TRAJ52	0.00022853
CAASNGSGGKLT	TRAV14D-1	TRAJ44	0.00022853
CAASNGSGGTLT	TRAV14-2	TRAJ44	0.00022853
CAASPPRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.00022853
CAASQGSNNRLLF	TRAV14-2	TRAJ31	0.00022853
CAASTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.00022853
CAASVGYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00022853
CAATEGRTNAYNVIF	TRAV14-2	TRAJ30	0.00022853

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	IMGT nomenclature		
CAASDDNRIFF	TRAV14D-3/DV8	TRAJ31	0.000524109
CAASEGFASALTF	TRAV14D-3/DV8	TRAJ35	0.000524109
CAASGDNNNAPRF	TRAV14-2	TRAJ43	0.000524109
CAASYSNNRIFF	TRAV14D-1	TRAJ31	0.000524109
CAAEKSRGSALGRLHF	TRAV14D-1	TRAJ18	0.000489168
CAAKSTGYQNFYF	TRAV14-1	TRAJ49	0.000489168
CAAKVGNEKITF	TRAV14-3	TRAJ48	0.000489168
CAALTSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000489168
CAARGFGITEGADRLTF	TRAV14D-1	TRAJ45	0.000489168
CAARGSAGANTGKLTFF	TRAV14-2	TRAJ52	0.000489168
CAARRENNQKGLIF	TRAV14-3	TRAJ23	0.000489168
CAARTTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000489168
CAASDNTNTGKLTFF	TRAV14-2	TRAJ27	0.000489168
CAASEGADRLTF	TRAV14-2	TRAJ45	0.000489168
CAASGPGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000489168
CAASKDGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000489168
CAASVLNYNQKGLIF	TRAV14D-3/DV8	TRAJ23	0.000489168
CAAGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.000454228
CAAKRNNNAPRF	TRAV14-2	TRAJ43	0.000454228
CAAPPTFNTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000454228
CAARAPMSNYNVLYF	TRAV14-3	TRAJ21	0.000454228
CAARGNYNQKGLIF	TRAV14-2	TRAJ23	0.000454228
CAARGNYNQKGLIF	TRAV14D-3/DV8	TRAJ23	0.000454228
CAARNSITGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.000454228
CAASALGGNTGKLIFF	TRAV14-2	TRAJ37	0.000454228
CAASATRGTNAYKVIF	TRAV14-1	TRAJ30	0.000454228
CAASAVDYNQKGLIF	TRAV14-2	TRAJ23	0.000454228
CAASDDTNAYKVIF	TRAV14-1	TRAJ30	0.000454228
CAASDTGANTGKLTFF	TRAV14-1	TRAJ52	0.000454228
CAASGSAGANTGTLTF	TRAV14-2	TRAJ52	0.000454228
CAASRITNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000454228
CAASVSTGGYKVVFF	TRAV14-1	TRAJ12	0.000454228
CAATYNQKGLIF	TRAV14-2	TRAJ23	0.000454228
CAEGIGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000454228
CAAMATGGNNKLTFF	TRAV14-2	TRAJ56	0.000419287
CAARASITGNTGKLIFF	TRAV14-1	TRAJ37	0.000419287
CAARPVNNNAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.000419287
CAARVRSNNRIFF	TRAV14D-1	TRAJ31	0.000419287
CAARWTNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.000419287
CAASAEGSGSNYKLTFF	TRAV14-3	TRAJ53	0.000419287
CAASARNHRIFF	TRAV14-2	TRAJ31	0.000419287
CAASDDNRIFF	TRAV14-2	TRAJ31	0.000419287
CAASETGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.000419287
CAASGGGNAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.000419287
CAASGGSNNRIFF	TRAV14D-1	TRAJ31	0.000419287
CAASGSAGANTGKLTFF	TRAV14-3	TRAJ52	0.000419287
CAASIRNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000419287
CAASLGRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000419287
CAASQSRGSALGRLHF	TRAV14-1	TRAJ18	0.000419287
CAASWEPGGNNKLTFF	TRAV14-2	TRAJ56	0.000419287
CAAIASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000384347
CAAKAGNTGKLIFF	TRAV14-1	TRAJ37	0.000384347
CAANPAGNTGKLIFF	TRAV14-2	TRAJ37	0.000384347
CAAPSSNTNKVVFF	TRAV14-1	TRAJ34	0.000384347
CAARAPITGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.000384347

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	IMGT nomenclature		
CAATLVNTGNYKYVFF	TRAV14-2	TRAJ40	0.00022853
CARRTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.00022853
CAVPNTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.00022853
CAADTGNKYVFF	TRAV14D-3/DV8	TRAJ40	0.000182824
CAAEPYQGGRALIFF	TRAV14D-3/DV8	TRAJ15	0.000182824
CAAFAGSGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.000182824
CAAGASSGQKLVFF	TRAV14D-3/DV8	TRAJ16	0.000182824
CAAKAGRTNAYQVIF	TRAV14-2	TRAJ30	0.000182824
CAAKAGRTNAYTVIF	TRAV14D-3/DV8	TRAJ30	0.000182824
CAAKAGRTTAYKVIF	TRAV14-1	TRAJ30	0.000182824
CAAKDPGGSNAKLTFF	TRAV14D-1	TRAJ42	0.000182824
CAAKEGNNAPRF	TRAV14-2	TRAJ43	0.000182824
CAAKEGRPNAYKVIF	TRAV14-1	TRAJ30	0.000182824
CAAKEGRTNAYKVFF	TRAV14-2	TRAJ30	0.000182824
CAAKEGRTNAYKLVFF	TRAV14-1	TRAJ30	0.000182824
CAAKEGRTTASKVIF	TRAV14-2	TRAJ30	0.000182824
CAAKEGRTTAYKVIF	TRAV14D-1	TRAJ30	0.000182824
CAAKEGRTYAYKVIF	TRAV14-2	TRAJ30	0.000182824
CAAKERRTAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000182824
CAAKNQGGSAKLIFF	TRAV14-2	TRAJ57	0.000182824
CAAMATGGNHKLTFF	TRAV14D-3/DV8	TRAJ56	0.000182824
CAAMATGGNNKLPFF	TRAV14D-3/DV8	TRAJ56	0.000182824
CAAMATGGNNKLTFF	TRAV14-1	TRAJ56	0.000182824
CAAMATGGTNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000182824
CAAMEGRTNAYKVIF	TRAV14-2	TRAJ30	0.000182824
CAAMGGDNSKLIW	TRAV14D-1	TRAJ38	0.000182824
CAANDRGSALARLHF	TRAV14-2	TRAJ18	0.000182824
CAANDRGSALGMLHF	TRAV14D-3/DV8	TRAJ18	0.000182824
CAANDRGSALGRPHF	TRAV14-2	TRAJ18	0.000182824
CAANDRGSALGSLHF	TRAV14-2	TRAJ18	0.000182824
CAANEGRTNAYKVIF	TRAV14-2	TRAJ30	0.000182824
CAAQEGRTTHAYKVIF	TRAV14-2	TRAJ30	0.000182824
CAAQEGRTNAYQVIF	TRAV14-2	TRAJ30	0.000182824
CAARALYSSGNKLIFF	TRAV14-2	TRAJ32	0.000182824
CAARAPITGNTGKLIFF	TRAV14-2	TRAJ37	0.000182824
CAARGTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000182824
CAARKAGSGGKLTLL	TRAV14-2	TRAJ44	0.000182824
CAARKAGTGSKLSF	TRAV14-2	TRAJ58	0.000182824
CAARRAGSGGKLTLL	TRAV14-2	TRAJ44	0.000182824
CAARRWNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000182824
CAARTTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000182824
CAASAARGSALGRLHF	TRAV14-1	TRAJ18	0.000182824
CAASAGRGSALGRLHF	TRAV14-1	TRAJ18	0.000182824
CAASAGYQNFYF	TRAV14-2	TRAJ49	0.000182824
CAASAITNAYKVIF	TRAV14D-1	TRAJ30	0.000182824
CAASAVGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000182824
CAASDNEKITFF	TRAV14D-3/DV8	TRAJ48	0.000182824
CAASDGGQGTGSKLSF	TRAV14-2	TRAJ58	0.000182824
CAASEARGSALGRLHF	TRAV14D-1	TRAJ18	0.000182824
CAASEGNEKITFF	TRAV14D-3/DV8	TRAJ48	0.000182824
CAASERGNRIFF	TRAV14-2	TRAJ31	0.000182824
CAASEVSSGSWQLIFF	TRAV14-2	TRAJ22	0.000182824
CAASEVSSGSWQLIFF	TRAV14-3	TRAJ22	0.000182824
CAASGGASSFSKLVFF	TRAV14D-3/DV8	TRAJ50	0.000182824
CAASGGTNKVVFF	TRAV14-1	TRAJ34	0.000182824

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	IMGT nomenclature		
CAARGNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000384347
CAARIGGSNAKLTF	TRAV14D-3/DV8	TRAJ42	0.000384347
CAASANGGGNTGKLIF	TRAV14-2	TRAJ37	0.000384347
CAASGSNGANTGKLTF	TRAV14-1	TRAJ52	0.000384347
CAASIGSNRIFF	TRAV14-1	TRAJ31	0.000384347
CAASLSGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000384347
CAASTEGADRLTF	TRAV14-1	TRAJ45	0.000384347
CAASTGRGSALGRLHF	TRAV14-2	TRAJ18	0.000384347
CAASWNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000384347
CAATITSSGSWQLIF	TRAV14-2	TRAJ22	0.000384347
CAGGSNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000384347
CAPYNTNTGKLTF	TRAV14-2	TRAJ27	0.000384347
CAAENTNKVVF	TRAV14D-1	TRAJ34	0.000349406
CAALSTYGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.000349406
CAARAATGANTGKLTF	TRAV14D-1	TRAJ52	0.000349406
CAARMNNNAGAKLTF	TRAV14-2	TRAJ39	0.000349406
CAARNNYAQGLTF	TRAV14-2	TRAJ26	0.000349406
CAARPGGTGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.000349406
CAASARDQGKLIF	TRAV14D-3/DV8	TRAJ23	0.000349406
CAASARHNRIF	TRAV14-2	TRAJ31	0.000349406
CAASAVGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000349406
CAASDDSAGNKLTF	TRAV14-3	TRAJ17	0.000349406
CAASEGDTGNKYVVF	TRAV14-1	TRAJ40	0.000349406
CAASGSAGANPGKLTF	TRAV14-2	TRAJ52	0.000349406
CAASNRPQGTGSKLSF	TRAV14-1	TRAJ58	0.000349406
CAASPPNNNNAPRF	TRAV14-3	TRAJ43	0.000349406
CAASRGNNSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000349406
CAASVLGSNYKLTF	TRAV14D-1	TRAJ53	0.000349406
CAASVYNNRIFF	TRAV14-1	TRAJ31	0.000349406
CAASWNNYAGLTF	TRAV14-1	TRAJ26	0.000349406
CAASYFLPGTGSNRLTF	TRAV14-1	TRAJ28	0.000349406
CALSRKNSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000349406
CASRILYGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.000349406
CAAIINTGANTGKLTF	TRAV14-1	TRAJ52	0.000314465
CAAIIPPQGGSAKLIF	TRAV14D-3/DV8	TRAJ57	0.000314465
CAAKEYSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000314465
CAAKWDNTNKVVF	TRAV14-2	TRAJ34	0.000314465
CAARDNNNNAPRF	TRAV14-3	TRAJ43	0.000314465
CAARGTNTGKLTF	TRAV14-2	TRAJ27	0.000314465
CAASAGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000314465
CAASAPRGSALGRLHF	TRAV14D-1	TRAJ18	0.000314465
CAASARNTRIFF	TRAV14-2	TRAJ31	0.000314465
CAASARSNNRIFF	TRAV14-1	TRAJ31	0.000314465
CAASEGASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000314465
CAASEQGGSACLIF	TRAV14-3	TRAJ57	0.000314465
CAASRARGSALGRLHF	TRAV14-2	TRAJ18	0.000314465
CAASRSRGSALGRLHF	TRAV14-2	TRAJ18	0.000314465
CAASVAGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.000314465
CAASWGNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000314465
CAAWSNNRIFF	TRAV14D-1	TRAJ31	0.000314465
CAPGVDSNYQLIW	TRAV14D-1	TRAJ33	0.000314465
CAVRNSNNRIFF	TRAV14-1	TRAJ31	0.000314465
CAAAPSSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000279525
CAALDTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000279525
CAAMGYGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.000279525

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	IMGT nomenclature		
CAASGNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000182824
CAASGRDNQGLIF	TRAV14-2	TRAJ23	0.000182824
CAASGSGSNTNKVVF	TRAV14-2	TRAJ34	0.000182824
CAASKAGSGGKLT	TRAV14-2	TRAJ44	0.000182824
CAASKAGTGSQSLF	TRAV14D-3/DV8	TRAJ58	0.000182824
CAASKAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000182824
CAASNGSGGQTL	TRAV14-2	TRAJ44	0.000182824
CAASPPRGSALGRLHF	TRAV14-2	TRAJ18	0.000182824
CAASQARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000182824
CAASQGSNNRIFF	TRAV14D-1	TRAJ31	0.000182824
CAASQGSNTRIFF	TRAV14-2	TRAJ31	0.000182824
CAASRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000182824
CAASRARGSALGRLHF	TRAV14-2	TRAJ18	0.000182824
CAASRITNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000182824
CAASTEGADRLPF	TRAV14-2	TRAJ45	0.000182824
CAASWQAGGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.000182824
CAATDRGSALGRLHF	TRAV14-1	TRAJ18	0.000182824
CAAVATGGNNKLTF	TRAV14-2	TRAJ56	0.000182824
CAAVATGGNNQLTF	TRAV14D-3/DV8	TRAJ56	0.000182824
CAAVPYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000182824
CAAWSNNSIFF	TRAV14-2	TRAJ31	0.000182824
CAAYTEGADRLTF	TRAV14-2	TRAJ45	0.000182824
CAEKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.000182824
CAGFTGSGGKLT	TRAV14-2	TRAJ44	0.000182824
CAPKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.000182824
CAPYNTNTGKLTF	TRAV14-2	TRAJ27	0.000182824
CAVKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.000182824
CSAKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.000182824
CAAASGGSNYKLTF	TRAV14-2	TRAJ53	0.000137118
CAADTNAYKVIF	TRAV14-2	TRAJ30	0.000137118
CAAEGRTNAYKVIF	TRAV14-2	TRAJ30	0.000137118
CAAGASSGQKLVF	TRAV14-2	TRAJ16	0.000137118
CAAGDNTGNKYVVF	TRAV14-2	TRAJ40	0.000137118
CAAGRNTGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.000137118
CAAHDRGSALGRLHF	TRAV14-1	TRAJ18	0.000137118
CAAKAGRPNAYKVIF	TRAV14-2	TRAJ30	0.000137118
CAAKAGRTNAYNVLF	TRAV14-2	TRAJ30	0.000137118
CAAKDGRTHAYKVIF	TRAV14-2	TRAJ30	0.000137118
CAAKDGRTNAYKVIF	TRAV14-1	TRAJ30	0.000137118
CAAKDPGGSNAKLTF	TRAV14D-3/DV8	TRAJ42	0.000137118
CAAKEGLTNAYKVIF	TRAV14-2	TRAJ30	0.000137118
CAAKEGNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000137118
CAAKEGRINAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000137118
CAAKEGRKNAYKVIF	TRAV14-2	TRAJ30	0.000137118
CAAKEGRPNAYTVIF	TRAV14-2	TRAJ30	0.000137118
CAAKEGRPTAYKVIF	TRAV14-2	TRAJ30	0.000137118
CAAKEGRSNAYKVIF	TRAV14-2	TRAJ30	0.000137118
CAAKEGRTNACKVIF	TRAV14-2	TRAJ30	0.000137118
CAAKEGRTNASNVIF	TRAV14-2	TRAJ30	0.000137118
CAAKEGRTNAYHVIF	TRAV14D-3/DV8	TRAJ30	0.000137118
CAAKEGRTNAYKLVF	TRAV14D-3/DV8	TRAJ30	0.000137118
CAAKEGRTNAYQAI	TRAV14-2	TRAJ30	0.000137118
CAAKEGRTNAYRVIF	TRAV14-2	TRAJ30	0.000137118
CAAKEGRTNTYKVIF	TRAV14-2	TRAJ30	0.000137118
CAAKEVRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000137118

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	IMGT nomenclature		
CAAMRGRGSALGRLHF	TRAV14-2	TRAJ18	0.000279525
CAANDRGSALGRLHF	TRAV14-2	TRAJ18	0.000279525
CAARGTNSAGNKLTF	TRAV14-1	TRAJ17	0.000279525
CAARNSNNRIFF	TRAV14-1	TRAJ31	0.000279525
CAARPTGNTRKLIF	TRAV14-1	TRAJ37	0.000279525
CAARVTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000279525
CAARWNSNNRIFF	TRAV14-1	TRAJ31	0.000279525
CAASAGQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000279525
CAASARGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000279525
CAASARSNNRIFF	TRAV14D-1	TRAJ31	0.000279525
CAASARTLSSSSFSKLVF	TRAV14-2	TRAJ50	0.000279525
CAASEVSSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.000279525
CAASGDTNTGKLTFF	TRAV14-2	TRAJ27	0.000279525
CAASGGGNNAGAKLTFF	TRAV14-2	TRAJ39	0.000279525
CAASGPAGANTGKLTFF	TRAV14-2	TRAJ52	0.000279525
CAASMTSSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.000279525
CAASNGSGGKLTLL	TRAV14-1	TRAJ44	0.000279525
CAASPPRGSALGRLHF	TRAV14D-1	TRAJ18	0.000279525
CAASRARGSALGRLHF	TRAV14-1	TRAJ18	0.000279525
CAASRQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000279525
CAASTPNTNKVVF	TRAV14D-1	TRAJ34	0.000279525
CAAVVTGSGGKLTLL	TRAV14-2	TRAJ44	0.000279525
CAAWSNHRIF	TRAV14-1	TRAJ31	0.000279525
CAAKGAGANTGKLTFF	TRAV14-2	TRAJ52	0.000244584
CAAMATGGNNKLTFF	TRAV14D-1	TRAJ56	0.000244584
CAAQPNYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000244584
CAARDYSNNRLL	TRAV14D-3/DV8	TRAJ7	0.000244584
CAARWNSNNRIFF	TRAV14D-1	TRAJ31	0.000244584
CAARWTNYNVLYF	TRAV14-1	TRAJ21	0.000244584
CAASAGGYAQLTFF	TRAV14D-1	TRAJ26	0.000244584
CAASARGNNRIFF	TRAV14-1	TRAJ31	0.000244584
CAASARNRIFF	TRAV14D-2	TRAJ31	0.000244584
CAASASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000244584
CAASDPTGGNNKLTFF	TRAV14-3	TRAJ56	0.000244584
CAASGGGNNAGAKLTFF	TRAV14-1	TRAJ39	0.000244584
CAASGSAGANAGKLTFF	TRAV14-2	TRAJ52	0.000244584
CAASGSAGATTGKLTFF	TRAV14-2	TRAJ52	0.000244584
CAASGSSGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000244584
CAASLMGYSNYQLIW	TRAV14-2	TRAJ33	0.000244584
CAASPAYQGGRALIF	TRAV14-1	TRAJ15	0.000244584
CAASQGNRIFF	TRAV14D-3/DV8	TRAJ31	0.000244584
CAASQGSTNRIFF	TRAV14-2	TRAJ31	0.000244584
CAASTMNYNQKLVF	TRAV14-2	TRAJ23	0.000244584
CAASVYNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000244584
CAASYSNNSIFF	TRAV14-2	TRAJ31	0.000244584
CAAWSTNRIFF	TRAV14-1	TRAJ31	0.000244584
CAAYPPGNTGKLVF	TRAV14-3	TRAJ37	0.000244584
CAAYTEGADRLTFF	TRAV14-2	TRAJ45	0.000244584
CAGFTGSGGKLTLL	TRAV14-1	TRAJ44	0.000244584
CAAAPYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000209644
CAAIAGGYAQLTFF	TRAV14D-3/DV8	TRAJ26	0.000209644
CAAIARNRIFF	TRAV14-2	TRAJ31	0.000209644
CAAIINTGANTGKLTFF	TRAV14-2	TRAJ52	0.000209644
CAAMGGDNSKLIW	TRAV14-2	TRAJ38	0.000209644
CAARARNRIFF	TRAV14D-3/DV8	TRAJ31	0.000209644

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	IMGT nomenclature		
CAAKGGSGGKLTLL	TRAV14-2	TRAJ44	0.000137118
CAAKWDNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000137118
CAALATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000137118
CAAMGYGSSGNKLVF	TRAV14-2	TRAJ32	0.000137118
CAAMRTNTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000137118
CAANDKGSALGRLHF	TRAV14-2	TRAJ18	0.000137118
CAANDRGSALGMLHF	TRAV14-2	TRAJ18	0.000137118
CAANDRGSALGRLHF	TRAV14D-2	TRAJ18	0.000137118
CAANDRGSALGRLPF	TRAV14-1	TRAJ18	0.000137118
CAANDRGSALGWLHF	TRAV14-2	TRAJ18	0.000137118
CAANDRGSALVRLHF	TRAV14-2	TRAJ18	0.000137118
CAANDRGSALWRLHF	TRAV14-2	TRAJ18	0.000137118
CAANDSGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000137118
CAANGRGSALGRLHF	TRAV14-2	TRAJ18	0.000137118
CAANNRGSALGRLHF	TRAV14-2	TRAJ18	0.000137118
CAAPSSFSKLVF	TRAV14-1	TRAJ50	0.000137118
CAARAPMSNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.000137118
CAARDTGGSGKLTLL	TRAV14-2	TRAJ44	0.000137118
CAAREGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000137118
CAARGASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000137118
CAARGGNEKITF	TRAV14-2	TRAJ48	0.000137118
CAARGNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000137118
CAARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000137118
CAARMNNNAGAKLTFF	TRAV14-2	TRAJ39	0.000137118
CAARPTGGNNKLTFF	TRAV14-1	TRAJ56	0.000137118
CAARWNSNNRIFF	TRAV14D-1	TRAJ31	0.000137118
CAASACNNRIFF	TRAV14-2	TRAJ31	0.000137118
CAASFNTGANTGKLTFF	TRAV14-1	TRAJ52	0.000137118
CAASFNTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000137118
CAASAGDGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000137118
CAASAGGTNAYKVIF	TRAV14-2	TRAJ30	0.000137118
CAASAQGNRLFF	TRAV14-2	TRAJ31	0.000137118
CAASARDGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000137118
CAASARDNRIFF	TRAV14-2	TRAJ31	0.000137118
CAASARGNNRIFF	TRAV14-1	TRAJ31	0.000137118
CAASDSNNRIFF	TRAV14-2	TRAJ31	0.000137118
CAASDSNYQLIW	TRAV14-2	TRAJ33	0.000137118
CAASDSVNTGNYKYVF	TRAV14-2	TRAJ40	0.000137118
CAASEARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000137118
CAASEGRTNAYKVIF	TRAV14-2	TRAJ30	0.000137118
CAASEGSSAQKLVF	TRAV14-2	TRAJ16	0.000137118
CAASEGSSGQQLVF	TRAV14-2	TRAJ16	0.000137118
CAASERGNRIFF	TRAV14D-3/DV8	TRAJ31	0.000137118
CAASERTNNAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.000137118
CAASEVSSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.000137118
CAASGNTNKVVF	TRAV14D-1	TRAJ34	0.000137118
CAASGNNNAGAKLTFF	TRAV14-2	TRAJ39	0.000137118
CAASGSGTEGADRLTFF	TRAV14-2	TRAJ45	0.000137118
CAASGSSGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000137118
CAASHGSGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.000137118
CAASKAGTGSKLSF	TRAV14D-1	TRAJ58	0.000137118
CAASKAGTGSTLSF	TRAV14D-3/DV8	TRAJ58	0.000137118
CAASLGRGSALGRLHF	TRAV14D-1	TRAJ18	0.000137118
CAASLTGSGGKLTLL	TRAV14-1	TRAJ44	0.000137118
CAASLTGSGGQLTLL	TRAV14D-3/DV8	TRAJ44	0.000137118

Triple High Tregs Replicate 1

	IMGT nomenclature		
CAARASITGNTGQLIF	TRAV14-2	TRAJ37	0.000209644
CAAREGRTNAYKVIF	TRAV14D-1	TRAJ30	0.000209644
CAARGNYNQKPIF	TRAV14-1	TRAJ23	0.000209644
CAARMNNNAGAKLTF	TRAV14-1	TRAJ39	0.000209644
CAARPLNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000209644
CAARPNEGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000209644
CAARPTGGNNKLTf	TRAV14-2	TRAJ56	0.000209644
CAARQGSNNRIFF	TRAV14-2	TRAJ31	0.000209644
CAARRENNQGKLI	TRAV14D-3/DV8	TRAJ23	0.000209644
CAARRNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000209644
CAARTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000209644
CAASAGGYAPGLTF	TRAV14D-3/DV8	TRAJ26	0.000209644
CAASAGGYAQLPF	TRAV14D-3/DV8	TRAJ26	0.000209644
CAASAGNNNAPRF	TRAV14-3	TRAJ43	0.000209644
CAASALFSGGSNAKLTf	TRAV14-3	TRAJ42	0.000209644
CAASARNNRILF	TRAV14-2	TRAJ31	0.000209644
CAASARNNRFFF	TRAV14-2	TRAJ31	0.000209644
CAASASSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000209644
CAASAWSNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.000209644
CAASDDTNAYKVIF	TRAV14-2	TRAJ30	0.000209644
CAASEGLSGSFNKLTf	TRAV14-1	TRAJ4	0.000209644
CAASEGNYAQLTF	TRAV14-1	TRAJ26	0.000209644
CAASEGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000209644
CAASGGSNNRLLF	TRAV14-2	TRAJ31	0.000209644
CAASKGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000209644
CAASQGGNNRIFF	TRAV14-2	TRAJ31	0.000209644
CAASRGGNYKPTF	TRAV14-2	TRAJ6	0.000209644
CAASTGRGSALGRLHF	TRAV14D-1	TRAJ18	0.000209644
CAASVGRGSALGRLPF	TRAV14-1	TRAJ18	0.000209644
CAASVSTGGYKVVf	TRAV14-2	TRAJ12	0.000209644
CAASWGGNTGKLI	TRAV14-2	TRAJ37	0.000209644
CAASYSNNRIFF	TRAV14-3	TRAJ31	0.000209644
CAAVPSSNTNKVVf	TRAV14D-1	TRAJ34	0.000209644
CADLRGTNAYKVIF	TRAV14-2	TRAJ30	0.000209644
CAGHPPNTNKVVf	TRAV14D-1	TRAJ34	0.000209644
CAPEGAKLTF	TRAV14-1	TRAJ39	0.000209644
CAPYNTNTGKLTf	TRAV14D-3/DV8	TRAJ27	0.000209644
CLNTGNYKYVf	TRAV14-2	TRAJ40	0.000209644
CAAEPYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000174703
CAAGASGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.000174703
CAAGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000174703
CAAGTGSNRLTF	TRAV14-2	TRAJ28	0.000174703
CAAKWDNTNKVVf	TRAV14D-3/DV8	TRAJ34	0.000174703
CAAKYNQKLI	TRAV14D-3/DV8	TRAJ23	0.000174703
CAARASITGNTGLIF	TRAV14-2	TRAJ37	0.000174703
CAARFMNNQGKLI	TRAV14-3	TRAJ23	0.000174703
CAARGRGYNQKLI	TRAV14-2	TRAJ23	0.000174703
CAARMTNSAGNKLTf	TRAV14-2	TRAJ17	0.000174703
CAARTSSGQKLVf	TRAV14-2	TRAJ16	0.000174703
CAARVSITGNTGKLI	TRAV14-2	TRAJ37	0.000174703
CAASAQDGSQKLT	TRAV14-1	TRAJ44	0.000174703
CAASARNNRLLF	TRAV14D-3/DV8	TRAJ31	0.000174703
CAASARNTRIFF	TRAV14D-3/DV8	TRAJ31	0.000174703
CAASATGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.000174703
CAASAWSNYNVLYF	TRAV14-1	TRAJ21	0.000174703

Triple High Tregs Replicate 2

	IMGT nomenclature		
CAASNGSGGKLPL	TRAV14-1	TRAJ44	0.000137118
CAASNGSGGKLPL	TRAV14D-3/DV8	TRAJ44	0.000137118
CAASNTGNYKYVf	TRAV14D-3/DV8	TRAJ40	0.000137118
CAASQGRNNRIFF	TRAV14-2	TRAJ31	0.000137118
CAASQGSNNRLLF	TRAV14D-3/DV8	TRAJ31	0.000137118
CAASQSRGSALGRLHF	TRAV14D-1	TRAJ18	0.000137118
CAASRANSAGNKLTf	TRAV14-2	TRAJ17	0.000137118
CAASRARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000137118
CAASRQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000137118
CAASRSRGSALGRLHF	TRAV14-1	TRAJ18	0.000137118
CAASSDSNNRIFF	TRAV14-2	TRAJ31	0.000137118
CAASSSGYQRF	TRAV14-2	TRAJ13	0.000137118
CAASSTGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.000137118
CAASTAGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000137118
CAASTDGADRLTF	TRAV14-1	TRAJ45	0.000137118
CAASVGSNAKLTf	TRAV14D-3/DV8	TRAJ42	0.000137118
CAASVGSNNRIFF	TRAV14-1	TRAJ31	0.000137118
CAASVNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.000137118
CAASVRQKLI	TRAV14-2	TRAJ23	0.000137118
CAASWGNAPRF	TRAV14D-3/DV8	TRAJ43	0.000137118
CAATDRGSALGRLHF	TRAV14-2	TRAJ18	0.000137118
CAATDRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000137118
CAATEGRPNAYKVIF	TRAV14-2	TRAJ30	0.000137118
CAATEGRTNAYNVIF	TRAV14D-3/DV8	TRAJ30	0.000137118
CAATEGRTNAYTVIF	TRAV14D-3/DV8	TRAJ30	0.000137118
CAAVATGGNHKLTf	TRAV14D-3/DV8	TRAJ56	0.000137118
CAAVPYQGGRALIF	TRAV14-2	TRAJ15	0.000137118
CAAWRNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000137118
CAENNYAQLTF	TRAV14-2	TRAJ26	0.000137118
CAGANTEGADRLTF	TRAV14-2	TRAJ45	0.000137118
CAAASGGSNYKLTf	TRAV14D-3/DV8	TRAJ53	9.14119E-05
CAACYNQKLI	TRAV14-2	TRAJ23	9.14119E-05
CAAERSRGSALGRLHF	TRAV14-1	TRAJ18	9.14119E-05
CAAERSRGSALGRLHF	TRAV14-2	TRAJ18	9.14119E-05
CAAFFTHAYKVIF	TRAV14-2	TRAJ30	9.14119E-05
CAAFFTHAYKVIF	TRAV14D-3/DV8	TRAJ30	9.14119E-05
CAAFTHAYKLT	TRAV14-2	TRAJ44	9.14119E-05
CAAGGNEKITF	TRAV14-2	TRAJ48	9.14119E-05
CAAHRAGGSNAKLTf	TRAV14D-3/DV8	TRAJ42	9.14119E-05
CAAHTGNYKYVf	TRAV14-2	TRAJ40	9.14119E-05
CAAHTGNYKYVf	TRAV14D-3/DV8	TRAJ40	9.14119E-05
CAAINTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	9.14119E-05
CAAKAGRPNAYTVIF	TRAV14-2	TRAJ30	9.14119E-05
CAAKAGRTHAYKVIF	TRAV14-1	TRAJ30	9.14119E-05
CAAKAGRTNAYNVIF	TRAV14-1	TRAJ30	9.14119E-05
CAAKAGRTNAYNVIF	TRAV14D-3/DV8	TRAJ30	9.14119E-05
CAAKAGRTHAYKVIF	TRAV14D-3/DV8	TRAJ30	9.14119E-05
CAAKEGADRLTF	TRAV14-2	TRAJ45	9.14119E-05
CAAKEGHTNAYKVIF	TRAV14-2	TRAJ30	9.14119E-05
CAAKEGLTNAKLVIF	TRAV14D-3/DV8	TRAJ30	9.14119E-05
CAAKEGRPHAYKVIF	TRAV14-2	TRAJ30	9.14119E-05
CAAKEGRTHAYKVIF	TRAV14-1	TRAJ30	9.14119E-05
CAAKEGRTHAYKLVf	TRAV14-2	TRAJ30	9.14119E-05
CAAKEGRTHAYNVIF	TRAV14-1	TRAJ30	9.14119E-05
CAAKEGRTHAYQVIF	TRAV14D-3/DV8	TRAJ30	9.14119E-05

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	IMGT nomenclature		
CAASDGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000174703
CAASDPFNYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000174703
CAASDTGANTGQLTF	TRAV14D-3/DV8	TRAJ52	0.000174703
CAASEGLSGSFNKLTF	TRAV14-2	TRAJ4	0.000174703
CAASGPNGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.000174703
CAASGSAGAHTGKLTF	TRAV14-2	TRAJ52	0.000174703
CAASGSAGANTGKLPF	TRAV14-2	TRAJ52	0.000174703

Triple High Tregs Replicate 2

	IMGT nomenclature		
CAAKEGRTKAYKVIF	TRAV14-2	TRAJ30	9.14119E-05
CAAKEGRTNAFKVIF	TRAV14-2	TRAJ30	9.14119E-05
CAAKEGRTNANKVIF	TRAV14-2	TRAJ30	9.14119E-05
CAAKEGRTNAYKDIF	TRAV14D-3/DV8	TRAJ30	9.14119E-05
CAAKEGRTNAYKFIF	TRAV14-1	TRAJ30	9.14119E-05
CAAKEGRTNAYKIIF	TRAV14-2	TRAJ30	9.14119E-05
CAAKEGRTNAYKVIF	TRAV14D-2	TRAJ30	9.14119E-05

Triple High Tregs Replicate 3

CDR3	IMGT nomenclature		Frequency
	V	J	
CAAVATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.24450849
CAAMATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.200676563
CAASARNNRIFf	TRAV14D-3/DV8	TRAJ31	0.058286783
CAASATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.032815525
CAASARNNRIFf	TRAV14-2	TRAJ31	0.025148555
CAASNGSGGKLTl	TRAV14D-3/DV8	TRAJ44	0.020118844
CAAMGGDNskLIW	TRAV14D-3/DV8	TRAJ38	0.016135135
CAAVATGGNNKLTf	TRAV14-2	TRAJ56	0.012963746
CAAMATGGNNKLTf	TRAV14-2	TRAJ56	0.011928872
CAAVATGGTKLTf	TRAV14D-3/DV8	TRAJ56	0.010760466
CAAVATGGNNKLTf	TRAV14D-1	TRAJ56	0.009937017
CAASNGSGGKLTl	TRAV14-2	TRAJ44	0.008891016
CAAVATGGNNQLTf	TRAV14D-3/DV8	TRAJ56	0.008635079
CAAVATGGTKLTf	TRAV14D-3/DV8	TRAJ56	0.008579441
CAAMATGGNNKLTf	TRAV14D-1	TRAJ56	0.00853493
CAAMATGGTKLTf	TRAV14D-3/DV8	TRAJ56	0.008356887
CAAVATGGHKLTf	TRAV14D-3/DV8	TRAJ56	0.007678099
CAAMGGDNskLIW	TRAV14-2	TRAJ38	0.007010438
CAAVATGGNNKLPf	TRAV14D-3/DV8	TRAJ56	0.006799012
CAAMATGGTKLTf	TRAV14D-3/DV8	TRAJ56	0.00670999
CAAVATGGNHKLTf	TRAV14D-3/DV8	TRAJ56	0.006365032
CAAMATGGNNQLTf	TRAV14D-3/DV8	TRAJ56	0.006075713
CAAMATGGNNKLPf	TRAV14D-3/DV8	TRAJ56	0.005908798
CAASARNNRIFf	TRAV14D-1	TRAJ31	0.00589767
CAASRTGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.005675116
CAAVATGGNNKLTf	TRAV14-1	TRAJ56	0.005563839
CAAMATGGNHKLTf	TRAV14D-3/DV8	TRAJ56	0.005218881
CAAWNYNQGLIF	TRAV14D-3/DV8	TRAJ23	0.005196626
CAAMATGGNNKLTf	TRAV14-1	TRAJ56	0.005107605
CAAMATGGHKLTf	TRAV14D-3/DV8	TRAJ56	0.004929562
CAAKDPGGSNAKLTf	TRAV14D-3/DV8	TRAJ42	0.004339795
CAAVATGGNNLTf	TRAV14D-3/DV8	TRAJ56	0.003961454
CAASARNNRIFf	TRAV14-1	TRAJ31	0.003805666
CAAMATGGNNLTf	TRAV14D-3/DV8	TRAJ56	0.003271538
CAASQGSNNRIFf	TRAV14D-3/DV8	TRAJ31	0.003126878
CAARGNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.002748537
CAASAGGYAQGLTf	TRAV14D-3/DV8	TRAJ26	0.002726281
CAAVAPGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.002626132
CAASATDTGNYKYVf	TRAV14D-3/DV8	TRAJ40	0.002525983
CAALATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.002436962
CAASNGSGGKLTl	TRAV14-1	TRAJ44	0.002325685
CAAWNYNQGLIF	TRAV14-2	TRAJ23	0.002236663
CAASATGGNNKLTf	TRAV14-2	TRAJ56	0.001947344
CAAPSSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.001936216
CAAMGGDNskLIW	TRAV14D-1	TRAJ38	0.001880578
CAAAEDNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001847195
CAAMAPGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.001813812
CAARATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.001802684
CAASAGDGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.00172479
CAASGGSNNRIFf	TRAV14D-3/DV8	TRAJ31	0.00168028
CAASDNTNTGKLTf	TRAV14D-3/DV8	TRAJ27	0.001635769
CAASGSAGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.001613513
CAASATGGNNKLTf	TRAV14D-1	TRAJ56	0.001602386
CAASNGSGGKLTl	TRAV14D-1	TRAJ44	0.00158013

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	IMGT nomenclature		
CAASARNTRIFF	TRAV14D-3/DV8	TRAJ31	0.001569003
CAAAATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.001546747
CAARPTGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.001491109
CAASARNNSIFF	TRAV14D-3/DV8	TRAJ31	0.001368705
CAAKDPGGSNAKLTf	TRAV14-2	TRAJ42	0.001357577
CAASKGGSNAKLTf	TRAV14D-3/DV8	TRAJ42	0.001357577
CAARWNSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001335321
CAASQGSNRIFF	TRAV14-2	TRAJ31	0.001324194
CAASATGGTNKLTf	TRAV14D-3/DV8	TRAJ56	0.001313066
CAARARNRIFF	TRAV14D-3/DV8	TRAJ31	0.001301938
CAASARVATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.001268555
CAAKDPGGSNAKLTf	TRAV14D-1	TRAJ42	0.001257428
CAASARNNRLFF	TRAV14D-3/DV8	TRAJ31	0.001257428
CADYLPGTGSNRLTf	TRAV14D-3/DV8	TRAJ28	0.001224045
CAASARNHRIFF	TRAV14D-3/DV8	TRAJ31	0.001079385
CAAWSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001079385
CAASARTNRIFF	TRAV14D-3/DV8	TRAJ31	0.001068257
CAAVATGGTTKLTf	TRAV14D-3/DV8	TRAJ56	0.001046002
CAASATGGNTKLTf	TRAV14D-3/DV8	TRAJ56	0.001012619
CAAVATGGNNLTf	TRAV14D-3/DV8	TRAJ56	0.001001491
CAASARNYGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.00095698
CAAPSSNTNKVVF	TRAV14-2	TRAJ34	0.000934725
CAAVATGGTNQLTf	TRAV14D-3/DV8	TRAJ56	0.000923597
CAASATGGNNQLTf	TRAV14D-3/DV8	TRAJ56	0.000901342
CAAKDNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000890214
CAASDDNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000890214
CAASIGSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000890214
CAAMATVGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.000879087
CAASATGGNNKLPf	TRAV14D-3/DV8	TRAJ56	0.000879087
CAASARHRIFF	TRAV14D-3/DV8	TRAJ31	0.000867959
CAAVATGGHNQLTf	TRAV14D-3/DV8	TRAJ56	0.000867959
CAAEATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.000856831
CAAMATGGNHQLTf	TRAV14D-3/DV8	TRAJ56	0.000856831
CAAMGGDNSKLIW	TRAV14-1	TRAJ38	0.000845704
CAARGTGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.000845704
CAARARNRIFF	TRAV14-2	TRAJ31	0.000834576
CAASLGRGSALGRHLHF	TRAV14D-3/DV8	TRAJ18	0.000823448
CAAVATVGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.000823448
CAAMATGGNTQLTf	TRAV14D-3/DV8	TRAJ56	0.000812321
CAASGSAGANTGKLTf	TRAV14-2	TRAJ52	0.000812321
CAASARNNRLFF	TRAV14-2	TRAJ31	0.000801193
CAASKRAGGYKVVF	TRAV14D-3/DV8	TRAJ12	0.000790065
CAASGGSNRIFF	TRAV14-2	TRAJ31	0.000778938
CAASATGGNNKLTf	TRAV14-1	TRAJ56	0.00076781
CAASAVGATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.00076781
CAGNSGGSNYKLTf	TRAV14D-3/DV8	TRAJ53	0.00076781
CAAVATGGHHKLTf	TRAV14D-3/DV8	TRAJ56	0.000756682
CAARTTGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.000745554
CAASATGGNHKLTf	TRAV14D-3/DV8	TRAJ56	0.000745554
CAAWNYNQGKLIF	TRAV14D-1	TRAJ23	0.000745554
CAAVATGGHTKLTf	TRAV14D-3/DV8	TRAJ56	0.000734427
CAAMATGGNNKLTf	TRAV14-3	TRAJ56	0.000723299
CAARDGNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.000723299
CAARTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.000723299
CAASARAQGLTf	TRAV14D-3/DV8	TRAJ26	0.000723299

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	IMGT nomenclature		
CAAMATGGTNQLTF	TRAV14D-3/DV8	TRAJ56	0.000712171
CAASAASGGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.000712171
CAASGIF	TRAV14D-3/DV8	TRAJ15	0.000712171
CAAVATGGNNQLPF	TRAV14D-3/DV8	TRAJ56	0.000712171
CAAVATGGTNKLPF	TRAV14D-3/DV8	TRAJ56	0.000712171
CAAMATGGTTKLPF	TRAV14D-3/DV8	TRAJ56	0.000701044
CAASKGGSNAKLPF	TRAV14-2	TRAJ42	0.000701044
CAAVATGGNHQLTF	TRAV14D-3/DV8	TRAJ56	0.000701044
CAAVATGGNTKLPF	TRAV14D-3/DV8	TRAJ56	0.000701044
CAAVATGANNKLPF	TRAV14D-3/DV8	TRAJ56	0.000689916
CAARALYGSSGNKLPF	TRAV14D-3/DV8	TRAJ32	0.000678788
CAAVATGGTQLTF	TRAV14D-3/DV8	TRAJ56	0.000667661
CAAVSTGGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.000667661
CAAMGGDNSKLLW	TRAV14D-3/DV8	TRAJ38	0.000645405
CAARKWGNQGLKLPF	TRAV14D-3/DV8	TRAJ23	0.000645405
CAAMATGGHHKLPF	TRAV14D-3/DV8	TRAJ56	0.000634278
CAARNSGGSNYKLPF	TRAV14D-3/DV8	TRAJ53	0.000634278
CAASARNNSIFF	TRAV14-2	TRAJ31	0.000634278
CAASARNTRIFF	TRAV14-2	TRAJ31	0.000634278
CAAVATGGNNKLPF	TRAV14-3	TRAJ56	0.000634278
CAAMSTGGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.00062315
CAARKENNQGLKLPF	TRAV14D-3/DV8	TRAJ23	0.00062315
CAAVATGGTHKLPF	TRAV14D-3/DV8	TRAJ56	0.00062315
CAAVATGVNNKLPF	TRAV14D-3/DV8	TRAJ56	0.00062315
CADYLPGTGSNRLTF	TRAV14-1	TRAJ28	0.00062315
CADYLPGTGSNRLTF	TRAV14-2	TRAJ28	0.00062315
CAAKDNNNAPRF	TRAV14-2	TRAJ43	0.000612022
CAASARSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000600895
CAASNGSGGTLTL	TRAV14D-3/DV8	TRAJ44	0.000600895
CAASNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000600895
CAAIATGGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.000589767
CAAMATGGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.000589767
CAAVATGRNNKLPF	TRAV14D-3/DV8	TRAJ56	0.000589767
CAASARNNRIFF	TRAV14-3	TRAJ31	0.000578639
CAASVVAASLGKLPF	TRAV14D-3/DV8	TRAJ24	0.000578639
CAAMATGGNTKLPF	TRAV14D-3/DV8	TRAJ56	0.000567512
CAASDGSNGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.000567512
CAAVATGGNNKLSF	TRAV14D-3/DV8	TRAJ56	0.000567512
CAAMGGDNSTLIW	TRAV14D-3/DV8	TRAJ38	0.000556384
CAAREAGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000556384
CAARWNSNNRIFF	TRAV14-2	TRAJ31	0.000556384
CAASATGGHNKLPF	TRAV14D-3/DV8	TRAJ56	0.000556384
CAASGGGNNAGAKLPF	TRAV14D-3/DV8	TRAJ39	0.000556384
CAASRGLTGNTGKLPF	TRAV14D-3/DV8	TRAJ37	0.000556384
CAASRSRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000545256
CAAMATGANNKLPF	TRAV14D-3/DV8	TRAJ56	0.000534129
CAASGWQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000534129
CAASNGSGGQLTL	TRAV14D-3/DV8	TRAJ44	0.000534129
CAASPARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000534129
CAAMATGGTNKLPF	TRAV14-2	TRAJ56	0.000523001
CAASKVGGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.000523001
CAAVATGGNHKLPF	TRAV14D-3/DV8	TRAJ56	0.000523001
CAAVATGGTNKLPF	TRAV14D-1	TRAJ56	0.000523001
CAAVATGGTNTLPF	TRAV14D-3/DV8	TRAJ56	0.000523001
CAAMATGGHNQLTF	TRAV14D-3/DV8	TRAJ56	0.000511873

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	IMGT nomenclature		
CAAMATGGHTKLTFF	TRAV14D-3/DV8	TRAJ56	0.000500746
CAASARHNRIFF	TRAV14-2	TRAJ31	0.000500746
CAASNGRGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.000500746
CAATNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000500746
CAASTTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000489618
CAASVRNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000489618
CAAVATGGNNQLTFF	TRAV14-2	TRAJ56	0.000489618
CAAMATGGTNKLTFF	TRAV14D-1	TRAJ56	0.00047849
CAAMATGVNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.00047849
CAASARGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00047849
CAASDTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.00047849
CAASNGSGGTLL	TRAV14-2	TRAJ44	0.00047849
CAASTGSGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.00047849
CAAMATGGNNKLSF	TRAV14D-3/DV8	TRAJ56	0.000467363
CAAMATGGTNTLTFF	TRAV14D-3/DV8	TRAJ56	0.000467363
CAASARNHRIFF	TRAV14-2	TRAJ31	0.000467363
CAASATGGNNLTFF	TRAV14D-3/DV8	TRAJ56	0.000467363
CEAVATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000467363
CAAMATGGNNQLTFF	TRAV14-2	TRAJ56	0.000456235
CAASDDSAGNKLTFF	TRAV14D-3/DV8	TRAJ17	0.000456235
CAASLTGSGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.000445107
CAAWSNNRIFF	TRAV14-2	TRAJ31	0.000445107
CAAMATAGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000433979
CAAMATGGHNKLPFF	TRAV14D-3/DV8	TRAJ56	0.000433979
CAASAITNAYKVIFF	TRAV14D-3/DV8	TRAJ30	0.000433979
CAASKGGSNAKLTFF	TRAV14-1	TRAJ42	0.000433979
CAASQSRGSALGRHLHF	TRAV14D-3/DV8	TRAJ18	0.000433979
CAASSDSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000433979
CAAVATGGHNKLPFF	TRAV14D-3/DV8	TRAJ56	0.000433979
CAAVATGGNNKLNFF	TRAV14D-3/DV8	TRAJ56	0.000433979
CAAVATGGNTKLTFF	TRAV14-2	TRAJ56	0.000433979
CAAMATGGTHKLTFF	TRAV14D-3/DV8	TRAJ56	0.000422852
CAAMATGGTNKLPFF	TRAV14D-3/DV8	TRAJ56	0.000422852
CAASAGDGGNNKLTFF	TRAV14D-1	TRAJ56	0.000422852
CAASATDTGNYKYVFF	TRAV14-2	TRAJ40	0.000422852
CAASVGRGSALGRHLHF	TRAV14D-3/DV8	TRAJ18	0.000422852
CAAVATGGNHKLTFF	TRAV14-2	TRAJ56	0.000422852
CAAEASGGNYKPTFF	TRAV14D-3/DV8	TRAJ6	0.000411724
CAARNGSGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.000411724
CAASAGRGSALGRHLHF	TRAV14D-3/DV8	TRAJ18	0.000411724
CAASARTNRIFF	TRAV14-2	TRAJ31	0.000411724
CAASNGSGGKLPPL	TRAV14D-3/DV8	TRAJ44	0.000411724
CAAVATGCNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000411724
CAAVATGGTNKLTFF	TRAV14-2	TRAJ56	0.000411724
CAAMATGRNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000400596
CAASATDTGNYKYVFF	TRAV14D-1	TRAJ40	0.000400596
CAASEGGGRALIFF	TRAV14D-3/DV8	TRAJ15	0.000400596
CAASGDTGNYKYVFF	TRAV14D-3/DV8	TRAJ40	0.000400596
CAASGVNTGYQNIFYF	TRAV14D-3/DV8	TRAJ49	0.000400596
CAAVATGGNNQLTFF	TRAV14D-1	TRAJ56	0.000400596
CAAVATGGNTLTFF	TRAV14D-3/DV8	TRAJ56	0.000400596
CAAIARNRIFF	TRAV14D-3/DV8	TRAJ31	0.000389469
CAAMATGGNTKLTFF	TRAV14-2	TRAJ56	0.000389469
CAAMGGDTSKLIW	TRAV14D-3/DV8	TRAJ38	0.000389469
CAAREGNAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.000389469

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	IMGT nomenclature		
CAASAANTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000389469
CAASIGSNRRIF	TRAV14-2	TRAJ31	0.000389469
CAASQGSNRRIF	TRAV14D-1	TRAJ31	0.000389469
CAAMATGGNNQLPF	TRAV14D-3/DV8	TRAJ56	0.000378341
CAAMPTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000378341
CAARANYAQLTF	TRAV14D-3/DV8	TRAJ26	0.000378341
CAASIRDYGNKITF	TRAV14D-3/DV8	TRAJ48	0.000378341
CAASRGNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000378341
CAAVATGGNNKMTF	TRAV14D-3/DV8	TRAJ56	0.000378341
CAAVATGGNNKPTF	TRAV14D-3/DV8	TRAJ56	0.000378341
CAAGATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000367213
CAAMATGGNHKLPF	TRAV14D-3/DV8	TRAJ56	0.000367213
CAAMATGGNHKLT	TRAV14-2	TRAJ56	0.000367213
CAAMGGDNSKLLW	TRAV14-2	TRAJ38	0.000367213
CAAMTTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000367213
CAAPSSNTNKVVF	TRAV14-1	TRAJ34	0.000356086
CAASRTGGNNKLT	TRAV14-2	TRAJ56	0.000356086
CAAVATGGHNKLT	TRAV14D-1	TRAJ56	0.000356086
CAAVATGGNNLTPF	TRAV14D-3/DV8	TRAJ56	0.000356086
CAAAEDNNAPRF	TRAV14D-1	TRAJ43	0.000344958
CAAMATGGHNKLT	TRAV14-2	TRAJ56	0.000344958
CAASNGRGGKLT	TRAV14-2	TRAJ44	0.000344958
CAASPSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000344958
CAATNSNRRIF	TRAV14-2	TRAJ31	0.000344958
CAAVATGGHNKLT	TRAV14-2	TRAJ56	0.000344958
CAAVATGGNNKLPF	TRAV14-2	TRAJ56	0.000344958
CAAVPTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000344958
CAAVATGGNTKLT	TRAV14D-1	TRAJ56	0.00033383
CEAMATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00033383
CAAMATGGNNKPTF	TRAV14D-3/DV8	TRAJ56	0.000322703
CAAMATGGNTLTF	TRAV14D-3/DV8	TRAJ56	0.000322703
CAARAPMSNYNLYF	TRAV14D-3/DV8	TRAJ21	0.000322703
CAASAVGATGGNNKLT	TRAV14-2	TRAJ56	0.000322703
CAASDGETEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000322703
CAASVRNSNRRIF	TRAV14-2	TRAJ31	0.000322703
CAATATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000322703
CAAVANGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000322703
CAALATGGNTKLT	TRAV14D-3/DV8	TRAJ56	0.000311575
CAAMATGGHNKLT	TRAV14D-1	TRAJ56	0.000311575
CAARDGNAGAKLTF	TRAV14-2	TRAJ39	0.000311575
CAASAPGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000311575
CAASARAQLTF	TRAV14-2	TRAJ26	0.000311575
CAASDNTNTGKLT	TRAV14-2	TRAJ27	0.000311575
CAAAEDNNAPRF	TRAV14-2	TRAJ43	0.000300447
CAAMATGGNNKMTF	TRAV14D-3/DV8	TRAJ56	0.000300447
CAARRGTNYNLYF	TRAV14D-3/DV8	TRAJ21	0.000300447
CAASDNTNTGKLT	TRAV14D-1	TRAJ27	0.000300447
CAASYGRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000300447
CAAVAPGGTKLT	TRAV14D-3/DV8	TRAJ56	0.000300447
CAAVATRGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000300447
CAAWSNRRIF	TRAV14-1	TRAJ31	0.000300447
CAAMATGCNNKLT	TRAV14D-3/DV8	TRAJ56	0.00028932
CAAMATGGNNKLPF	TRAV14-2	TRAJ56	0.00028932
CAASAGDGGNNKLT	TRAV14-2	TRAJ56	0.00028932
CAAVATGGNHTLTF	TRAV14D-3/DV8	TRAJ56	0.00028932

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	IMGT nomenclature		
CAAGETGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000278192
CAARMNNQGKLIF	TRAV14D-3/DV8	TRAJ23	0.000278192
CAASGGRMDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000278192
CAASTGSGGKLT	TRAV14-2	TRAJ44	0.000278192
CAAVATAGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000278192
CAAVATGGNYKLT	TRAV14D-3/DV8	TRAJ56	0.000278192
CAALATGGNNQLT	TRAV14D-3/DV8	TRAJ56	0.000267064
CAALGGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000267064
CAAMATGGNTKLT	TRAV14D-1	TRAJ56	0.000267064
CAARENAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000267064
CAARMNNNAGAKLT	TRAV14D-3/DV8	TRAJ39	0.000267064
CAARNGSGGKLT	TRAV14-2	TRAJ44	0.000267064
CAASARSNNRIFF	TRAV14-2	TRAJ31	0.000267064
CAASAVGATGGNNKLT	TRAV14-1	TRAJ56	0.000267064
CAASDDNNAPRF	TRAV14D-1	TRAJ43	0.000267064
CAASSDSNNRIFF	TRAV14-2	TRAJ31	0.000267064
CAASVGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000267064
CAAVAPGGHNKLT	TRAV14D-3/DV8	TRAJ56	0.000267064
CAGFTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000267064
CAASAMATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000255937
CAASARGNNRIFF	TRAV14-2	TRAJ31	0.000255937
CAASDGQQTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000255937
CAASHLNTGNYKYV	TRAV14D-3/DV8	TRAJ40	0.000255937
CAAVAPGGNTKLT	TRAV14D-3/DV8	TRAJ56	0.000255937
CAAVATGGNNMLT	TRAV14D-3/DV8	TRAJ56	0.000255937
CAAKDPGGSNAQLT	TRAV14D-3/DV8	TRAJ42	0.000244809
CAAKDPGGSTAKLT	TRAV14D-3/DV8	TRAJ42	0.000244809
CAAMATGGNNRLT	TRAV14D-3/DV8	TRAJ56	0.000244809
CAAMATGGNNLT	TRAV14-2	TRAJ56	0.000244809
CAAMGGDNSKLIW	TRAV14-3	TRAJ38	0.000244809
CAAMGGDNSTLIW	TRAV14-2	TRAJ38	0.000244809
CAARGNNAGAKLT	TRAV14D-3/DV8	TRAJ39	0.000244809
CAARRENNQGKLIF	TRAV14D-3/DV8	TRAJ23	0.000244809
CAARTGANTGKLT	TRAV14-1	TRAJ52	0.000244809
CAARTGANTGKLT	TRAV14-2	TRAJ52	0.000244809
CAASNGSGQLT	TRAV14-2	TRAJ44	0.000244809
CAAVATGGHNKLT	TRAV14-1	TRAJ56	0.000244809
CAAVATGGHNTLT	TRAV14D-3/DV8	TRAJ56	0.000244809
CAAVATGGPNKLT	TRAV14D-3/DV8	TRAJ56	0.000244809
CAAKATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000233681
CAAKDPGGSNAKLT	TRAV14-1	TRAJ42	0.000233681
CAALATGGNNKLT	TRAV14-2	TRAJ56	0.000233681
CAAMATGGNNKLN	TRAV14D-3/DV8	TRAJ56	0.000233681
CAASAGGYAQLT	TRAV14-2	TRAJ26	0.000233681
CAASNGSGNLTL	TRAV14D-3/DV8	TRAJ44	0.000233681
CAAVATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000233681
CAAMAPGGTNKLT	TRAV14D-3/DV8	TRAJ56	0.000222554
CAAMATGGHNTLT	TRAV14D-3/DV8	TRAJ56	0.000222554
CAAMATGGNHTLT	TRAV14D-3/DV8	TRAJ56	0.000222554
CAAMATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000222554
CAARPAGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000222554
CAARWADNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000222554
CAASARNRFTF	TRAV14D-3/DV8	TRAJ31	0.000222554
CAASGTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000222554
CAASIRNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000222554

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	IMGT nomenclature		
CAASQGSNNRIFF	TRAV14-1	TRAJ31	0.000222554
CAAVATGGNHKLTF	TRAV14D-1	TRAJ56	0.000222554
CAAVATGGTNKLTF	TRAV14-1	TRAJ56	0.000222554
CAEKTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000222554
CAPMATGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000222554
CAALATGGNHKLTF	TRAV14D-3/DV8	TRAJ56	0.000211426
CAAMAPGGNTKLTF	TRAV14D-3/DV8	TRAJ56	0.000211426
CAAMATGGNNLTF	TRAV14D-3/DV8	TRAJ56	0.000211426
CAAMATGGTNKLTF	TRAV14-1	TRAJ56	0.000211426
CAAMGGDNSQLIW	TRAV14D-3/DV8	TRAJ38	0.000211426
CAARGENNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000211426
CAASAITNAYKVIF	TRAV14-2	TRAJ30	0.000211426
CAASDNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000211426
CAASRGYSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.000211426
CAASRTGGNNQLTF	TRAV14D-3/DV8	TRAJ56	0.000211426
CAAVAPGGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.000211426
CAAVATGGNNKLPF	TRAV14-1	TRAJ56	0.000211426
CAAVATGGNNRLTF	TRAV14D-3/DV8	TRAJ56	0.000211426
CASVATGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000211426
CSAMATGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000211426
CSAVATGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000211426
CAAKDNNNAPRF	TRAV14-1	TRAJ43	0.000200298
CAAKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.000200298
CAALATGGNNKLTF	TRAV14D-1	TRAJ56	0.000200298
CAAMATRGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000200298
CAAMGGDNRKLIW	TRAV14D-3/DV8	TRAJ38	0.000200298
CAARGNNNNAPRF	TRAV14-2	TRAJ43	0.000200298
CAARSTGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000200298
CAASATDTGNYKYVF	TRAV14-1	TRAJ40	0.000200298
CAASRTGGTNKLTF	TRAV14D-3/DV8	TRAJ56	0.000200298
CAATNSNNRIFF	TRAV14-1	TRAJ31	0.000200298
CAAVAPGGNHKLTF	TRAV14D-3/DV8	TRAJ56	0.000200298
CAAVATGGNNKLPF	TRAV14D-1	TRAJ56	0.000200298
CAAWNYNQGKLI	TRAV14-1	TRAJ23	0.000200298
CASMATGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000200298
CAALATGGHKLTF	TRAV14D-3/DV8	TRAJ56	0.000189171
CAALATGGNNTLTF	TRAV14D-3/DV8	TRAJ56	0.000189171
CAAMAPGGHKLTF	TRAV14D-3/DV8	TRAJ56	0.000189171
CAAMATGGHKLTF	TRAV14D-3/DV8	TRAJ56	0.000189171
CAASGGSNNRIFF	TRAV14D-1	TRAJ31	0.000189171
CAASNGSGGKLT	TRAV14-3	TRAJ44	0.000189171
CAASRSGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000189171
CAASRTGGNNKLTF	TRAV14D-1	TRAJ56	0.000189171
CAAVAPGGNNQLTF	TRAV14D-3/DV8	TRAJ56	0.000189171
CAEVATGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000189171
CAQWVYVYQKLI	TRAV14D-3/DV8	TRAJ23	0.000189171
CAAAATGGNTKLTF	TRAV14D-3/DV8	TRAJ56	0.000178043
CAAKEGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000178043
CAALATGGTNKLTF	TRAV14D-3/DV8	TRAJ56	0.000178043
CAAMAAGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000178043
CAAMATGGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.000178043
CAAMATGGNNQLTF	TRAV14-1	TRAJ56	0.000178043
CAAMATGGNNQLTF	TRAV14D-1	TRAJ56	0.000178043
CAAMATGGNPKLTF	TRAV14D-3/DV8	TRAJ56	0.000178043
CAAMATGGPNKLTF	TRAV14D-3/DV8	TRAJ56	0.000178043

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	IMGT nomenclature		
CAASARNRRLF	TRAV14D-1	TRAJ31	0.000178043
CAASAWNTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000178043
CAASVWAASLGKLF	TRAV14-2	TRAJ24	0.000178043
CAAVAAGGNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000178043
CAAVATGGKNTLTF	TRAV14D-3/DV8	TRAJ56	0.000178043
CAAVATGGNNTLTF	TRAV14-2	TRAJ56	0.000178043
CAAVATGGNTKLTFF	TRAV14-1	TRAJ56	0.000178043
CAAVATGGTTLTF	TRAV14D-3/DV8	TRAJ56	0.000178043
CAAVVTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000178043
CAPYNTNTGKLTFF	TRAV14D-3/DV8	TRAJ27	0.000178043
CAAGASSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.000166915
CAAMAPGGNHKLTFF	TRAV14D-3/DV8	TRAJ56	0.000166915
CAAMAPGGNNTLTF	TRAV14D-3/DV8	TRAJ56	0.000166915
CAAMATGDNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000166915
CAAMATGGNHKLTFF	TRAV14D-1	TRAJ56	0.000166915
CAAMATGGNNELTF	TRAV14D-3/DV8	TRAJ56	0.000166915
CAAMATGGSNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000166915
CAAMGGANSKLIW	TRAV14D-3/DV8	TRAJ38	0.000166915
CAAMGGDHSKLIW	TRAV14D-3/DV8	TRAJ38	0.000166915
CAANYNQKLIFF	TRAV14D-3/DV8	TRAJ23	0.000166915
CAARENAYKVIF	TRAV14-2	TRAJ30	0.000166915
CAARGNNNNAPRF	TRAV14D-1	TRAJ43	0.000166915
CAARNQGGSAKLIFF	TRAV14D-3/DV8	TRAJ57	0.000166915
CAARNSGGSNYKLTFF	TRAV14-2	TRAJ53	0.000166915
CAASARNRILF	TRAV14D-3/DV8	TRAJ31	0.000166915
CAASARQKLIFF	TRAV14D-3/DV8	TRAJ23	0.000166915
CAASLTNSAGNKLTFF	TRAV14D-3/DV8	TRAJ17	0.000166915
CAASPPRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000166915
CAASRGNNAGAKLTFF	TRAV14-2	TRAJ39	0.000166915
CAASRTGGNHKLTFF	TRAV14D-3/DV8	TRAJ56	0.000166915
CAASVGSNNRIFF	TRAV14-2	TRAJ31	0.000166915
CAAVATGGNDKLTFF	TRAV14D-3/DV8	TRAJ56	0.000166915
CAAVATGGNPKLTFF	TRAV14D-3/DV8	TRAJ56	0.000166915
CAAWNYNQGTLIFF	TRAV14D-3/DV8	TRAJ23	0.000166915
CAAAATGGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.000155788
CAAMGGDNSNLIW	TRAV14D-3/DV8	TRAJ38	0.000155788
CAAPSSNTNKVVF	TRAV14D-1	TRAJ34	0.000155788
CAAREGNAGAKLTFF	TRAV14-2	TRAJ39	0.000155788
CAASARNNTIFF	TRAV14D-3/DV8	TRAJ31	0.000155788
CAASARTNRIFF	TRAV14D-1	TRAJ31	0.000155788
CAASATGGTNQLTFF	TRAV14D-3/DV8	TRAJ56	0.000155788
CAASATGGTTKLTFF	TRAV14D-3/DV8	TRAJ56	0.000155788
CAASDGAGGNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000155788
CAASGGSNNRIFF	TRAV14-1	TRAJ31	0.000155788
CAASKDYGSSGNKLIFF	TRAV14D-3/DV8	TRAJ32	0.000155788
CAASPPNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000155788
CAASVGYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000155788
CAAVATGGNHKLTFF	TRAV14-1	TRAJ56	0.000155788
CAAVATGSNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000155788
CAAVTTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000155788
CAAWNYNPGKLIFF	TRAV14D-3/DV8	TRAJ23	0.000155788
CAPYNTNTGKLTFF	TRAV14-1	TRAJ27	0.000155788
CATVATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000155788
CAAAATGGNNKLTFF	TRAV14-2	TRAJ56	0.00014466
CAAIARNNRIFF	TRAV14-2	TRAJ31	0.00014466

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	IMGT nomenclature		
CAAKDPGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00014466
CAALATGGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAMANGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAMAPGGNNKLPF	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAMATGGDNKLT	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAMATGGINKLT	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAMATGGNNKLPF	TRAV14-1	TRAJ56	0.00014466
CAAMATGGNNKLPF	TRAV14D-1	TRAJ56	0.00014466
CAAMATGGNNMLTF	TRAV14D-3/DV8	TRAJ56	0.00014466
CAARKENNQGLIF	TRAV14-2	TRAJ23	0.00014466
CAARPTGGNNKLT	TRAV14D-1	TRAJ56	0.00014466
CAASAASGGNNKLT	TRAV14D-1	TRAJ56	0.00014466
CAASAGGYAQLTF	TRAV14D-1	TRAJ26	0.00014466
CAASAIGATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00014466
CAASARDNRIF	TRAV14D-3/DV8	TRAJ31	0.00014466
CAASARNTRIF	TRAV14D-1	TRAJ31	0.00014466
CAASHGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.00014466
CAASLGRGSALGRLHF	TRAV14-2	TRAJ18	0.00014466
CAASNGSGGNLTL	TRAV14-2	TRAJ44	0.00014466
CAAVAPGGNNLTF	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAVATGGHHKLPF	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAVATGGHHQLTF	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAVATGGINKLT	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAVATGGNIKLT	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAVATGGNNQLTF	TRAV14-1	TRAJ56	0.00014466
CAAVATGGNNLTF	TRAV14-1	TRAJ56	0.00014466
CAAVATGGTHQLTF	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAVATGGTNQLPF	TRAV14D-3/DV8	TRAJ56	0.00014466
CAPVATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00014466
CVAVATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00014466
CAAHTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000133532
CAAMATEGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000133532
CAAMATGGNNLTF	TRAV14-1	TRAJ56	0.000133532
CAAMATGGNNLTF	TRAV14D-1	TRAJ56	0.000133532
CAAMATGGNTKLT	TRAV14-1	TRAJ56	0.000133532
CAAPSSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.000133532
CAARPLTGANTGKLT	TRAV14-2	TRAJ52	0.000133532
CAARPLTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000133532
CAASARNHSIF	TRAV14D-3/DV8	TRAJ31	0.000133532
CAASARNTRIF	TRAV14-1	TRAJ31	0.000133532
CAASATGGNNKLPF	TRAV14-2	TRAJ56	0.000133532
CAASGSSGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000133532
CAASWSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000133532
CAAVAIGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000133532
CAAVAPGGNNKLT	TRAV14-2	TRAJ56	0.000133532
CAAVATGANNQLTF	TRAV14D-3/DV8	TRAJ56	0.000133532
CAAVATGDNNKLT	TRAV14D-3/DV8	TRAJ56	0.000133532
CAAVATGGNHNLT	TRAV14D-3/DV8	TRAJ56	0.000133532
CAAVATGGNNELTF	TRAV14D-3/DV8	TRAJ56	0.000133532
CAAVATGGNTLTF	TRAV14D-3/DV8	TRAJ56	0.000133532
CAAVATGVNTKLT	TRAV14D-3/DV8	TRAJ56	0.000133532
CAAVDTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000133532
CAAWNYNQGLIF	TRAV14-2	TRAJ23	0.000133532
CAAWTYNQGLIF	TRAV14D-3/DV8	TRAJ23	0.000133532
CEASARNRIF	TRAV14D-3/DV8	TRAJ31	0.000133532

Triple High Tregs Replicate 3

	IMGT nomenclature		
CAAEGGNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000122404
CAALAPGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000122404
CAALGGDNSKLIW	TRAV14-2	TRAJ38	0.000122404
CAAMAIGGNNKLTF	TRAV14D-3/DV8	TRAJ56	0.000122404
CAAMATGGNDKLTF	TRAV14D-3/DV8	TRAJ56	0.000122404
CAAMATGGTNNLTF	TRAV14D-3/DV8	TRAJ56	0.000122404
CAAMCGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000122404

TCR sequences and frequencies from sorted Triple low Tregs

Triple Low Tregs Replicate 1

Triple Low Tregs Replicate 2

IMGT nomenclature				IMGT nomenclature			
CDR3	V	J	Frequency	CDR3	V	J	Frequency
CAASPVNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.020408163	CAASVGYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.034677816
CAASVGGSSNAKLTF	TRAV14D-3/DV8	TRAJ42	0.017062563	CAASVGGSSNAKLTF	TRAV14D-3/DV8	TRAJ42	0.017461879
CAADTGNKYKVF	TRAV14D-3/DV8	TRAJ40	0.014720642	CAADTGNKYKVF	TRAV14D-3/DV8	TRAJ40	0.016232169
CAASAGNSNNRIFF	TRAV14-2	TRAJ31	0.011040482	CAAVATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.013034924
CAAIGNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.009367681	CAAMATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.012051156
CAASAGNSNNRIFF	TRAV14-1	TRAJ31	0.009367681	CAASASGGNYKPTF	TRAV14-2	TRAJ6	0.010329562
CAAVATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.008698561	CAARNNYAQLTf	TRAV14D-3/DV8	TRAJ26	0.00885391
CAAMATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.008029441	CAAPSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.008607969
CAASAGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.008029441	CAASADSNRIFF	TRAV14D-3/DV8	TRAJ31	0.008607969
CAASASTGNYKVF	TRAV14D-3/DV8	TRAJ40	0.008029441	CAASGGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.008362027
CAARNNYAQLTf	TRAV14-2	TRAJ26	0.007694881	CAAKYQGGRALIF	TRAV14-2	TRAJ15	0.008116085
CAARNNYAQLTf	TRAV14D-3/DV8	TRAJ26	0.007360321	CAAPSGQKLVF	TRAV14-2	TRAJ16	0.008116085
CAASADSNRIFF	TRAV14-2	TRAJ31	0.007025761	CAARNNYAQLTf	TRAV14-2	TRAJ26	0.008116085
CAARDTSGGKLTf	TRAV14-2	TRAJ44	0.006691201	CAAETSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.007870143
CAASASTGNYKVF	TRAV14-2	TRAJ40	0.006356641	CAASAGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.007870143
CAASGGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.006356641	CAASGGNNRIFF	TRAV14-2	TRAJ31	0.007870143
CAAKWDNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.006022081	CAASAGNSNNRIFF	TRAV14-2	TRAJ31	0.007378259
CAASAGSGGNYKPTF	TRAV14-2	TRAJ6	0.005687521	CAASAVHTNTGKLTf	TRAV14D-3/DV8	TRAJ27	0.007132317
CAASAMNYNQGLKIF	TRAV14D-3/DV8	TRAJ23	0.005687521	CAAKYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.006640433
CAASSMGGSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.005687521	CAASVDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.006640433
CAAERSGSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.005352961	CAASAMNYNQGLKIF	TRAV14D-3/DV8	TRAJ23	0.006394491
CAARSNTGYQNFYF	TRAV14-2	TRAJ49	0.005352961	CAARRNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.006148549
CAASAGQGGRALIF	TRAV14-2	TRAJ15	0.005352961	CAASADSNRIFF	TRAV14-2	TRAJ31	0.006148549
CAARDTSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.005018401	CAASARNRIFF	TRAV14D-3/DV8	TRAJ31	0.006148549
CAASAIPTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.005018401	CAAHSGGSNYKLTf	TRAV14D-3/DV8	TRAJ53	0.005902607
CAAVGNTGADRLTF	TRAV14D-3/DV8	TRAJ45	0.005018401	CAAIGNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.005902607
CAVSGRTPATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.005018401	CAASARNRIFF	TRAV14-2	TRAJ31	0.005902607
CAARRNNNNAPRF	TRAV14-2	TRAJ43	0.004683841	CAASAGQGGRALIF	TRAV14-2	TRAJ15	0.005656665
CAASASGGNYKPTF	TRAV14-2	TRAJ6	0.004683841	CAAVGNTGADRLTF	TRAV14D-3/DV8	TRAJ45	0.005656665
CAASNNNNAPRF	TRAV14-2	TRAJ43	0.004683841	CAAKEGRTNAYKVIFF	TRAV14-2	TRAJ30	0.005164781
CAASRGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.004683841	CAARDTSGGKLTf	TRAV14-2	TRAJ44	0.005164781
CAASVDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.004683841	CAASDGASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.005164781
CAAPSGQKLVF	TRAV14-2	TRAJ16	0.004349281	CAASETSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.005164781
CAASADSNRIFF	TRAV14D-3/DV8	TRAJ31	0.004349281	CAAKDNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.004918839
CAASAGSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.004349281	CAARWPTGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.004918839
CAASAPNTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.004349281	CAASAGNSNNRIFF	TRAV14-1	TRAJ31	0.004918839
CAASDNNNAPRF	TRAV14-2	TRAJ43	0.004349281	CAAIGNTEGADRLTF	TRAV14-2	TRAJ45	0.004672897
CAASETSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.004349281	CAARRAEGADRLTF	TRAV14-2	TRAJ45	0.004672897
CAASGIFGGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.004349281	CAASEGSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.004672897
CAASVTSGGNYKPTF	TRAV14-2	TRAJ6	0.004349281	CAASRTGNYKVF	TRAV14D-3/DV8	TRAJ40	0.004672897
CAASAPNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.004014721	CAAMQQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.004426955
CAASPINNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.004014721	CAASAGQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.004426955
CAASWDNNNAPRF	TRAV14-2	TRAJ43	0.004014721	CAASEGTGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.004426955
CAAFRSNNRIFF	TRAV14-2	TRAJ31	0.003680161	CAASVGYQGGRALIF	TRAV14-2	TRAJ15	0.004426955
CAAKYNQGLKIF	TRAV14D-3/DV8	TRAJ23	0.003680161	CAARRWNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.004181013
CAARGGNEKITF	TRAV14-2	TRAJ48	0.003680161	CAASASGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.004181013
CAASAASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.003680161	CAARDTSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.003935071
CAASAMEGGRALIF	TRAV14D-3/DV8	TRAJ15	0.003680161	CAARGDTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.003935071
CAASDGGSNAKLTF	TRAV14D-3/DV8	TRAJ42	0.003680161	CAARRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.003935071
CAASGGNNRIFF	TRAV14-2	TRAJ31	0.003680161	CAARSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.003935071
CAAKWDNTNKVVF	TRAV14-2	TRAJ34	0.003345601	CAASGNTGADRLTF	TRAV14D-3/DV8	TRAJ45	0.003935071
CAANVDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.003345601	CAARRNNNNAPRF	TRAV14-2	TRAJ43	0.003689129
CAARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.003345601	CAARSNTGYQNFYF	TRAV14-2	TRAJ49	0.003689129
CAASAQEGRALIF	TRAV14-2	TRAJ15	0.003345601	CAALNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.003443187

Triple Low Tregs Replicate 1

	IMGT nomenclature		
CAASAEQGRALIF	TRAV14D-3/DV8	TRAJ15	0.003345601
CAASEGGGRALIF	TRAV14D-3/DV8	TRAJ15	0.003345601
CAASKHMGYKLTFF	TRAV14-2	TRAJ9	0.003345601
CAASSANVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.003345601
CAAHSGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.003011104
CAANYNQKLIFF	TRAV14-1	TRAJ23	0.003011104
CAARGSALGRLHF	TRAV14-2	TRAJ18	0.003011104
CAARRNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.003011104
CAARSGGGRALIF	TRAV14-2	TRAJ15	0.003011104
CAASEGTGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.003011104
CAASGNTGADRLTF	TRAV14D-3/DV8	TRAJ45	0.003011104
CAASGRGSNTNKVVFF	TRAV14-2	TRAJ34	0.003011104
CAASGSNNRIFF	TRAV14-2	TRAJ31	0.003011104
CAASNGNEKITFF	TRAV14D-3/DV8	TRAJ48	0.003011104
CAASVKNAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.003011104
CAASVFPFVGDNKLIW	TRAV14-2	TRAJ38	0.003011104
CAATSNTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.003011104
CAAFRSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00267648
CAAKEGRTNAYKVIFF	TRAV14-2	TRAJ30	0.00267648
CAAKYQGGRALIF	TRAV14-2	TRAJ15	0.00267648
CAANYNQKLIFF	TRAV14-2	TRAJ23	0.00267648
CAARSNTGYQNFYFF	TRAV14D-3/DV8	TRAJ49	0.00267648
CAARYITGNTGKLIFF	TRAV14-2	TRAJ37	0.00267648
CAASAGNNRIFF	TRAV14-2	TRAJ31	0.00267648
CAASAGSGGNYKPTFF	TRAV14-1	TRAJ6	0.00267648
CAASAQDSNNRRTL	TRAV14-2	TRAJ7	0.00267648
CAASDGASSFSKLVFF	TRAV14D-3/DV8	TRAJ50	0.00267648
CAASDGSSGNKLIFF	TRAV14D-3/DV8	TRAJ32	0.00267648
CAASDTGANTGKLTFF	TRAV14-2	TRAJ52	0.00267648
CAASEGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00267648
CAASEGNEKITFF	TRAV14D-3/DV8	TRAJ48	0.00267648
CAASEGNSNNRIFF	TRAV14-1	TRAJ31	0.00267648
CAASIRNSNNRIFF	TRAV14-2	TRAJ31	0.00267648
CAASRGGTGSKLSFF	TRAV14D-3/DV8	TRAJ58	0.00267648
CAASSAVNSNNRIFF	TRAV14-2	TRAJ31	0.00267648
CAASVASSGSWQLIFF	TRAV14D-3/DV8	TRAJ22	0.00267648
CAAESENSNNRIFF	TRAV14-2	TRAJ31	0.00234192
CAAIGNTEGADRLTF	TRAV14-2	TRAJ45	0.00234192
CAAKPSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00234192
CAALDVNTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.00234192
CAARGGNEKITFF	TRAV14D-3/DV8	TRAJ48	0.00234192
CAARKAEGADRLTF	TRAV14-2	TRAJ45	0.00234192
CAARPGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.00234192
CAARRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00234192
CAARRGGSGGKLTFF	TRAV14D-3/DV8	TRAJ44	0.00234192
CAARTTPNYNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.00234192
CAASAGDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00234192
CAASAGGNYQLIWF	TRAV14D-3/DV8	TRAJ33	0.00234192
CAASARNNRIFF	TRAV14-2	TRAJ31	0.00234192
CAASATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.00234192
CAASDNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00234192
CAASEGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00234192
CAASENSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00234192
CAASETNMGYKLTFF	TRAV14D-3/DV8	TRAJ9	0.00234192
CAASRDGTANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.00234192

Triple Low Tregs Replicate 2

	IMGT nomenclature		
CAANDRGSALGRLHF	TRAV14-2	TRAJ18	0.003443187
CAASRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.003443187
CAAHTGNYKYVFF	TRAV14D-3/DV8	TRAJ40	0.003197245
CAALTGSNNRIFF	TRAV14-2	TRAJ31	0.003197245
CAARGVTGSGGKLTFF	TRAV14-2	TRAJ44	0.003197245
CAASATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.003197245
CAASGDSNYQLIWF	TRAV14-2	TRAJ33	0.003197245
CAASRAEGADRLTF	TRAV14-2	TRAJ45	0.003197245
CAASSASSFSKLVFF	TRAV14D-3/DV8	TRAJ50	0.003197245
CAASVQGNKYVFF	TRAV14D-3/DV8	TRAJ40	0.003197245
CAASVTSGGNYKPTFF	TRAV14-2	TRAJ6	0.003197245
CAAGDTNAYKVIFF	TRAV14D-3/DV8	TRAJ30	0.002951303
CAARGTNAYKVIFF	TRAV14D-3/DV8	TRAJ30	0.002951303
CAARVPGKLIFF	TRAV14D-3/DV8	TRAJ23	0.002951303
CAASAPNTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.002951303
CAASEDTGNYKYVFF	TRAV14D-3/DV8	TRAJ40	0.002951303
CAASGSLTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.002951303
CAASNGNEKITFF	TRAV14D-3/DV8	TRAJ48	0.002951303
CAATIASSFSKLVFF	TRAV14D-3/DV8	TRAJ50	0.002951303
CAAESENSNNRIFF	TRAV14-2	TRAJ31	0.002705362
CAAESENSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.002705362
CAAFNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.002705362
CAAKGNSNNRIFF	TRAV14-2	TRAJ31	0.002705362
CAAKYNQKLIFF	TRAV14D-3/DV8	TRAJ23	0.002705362
CAANVGDNSKLIWF	TRAV14-2	TRAJ38	0.002705362
CAARAGDSNYQLIWF	TRAV14-2	TRAJ33	0.002705362
CAARGGNEKITFF	TRAV14-2	TRAJ48	0.002705362
CAARGGNEKITFF	TRAV14D-3/DV8	TRAJ48	0.002705362
CAASAASSFSKLVFF	TRAV14D-3/DV8	TRAJ50	0.002705362
CAASAGDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.002705362
CAASAGRSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.002705362
CAASDTNTGKLTFF	TRAV14D-3/DV8	TRAJ27	0.002705362
CAASNGSGGKLTFF	TRAV14D-3/DV8	TRAJ44	0.002705362
CAATEGADRLTF	TRAV14-1	TRAJ45	0.002705362
CAGFNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.002705362
CAAKYQGGRALIF	TRAV14-1	TRAJ15	0.00245942
CAALNVGDNSKLIWF	TRAV14-1	TRAJ38	0.00245942
CAANTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00245942
CAANTGNYKYVFF	TRAV14D-3/DV8	TRAJ40	0.00245942
CAARGNSNNRIFF	TRAV14-2	TRAJ31	0.00245942
CAARKAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00245942
CAARPSGSWQLIFF	TRAV14D-3/DV8	TRAJ22	0.00245942
CAASARTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00245942
CAASDTNTGKLTFF	TRAV14-2	TRAJ27	0.00245942
CAASNVGDNSKLIWF	TRAV14-2	TRAJ38	0.00245942
CAASPTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.00245942
CAASRETGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.00245942
CAASVGGSSNAKLTFF	TRAV14-2	TRAJ42	0.00245942
CAAGTYQNFYFF	TRAV14D-3/DV8	TRAJ49	0.002213478
CAAKDDNQKLIFF	TRAV14D-3/DV8	TRAJ23	0.002213478
CAANTEGADRLTF	TRAV14-2	TRAJ45	0.002213478
CAARATSSGQKLVFF	TRAV14-2	TRAJ16	0.002213478
CAARGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.002213478
CAASAQQGTGSKLSFF	TRAV14D-3/DV8	TRAJ58	0.002213478
CAASEGNYKYVFF	TRAV14D-3/DV8	TRAJ40	0.002213478

Triple Low Tregs Replicate 1

	IMGT nomenclature		
CAASSASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00234192
CAASWRGASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00234192
CAASYTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.00234192
CAVSMKAGGYKVV	TRAV7-1	TRAJ12	0.00234192
CAAFNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00200736
CAAFYNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00200736
CAAGDTNAYKVF	TRAV14D-3/DV8	TRAJ30	0.00200736
CAAGTGYNFYF	TRAV14D-3/DV8	TRAJ49	0.00200736
CAAVTNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00200736
CAAKGMGYKLT	TRAV14D-3/DV8	TRAJ9	0.00200736
CAAKGNSNRRIF	TRAV14-1	TRAJ31	0.00200736
CAANVGDNSKLIW	TRAV14-2	TRAJ38	0.00200736
CAARGDTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.00200736
CAARGTNAYKVF	TRAV14-2	TRAJ30	0.00200736
CAARGVTGSGGKLT	TRAV14-2	TRAJ44	0.00200736
CAARGVWTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.00200736
CAARNNYAQGLT	TRAV14-1	TRAJ26	0.00200736
CAARPNTGKLT	TRAV14D-3/DV8	TRAJ27	0.00200736
CAARRGGSGGKLT	TRAV14-2	TRAJ44	0.00200736
CAASAGGNYQLIW	TRAV14-2	TRAJ33	0.00200736
CAASAGNYNQGLIF	TRAV14-1	TRAJ23	0.00200736
CAASAGQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00200736
CAASAITNAYKVF	TRAV14D-3/DV8	TRAJ30	0.00200736
CAASAQDSNNRLL	TRAV14-1	TRAJ7	0.00200736
CAASARNRRIF	TRAV14D-3/DV8	TRAJ31	0.00200736
CAASASGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.00200736
CAASATGRNAPRF	TRAV14D-3/DV8	TRAJ43	0.00200736
CAASDDYNQGLIF	TRAV14D-3/DV8	TRAJ23	0.00200736
CAASDENNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00200736
CAASDPQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00200736
CAASDSGGSNAKLT	TRAV14D-3/DV8	TRAJ42	0.00200736
CAASDVGDNKLIW	TRAV14D-3/DV8	TRAJ38	0.00200736
CAASEDSNRRIF	TRAV14-2	TRAJ31	0.00200736
CAASEGNSNRRIF	TRAV14-2	TRAJ31	0.00200736
CAASESNRRIF	TRAV14D-3/DV8	TRAJ31	0.00200736
CAASETNMGYKLT	TRAV14-2	TRAJ9	0.00200736
CAASGGNNAGAKLTF	TRAV14D-1	TRAJ39	0.00200736
CAASGRGSNTNKVV	TRAV14D-3/DV8	TRAJ34	0.00200736
CAASKSGSGGKLT	TRAV14-2	TRAJ44	0.00200736
CAASKSNYQLIW	TRAV14-2	TRAJ33	0.00200736
CAASLRNSNRRIF	TRAV14D-3/DV8	TRAJ31	0.00200736
CAASNVDNSKLIW	TRAV14-1	TRAJ38	0.00200736
CAASPVNTGNYKYVF	TRAV14-2	TRAJ40	0.00200736
CAASREGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00200736
CAASRTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00200736
CAASTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00200736
CAASVGGSNKLT	TRAV14-2	TRAJ42	0.00200736
CAASVRGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00200736
CAASVTSGGNYKPTF	TRAV14-1	TRAJ6	0.00200736
CAASVVDNSKLIW	TRAV14-1	TRAJ38	0.00200736
CAASVVDNSKLIW	TRAV14-2	TRAJ38	0.00200736
CAASVYNQGLIF	TRAV14D-3/DV8	TRAJ23	0.00200736
CAATSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.00200736
CAAWNYNQGLIF	TRAV14-2	TRAJ23	0.00200736
CAAYNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00200736

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	IMGT nomenclature		
CAASKAGSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.002213478
CAASRGNTGNYKYVF	TRAV14-2	TRAJ40	0.002213478
CAASVGYQGGRALIF	TRAV14D-1	TRAJ15	0.002213478
CAASVNNNNAPRF	TRAV14-2	TRAJ43	0.002213478
CAAVGNTGADRLTF	TRAV14-2	TRAJ45	0.002213478
CAVHGSNRRIF	TRAV14D-3/DV8	TRAJ31	0.002213478
CAAGDVGDNKLIW	TRAV14-2	TRAJ38	0.001967536
CAAGTGYNFYF	TRAV14-2	TRAJ49	0.001967536
CAAKEGRTNAYKVF	TRAV14D-3/DV8	TRAJ30	0.001967536
CAALQQTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001967536
CAARANNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001967536
CAARATSSGKLVF	TRAV14D-3/DV8	TRAJ16	0.001967536
CAARFITGNTGKLI	TRAV14-2	TRAJ37	0.001967536
CAARGWQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001967536
CAARKAEGADRLTF	TRAV14-2	TRAJ45	0.001967536
CAARPLNQGSKLI	TRAV14D-3/DV8	TRAJ57	0.001967536
CAARTGYNFYF	TRAV14D-3/DV8	TRAJ49	0.001967536
CAASAGGNSNRRIF	TRAV14D-3/DV8	TRAJ31	0.001967536
CAASAGSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.001967536
CAASAQGGGNYKLT	TRAV14D-3/DV8	TRAJ53	0.001967536
CAASDDYNQGLIF	TRAV14-2	TRAJ23	0.001967536
CAASDNNNAPRF	TRAV14-2	TRAJ43	0.001967536
CAASDNTGKLT	TRAV14-1	TRAJ27	0.001967536
CAASEASSGKLVF	TRAV14D-3/DV8	TRAJ16	0.001967536
CAASEGNEKITF	TRAV14D-3/DV8	TRAJ48	0.001967536
CAASGDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.001967536
CAASGGAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001967536
CAASKDTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.001967536
CAASLGYNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.001967536
CAASLRNSNRRIF	TRAV14D-3/DV8	TRAJ31	0.001967536
CAASNGSGGKLT	TRAV14-2	TRAJ44	0.001967536
CAASPSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.001967536
CAASREGGADRLTF	TRAV14-2	TRAJ45	0.001967536
CAASRGNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001967536
CAASRQGGRALIF	TRAV14-2	TRAJ15	0.001967536
CAASRQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.001967536
CAASRTGNYKYVF	TRAV14D-1	TRAJ40	0.001967536
CAASTYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.001967536
CAATEGADRLTF	TRAV14-2	TRAJ45	0.001967536
CAGNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001967536
CAAGQSGGKLT	TRAV14D-3/DV8	TRAJ44	0.001721594
CAAHTGNYKYVF	TRAV14-2	TRAJ40	0.001721594
CAAIITNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001721594
CAAITLTGANTGKLT	TRAV14-2	TRAJ52	0.001721594
CAAMGGDNKLIW	TRAV14D-3/DV8	TRAJ38	0.001721594
CAANVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001721594
CAARPGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.001721594
CAARRRRTNAYKVF	TRAV14D-3/DV8	TRAJ30	0.001721594
CAARSNNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.001721594
CAARTSSGKLVF	TRAV14D-3/DV8	TRAJ16	0.001721594
CAASAANTGNYKYVF	TRAV14-2	TRAJ40	0.001721594
CAASAGNYNQGLIF	TRAV14D-3/DV8	TRAJ23	0.001721594
CAASALAGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.001721594
CAASAPNTGYNFYF	TRAV14D-3/DV8	TRAJ49	0.001721594
CAASARGNRRIF	TRAV14D-3/DV8	TRAJ31	0.001721594

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	IMGT nomenclature		
CARRTGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00200736
CAVHGSNNRIFF	TRAV14-1	TRAJ31	0.00200736
CAAALKGADRLTF	TRAV14-2	TRAJ45	0.0016728
CAAANYGNEKITF	TRAV14-2	TRAJ48	0.0016728
CAAGAGYQNFYF	TRAV14-2	TRAJ49	0.0016728
CAAGASSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.0016728
CAAGKALYF	TRAV14D-3/DV8	TRAJ21	0.0016728
CAAGTSGSQWLIF	TRAV14D-3/DV8	TRAJ22	0.0016728
CAIDNINNAPRF	TRAV14D-3/DV8	TRAJ43	0.0016728
CAAIGASGGNYKPTF	TRAV14-1	TRAJ6	0.0016728
CAAKDGSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.0016728
CAAMATGGNNKLT	TRAV14-2	TRAJ56	0.0016728
CAAMGTQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.0016728
CAARANNNAPRF	TRAV14-2	TRAJ43	0.0016728
CAARANTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.0016728
CAARDYSSGNKLI	TRAV14D-3/DV8	TRAJ32	0.0016728
CAARPSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.0016728
CAARQNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.0016728
CAARRPMSNYNVLYF	TRAV14-2	TRAJ21	0.0016728
CAARRSGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.0016728
CAARSNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.0016728
CAARTNTNTGKLT	TRAV14-2	TRAJ27	0.0016728
CAARVLNQGSKLI	TRAV14D-3/DV8	TRAJ57	0.0016728
CAARYITGNTKLI	TRAV14D-3/DV8	TRAJ37	0.0016728
CAASAETGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.0016728
CAASAGGSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.0016728
CAASAGNNAPRF	TRAV14D-3/DV8	TRAJ43	0.0016728
CAASAGYSNNRRTL	TRAV14D-3/DV8	TRAJ7	0.0016728
CAASAKGNEKITF	TRAV14D-3/DV8	TRAJ48	0.0016728
CAASAMNYNQKLI	TRAV14-1	TRAJ23	0.0016728
CAASANTEGADRLTF	TRAV14-1	TRAJ45	0.0016728
CAASAPGGNYKPTF	TRAV14-1	TRAJ6	0.0016728
CAASAQTVVGGQLTF	TRAV14D-3/DV8	TRAJ5	0.0016728
CAASASGGNYKPTF	TRAV14-1	TRAJ6	0.0016728
CAASATSSGQKLVF	TRAV14-1	TRAJ16	0.0016728
CAASDGNEKITF	TRAV14D-3/DV8	TRAJ48	0.0016728
CAASEDNAGAKLTF	TRAV14-2	TRAJ39	0.0016728
CAASEKNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.0016728
CAASETGNKLT	TRAV14D-3/DV8	TRAJ17	0.0016728
CAASFGNNAPRF	TRAV14-2	TRAJ43	0.0016728
CAASFPNRRNNAPRF	TRAV14D-3/DV8	TRAJ43	0.0016728
CAASGGSGGNYKPTF	TRAV14-2	TRAJ6	0.0016728
CAASGRGAKLTF	TRAV14-2	TRAJ39	0.0016728
CAASGSNYNQKLI	TRAV14-2	TRAJ23	0.0016728
CAASIRNSNRIFF	TRAV14D-3/DV8	TRAJ31	0.0016728
CAASKHMGYKLT	TRAV14-1	TRAJ9	0.0016728
CAASLGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.0016728
CAASNGSGGKLT	TRAV14-2	TRAJ44	0.0016728
CAASNGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.0016728
CAASNVDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.0016728
CAASPSGSQWLIF	TRAV14D-3/DV8	TRAJ22	0.0016728
CAASRAGNTGKLI	TRAV14D-3/DV8	TRAJ37	0.0016728
CAASRDNNAGAKLTF	TRAV14-2	TRAJ39	0.0016728
CAASRDGTANTGKLT	TRAV14-2	TRAJ52	0.0016728
CAASREGGADRLTF	TRAV14-2	TRAJ45	0.0016728

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	IMGT nomenclature		
CAASASGGNYKPTF	TRAV14-1	TRAJ6	0.001721594
CAASATASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001721594
CAASDDYNQKLI	TRAV14D-3/DV8	TRAJ23	0.001721594
CAASEGSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001721594
CAASEGTGSKLSF	TRAV14-2	TRAJ58	0.001721594
CAASGNEKITF	TRAV14D-3/DV8	TRAJ48	0.001721594
CAASGRDNNRRTL	TRAV14D-3/DV8	TRAJ7	0.001721594
CAASGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001721594
CAASLGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.001721594
CAASPTGGNNKLT	TRAV14-2	TRAJ56	0.001721594
CAASVNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001721594
CAASVTNTGKLT	TRAV14D-3/DV8	TRAJ27	0.001721594
CAASVTSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.001721594
CAASVVDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001721594
CAAALGGADRLTF	TRAV14-2	TRAJ45	0.001475652
CAADTGNKYVVF	TRAV14-2	TRAJ40	0.001475652
CAAESGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.001475652
CAAGDVGDNKLIW	TRAV14D-3/DV8	TRAJ38	0.001475652
CAAKDSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001475652
CAAKGNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001475652
CAAKGNSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001475652
CAAKTSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.001475652
CAALNVGDNSKLIW	TRAV14-2	TRAJ38	0.001475652
CAALTGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001475652
CAAMATGGNNKLT	TRAV14-2	TRAJ56	0.001475652
CAAMGSNNRIFF	TRAV14-2	TRAJ31	0.001475652
CAANLASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001475652
CAAREVDSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.001475652
CAARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.001475652
CAARGVTGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.001475652
CAARNNYAQLTF	TRAV14-1	TRAJ26	0.001475652
CAARRWNNNNAPRF	TRAV14-2	TRAJ43	0.001475652
CAARSNNAGAKLTF	TRAV14-2	TRAJ39	0.001475652
CAARTVTGSGGKLT	TRAV14-2	TRAJ44	0.001475652
CAASADSNRIFF	TRAV14-1	TRAJ31	0.001475652
CAASAGNYNQKLI	TRAV14-2	TRAJ23	0.001475652
CAASAGSNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.001475652
CAASAKSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001475652
CAASAMNYNQKLI	TRAV14-2	TRAJ23	0.001475652
CAASAQDSNNRRTL	TRAV14-1	TRAJ7	0.001475652
CAASAQTFASALTF	TRAV14D-3/DV8	TRAJ35	0.001475652
CAASARNTGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.001475652
CAASAVGGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.001475652
CAASAVSSNMGYKLT	TRAV14-2	TRAJ9	0.001475652
CAASDTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.001475652
CAASESGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.001475652
CAASETGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.001475652
CAASGNEKITF	TRAV14-2	TRAJ48	0.001475652
CAASGRGSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.001475652
CAASIRNSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001475652
CAASKEGGRALIF	TRAV14-2	TRAJ15	0.001475652
CAASKTGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.001475652
CAASPVNNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.001475652
CAASRGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001475652
CAASRTGGYKVVVF	TRAV14-2	TRAJ12	0.001475652

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	IMGT nomenclature		
CAASRTGNYKYVF	TRAV14D-1	TRAJ40	0.0016728
CAASVQGGRALIF	TRAV14D-1	TRAJ15	0.0016728
CAASVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.0016728
CAASWRGASSFSKLVF	TRAV14-2	TRAJ50	0.0016728
CAASWRGASSFSKLVF	TRAV14D-1	TRAJ50	0.0016728
CAATNSNNRIFF	TRAV14-1	TRAJ31	0.0016728
CAAWVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.0016728
CAAYNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.0016728
CAGMQQTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.0016728
CAVHGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.0016728
CAADTGNKYKYVF	TRAV14-2	TRAJ40	0.00133824
CAAENSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00133824
CAAGAGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.00133824
CAAGASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00133824
CAAGGATGGNNKLTf	TRAV14-2	TRAJ56	0.00133824
CAAGNSGTYQRF	TRAV14D-3/DV8	TRAJ13	0.00133824
CAAGTGYQNFYF	TRAV14-2	TRAJ49	0.00133824
CAAIGNTEGADRLTF	TRAV14-1	TRAJ45	0.00133824
CAAITSSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00133824
CAAKEDNQKGLIF	TRAV14-2	TRAJ23	0.00133824
CAAKGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00133824
CAAKRSEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00133824
CAAKQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00133824
CAAKTSGGNYKPTF	TRAV14-2	TRAJ6	0.00133824
CAALPRGYQNFYF	TRAV14-2	TRAJ49	0.00133824
CAALQQTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00133824
CAALRGSNNRIFF	TRAV14-2	TRAJ31	0.00133824
CAAMGSNNRIFF	TRAV14-2	TRAJ31	0.00133824
CAANTEGADRLTF	TRAV14-1	TRAJ45	0.00133824
CAAPSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.00133824
CAARASNMGYKLTf	TRAV14D-3/DV8	TRAJ9	0.00133824
CAAREDYSNNRRTL	TRAV14D-3/DV8	TRAJ7	0.00133824
CAARGESNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00133824
CAARGSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00133824
CAARGLENNKLTf	TRAV14D-3/DV8	TRAJ56	0.00133824
CAARGNSNNRIFF	TRAV14-2	TRAJ31	0.00133824
CAARGNYNVLYF	TRAV14-2	TRAJ21	0.00133824
CAARINSAGNKLTf	TRAV14D-3/DV8	TRAJ17	0.00133824
CAARPLTGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.00133824
CAARRGNEKITf	TRAV14D-3/DV8	TRAJ48	0.00133824
CAARVSGSFNKLTf	TRAV14-2	TRAJ4	0.00133824
CAASAASSGQKLVF	TRAV14-2	TRAJ16	0.00133824
CAASADHTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00133824
CAASADSNNRIFF	TRAV14D-1	TRAJ31	0.00133824
CAASAFGGNEKITf	TRAV14D-3/DV8	TRAJ48	0.00133824
CAASAGGGRALIF	TRAV14D-1	TRAJ15	0.00133824
CAASAGNSNNRIFF	TRAV14D-1	TRAJ31	0.00133824
CAASAGYSSGNKLIFF	TRAV14D-3/DV8	TRAJ32	0.00133824
CAASAKSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00133824
CAASALGYNQKLIFF	TRAV14D-3/DV8	TRAJ23	0.00133824
CAASAPGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.00133824
CAASAQEGRALIF	TRAV14-1	TRAJ15	0.00133824
CAASARWQQTGSKLSF	TRAV14-2	TRAJ58	0.00133824
CAASASNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00133824
CAASATSSGQKLVF	TRAV14-2	TRAJ16	0.00133824

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	IMGT nomenclature		
CAASRTNSAGNKLTf	TRAV14D-3/DV8	TRAJ17	0.001475652
CAASSANVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001475652
CAASVANTGKLTf	TRAV14-2	TRAJ27	0.001475652
CAASVGSNTNKVVf	TRAV14-2	TRAJ34	0.001475652
CAATEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001475652
CAGSSNTNKVVf	TRAV14-2	TRAJ34	0.001475652
CAGTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001475652
CEAGTASLGKLF	TRAV14-2	TRAJ24	0.001475652
CAAAGGNKLTf	TRAV14-2	TRAJ56	0.00122971
CAADGAGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.00122971
CAAESSSNTNKVVf	TRAV14D-3/DV8	TRAJ34	0.00122971
CAAFVNVGDNSKLIW	TRAV14-1	TRAJ38	0.00122971
CAAHNTNTGKLTf	TRAV14-2	TRAJ27	0.00122971
CAAIESNTNKVVf	TRAV14-2	TRAJ34	0.00122971
CAAIVTNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00122971
CAAKDNAGAKLTf	TRAV14-2	TRAJ39	0.00122971
CAAKEGRTNAYKVIF	TRAV14-1	TRAJ30	0.00122971
CAAKGLGGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.00122971
CAAKGMGYKLTf	TRAV14D-3/DV8	TRAJ9	0.00122971
CAAKRSEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00122971
CAAKTGNKYKYVF	TRAV14D-3/DV8	TRAJ40	0.00122971
CAAKTSGGNYKPTF	TRAV14-2	TRAJ6	0.00122971
CAAMGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00122971
CAARAGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00122971
CAARAGDSNYQLIWF	TRAV14D-3/DV8	TRAJ33	0.00122971
CAARETGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.00122971
CAARGSGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00122971
CAARGTNAYKVIF	TRAV14-2	TRAJ30	0.00122971
CAARPGGSNAKLTf	TRAV14D-3/DV8	TRAJ42	0.00122971
CAARRGDSNYQLIWF	TRAV14-2	TRAJ33	0.00122971
CAARRGGSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.00122971
CAARRTGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.00122971
CAARTGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.00122971
CAARTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.00122971
CAARYITGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.00122971
CAASADSNNRIFF	TRAV14D-1	TRAJ31	0.00122971
CAASADTGNKYKYVF	TRAV14D-3/DV8	TRAJ40	0.00122971
CAASAGGSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.00122971
CAASAGSNNRRTL	TRAV14-2	TRAJ7	0.00122971
CAASAGSGGNYKPTF	TRAV14-2	TRAJ6	0.00122971
CAASALGSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.00122971
CAASAPGGNYKPTF	TRAV14-1	TRAJ6	0.00122971
CAASAQDSNNRRTL	TRAV14-2	TRAJ7	0.00122971
CAASATGGNNKLTf	TRAV14-2	TRAJ56	0.00122971
CAASAVSSNMGYKLTf	TRAV14D-3/DV8	TRAJ9	0.00122971
CAASDDSNRIFF	TRAV14-2	TRAJ31	0.00122971
CAASDDSNRIFF	TRAV14D-3/DV8	TRAJ31	0.00122971
CAASDENNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00122971
CAASDGTGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.00122971
CAASDPGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.00122971
CAASDRSNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.00122971
CAASDTGANTGKLTf	TRAV14-2	TRAJ52	0.00122971
CAASEDNAGAKLTf	TRAV14-2	TRAJ39	0.00122971
CAASEEGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00122971
CAASEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00122971

Triple Low Tregs Replicate 1

	IMGT nomenclature		
CAASATYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00133824
CAASDASSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.00133824
CAASDGGSSNAKLTF	TRAV14-2	TRAJ42	0.00133824
CAASDYSGGSNAKLTF	TRAV14-2	TRAJ42	0.00133824
CAASEAENNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00133824
CAASEDNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00133824
CAASEDNNNAPRF	TRAV14-2	TRAJ43	0.00133824
CAASEDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00133824
CAASEDTNAYKVI	TRAV14-1	TRAJ30	0.00133824
CAASEGANTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.00133824
CAASEGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00133824
CAASEGGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.00133824
CAASEMSNYNVL	TRAV14D-3/DV8	TRAJ21	0.00133824
CAASERNSNNRIFF	TRAV14-1	TRAJ31	0.00133824
CAASERNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00133824
CAASETNMGYKLT	TRAV14-1	TRAJ9	0.00133824
CAASEVSSAGNKLT	TRAV14D-3/DV8	TRAJ17	0.00133824
CAASFTGSWQLIF	TRAV14-2	TRAJ22	0.00133824
CAASGDNNNAPRF	TRAV14-2	TRAJ43	0.00133824
CAASGGSSGNKLT	TRAV14D-3/DV8	TRAJ32	0.00133824
CAASGGSTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.00133824
CAASGKGGRALIF	TRAV14-2	TRAJ15	0.00133824
CAASGSNNRIFF	TRAV14-1	TRAJ31	0.00133824
CAASINNGNAPRF	TRAV14D-3/DV8	TRAJ43	0.00133824
CAASIYSNNRIFF	TRAV14-2	TRAJ31	0.00133824
CAASKATSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00133824
CAASKENNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00133824
CAASKHMGYKLT	TRAV14D-3/DV8	TRAJ9	0.00133824
CAASLRNSNNRIFF	TRAV14-2	TRAJ31	0.00133824
CAASPGGNNKLT	TRAV14-1	TRAJ56	0.00133824
CAASRAEGADRLTF	TRAV14-2	TRAJ45	0.00133824
CAASRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00133824
CAASRAGSSGNKLT	TRAV14D-3/DV8	TRAJ32	0.00133824
CAASRGGNEKITF	TRAV14D-3/DV8	TRAJ48	0.00133824
CAASRGNNSNNRIFF	TRAV14-2	TRAJ31	0.00133824
CAASRGNNSNNRIFF	TRAV14-3	TRAJ31	0.00133824
CAASRQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00133824
CAASRRNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00133824
CAASRSGGNYKPTF	TRAV14-2	TRAJ6	0.00133824
CAASVGSNAKLTF	TRAV14-1	TRAJ42	0.00133824
CAASVKAGLQQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00133824
CAASVKGNEKITF	TRAV14D-3/DV8	TRAJ48	0.00133824
CAASVKNNAGAKLTF	TRAV14-3	TRAJ39	0.00133824
CAASVLDTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.00133824
CAASVSGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.00133824
CAASVYNQKLT	TRAV14-2	TRAJ23	0.00133824
CAASWAGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.00133824
CAATNSNNRIFF	TRAV14-2	TRAJ31	0.00133824
CAATSASSGSWQLIF	TRAV14-2	TRAJ22	0.00133824
CAAVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00133824
CAGFNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00133824
CAGFTGSGGKLT	TRAV14-2	TRAJ44	0.00133824
CAPATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00133824
CAVHGSNNRIFF	TRAV14-2	TRAJ31	0.00133824
CAAATGYQNFYF	TRAV14-2	TRAJ49	0.00100368

Triple Low Tregs Replicate 2

	IMGT nomenclature		
CAASEGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00122971
CAASEGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00122971
CAASEGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00122971
CAASEGYGSSGNKLT	TRAV14D-3/DV8	TRAJ32	0.00122971
CAASETGSGGKLT	TRAV14-2	TRAJ44	0.00122971
CAASETSSFSKLVF	TRAV14-2	TRAJ50	0.00122971
CAASGDQGGRALIF	TRAV14-2	TRAJ15	0.00122971
CAASGDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00122971
CAASGGNNAGAKLTF	TRAV14D-1	TRAJ39	0.00122971
CAASGRGNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00122971
CAASGSNNRIFF	TRAV14-2	TRAJ31	0.00122971
CAASIRNSNNRIFF	TRAV14-2	TRAJ31	0.00122971
CAASKEGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00122971
CAASKGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00122971
CAASNNNNAPRF	TRAV14-2	TRAJ43	0.00122971
CAASPFNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00122971
CAASPRNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00122971
CAASRANTNKVVF	TRAV14D-3/DV8	TRAJ34	0.00122971
CAASRDGTANTGKLT	TRAV14D-3/DV8	TRAJ52	0.00122971
CAASRGDSGTQRF	TRAV14-2	TRAJ13	0.00122971
CAASRTNSAGNKLT	TRAV14-2	TRAJ17	0.00122971
CAASSTGGNNKLT	TRAV14-2	TRAJ56	0.00122971
CAASVGANTNKVVF	TRAV14D-3/DV8	TRAJ34	0.00122971
CAASVVDNSKLIW	TRAV14-2	TRAJ38	0.00122971
CAATIASSFSKLVF	TRAV14-1	TRAJ50	0.00122971
CAATSNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00122971
CAATSNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.00122971
CAAWGDQKLT	TRAV14-2	TRAJ23	0.00122971
CAGMQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00122971
CATGPANTNKVVF	TRAV14D-3/DV8	TRAJ34	0.00122971
CAVNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00122971
CAAANYGNEKITF	TRAV14-2	TRAJ48	0.000983768
CAADTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000983768
CAAQYSSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000983768
CAAGDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000983768
CAAGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.000983768
CAAGVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000983768
CAAINNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000983768
CAAINVGDNSKLIW	TRAV14-1	TRAJ38	0.000983768
CAAINVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000983768
CAAIQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000983768
CAAITLTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000983768
CAAKEDNQKLT	TRAV14D-3/DV8	TRAJ23	0.000983768
CAAKGTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000983768
CAAKPSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.000983768
CAAKWDNTNKVVF	TRAV14-2	TRAJ34	0.000983768
CAALATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000983768
CAAMGGDNSKLIW	TRAV14-2	TRAJ38	0.000983768
CAAMGTQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000983768
CAANARGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000983768
CAANDRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000983768
CAANWITGNTGKLT	TRAV14D-3/DV8	TRAJ37	0.000983768
CAAQSMNYNQKLT	TRAV14D-3/DV8	TRAJ23	0.000983768
CAARALSNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000983768
CAARANTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000983768

Triple Low Tregs Replicate 1

	IMGT nomenclature		
CAAEGNNAPRF	TRAV14-2	TRAJ43	0.00100368
CAAETNSAGNKLTF	TRAV14-1	TRAJ17	0.00100368
CAAGASSGQKLVF	TRAV14-2	TRAJ16	0.00100368
CAAGFTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.00100368
CAAGKALYF	TRAV14-1	TRAJ21	0.00100368
CAAGKALYF	TRAV14-2	TRAJ21	0.00100368
CAAGNSGTYQRF	TRAV14-2	TRAJ13	0.00100368
CAAHTGNKYVVF	TRAV14-2	TRAJ40	0.00100368
CAAIGNTEGADRLTF	TRAV14D-1	TRAJ45	0.00100368
CAAIGVDNSKLIW	TRAV14-1	TRAJ38	0.00100368
CAAILRNSNRIFF	TRAV14-2	TRAJ31	0.00100368
CAAIPIYRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.00100368
CAAITLATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.00100368
CAAKDNNAGAKLTf	TRAV14-2	TRAJ39	0.00100368
CAAKEDNQGKLIFF	TRAV14D-3/DV8	TRAJ23	0.00100368
CAAKEGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.00100368
CAAKGNSNRIFF	TRAV14-2	TRAJ31	0.00100368
CAAKGSAGNKLTf	TRAV14-2	TRAJ17	0.00100368
CAAKRSGSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.00100368
CAAKVYSNRIFF	TRAV14D-3/DV8	TRAJ31	0.00100368
CAALMDSNRIFF	TRAV14D-3/DV8	TRAJ31	0.00100368
CAALTGSNRIFF	TRAV14-2	TRAJ31	0.00100368
CAAMATGGTNKLTf	TRAV14D-3/DV8	TRAJ56	0.00100368
CAAMSSNRIFF	TRAV14D-3/DV8	TRAJ31	0.00100368
CAANVGDNSKLIW	TRAV14-3	TRAJ38	0.00100368
CAANYNQKLIFF	TRAV14D-3/DV8	TRAJ23	0.00100368
CAAPNYGNEKITf	TRAV14D-3/DV8	TRAJ48	0.00100368
CAAPSSNTNKVVF	TRAV14-1	TRAJ34	0.00100368
CAAPSSNTNTVVF	TRAV14-2	TRAJ34	0.00100368
CAAQLTSGGNYKPTf	TRAV14-2	TRAJ6	0.00100368
CAARANNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00100368
CAARASNMGYKLTf	TRAV14-2	TRAJ9	0.00100368
CAARDNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00100368
CAARDNYAQGLTf	TRAV14D-3/DV8	TRAJ26	0.00100368
CAAREVTGSGGKLTf	TRAV14-2	TRAJ44	0.00100368
CAARGDTGANTGKLTf	TRAV14-2	TRAJ52	0.00100368
CAARGDNTGKLTf	TRAV14D-3/DV8	TRAJ27	0.00100368
CAARGKNTGNYKYVVF	TRAV14-2	TRAJ40	0.00100368
CAARGNSNRIFF	TRAV14-1	TRAJ31	0.00100368
CAARGSALGRLHF	TRAV14-1	TRAJ18	0.00100368
CAARGTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.00100368
CAARGWQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00100368
CAARGWVTGSGGKLTf	TRAV14-2	TRAJ44	0.00100368
CAARNNNAPRF	TRAV14-2	TRAJ43	0.00100368
CAARNNYAQGLPF	TRAV14-2	TRAJ26	0.00100368
CAARPAGSGGKLTf	TRAV14-1	TRAJ44	0.00100368
CAARPAGSGGKLTf	TRAV14-2	TRAJ44	0.00100368
CAARPASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00100368
CAARPGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.00100368
CAARPGNTGKLIFF	TRAV14-2	TRAJ37	0.00100368
CAARPNISGYNKLTf	TRAV14D-3/DV8	TRAJ11	0.00100368
CAARPRNTGNYKYVVF	TRAV14D-3/DV8	TRAJ40	0.00100368
CAARPSNTGNYKYVVF	TRAV14D-3/DV8	TRAJ40	0.00100368
CAARPVNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.00100368
CAARRNNNTAPRF	TRAV14-2	TRAJ43	0.00100368

Triple Low Tregs Replicate 2

	IMGT nomenclature		
CAARATGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.000983768
CAARDNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000983768
CAARGQQTGSGKLSF	TRAV14-1	TRAJ58	0.000983768
CAARGQQTGSGKLSF	TRAV14D-3/DV8	TRAJ58	0.000983768
CAARGSALGRLHF	TRAV14-2	TRAJ18	0.000983768
CAARNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000983768
CAARNNYAQGLTf	TRAV14D-1	TRAJ26	0.000983768
CAARPGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.000983768
CAARPGTGSNRLTf	TRAV14-2	TRAJ28	0.000983768
CAARPSGKLIFF	TRAV14D-3/DV8	TRAJ32	0.000983768
CAARRDNNAGAKLTf	TRAV14-1	TRAJ39	0.000983768
CAARRGGSGGKLTf	TRAV14-2	TRAJ44	0.000983768
CAARSAQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000983768
CAARTVTGSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.000983768
CAASAATGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.000983768
CAASAEGSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.000983768
CAASAGGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.000983768
CAASAGGNYKPTf	TRAV14D-3/DV8	TRAJ6	0.000983768
CAASAGGNYQLIWF	TRAV14-2	TRAJ33	0.000983768
CAASAGNYKPTf	TRAV14D-3/DV8	TRAJ6	0.000983768
CAASAGYSSGKLIFF	TRAV14D-3/DV8	TRAJ32	0.000983768
CAASAGYSNNRLTf	TRAV14D-3/DV8	TRAJ7	0.000983768
CAASAITNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.000983768
CAASALGSGGKLTf	TRAV14D-1	TRAJ44	0.000983768
CAASAMGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000983768
CAASANTGNYKYVVF	TRAV14-1	TRAJ40	0.000983768
CAASAPGGNYKPTf	TRAV14-2	TRAJ6	0.000983768
CAASAPGSGGKLTf	TRAV14D-3/DV8	TRAJ44	0.000983768
CAASAQQGTGSGKLSF	TRAV14-2	TRAJ58	0.000983768
CAASARGNRIFF	TRAV14-2	TRAJ31	0.000983768
CAASARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.000983768
CAASARNNYAQGLTf	TRAV14-2	TRAJ26	0.000983768
CAASATSSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.000983768
CAASDGGNYKYVVF	TRAV14-2	TRAJ40	0.000983768
CAASDNEKITf	TRAV14D-3/DV8	TRAJ48	0.000983768
CAASDSSGKLIFF	TRAV14D-3/DV8	TRAJ32	0.000983768
CAASDYSGGSSNAKLTf	TRAV14-2	TRAJ42	0.000983768
CAASEAAGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.000983768
CAASEATGNTGKLIFF	TRAV14D-3/DV8	TRAJ37	0.000983768
CAASEGTGSKLSF	TRAV14-2	TRAJ58	0.000983768
CAASEGANTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000983768
CAASEGGADRLTf	TRAV14D-3/DV8	TRAJ45	0.000983768
CAASEGGSSNYKLTf	TRAV14D-3/DV8	TRAJ53	0.000983768
CAASEGNKLTf	TRAV14D-3/DV8	TRAJ56	0.000983768
CAASEGNRIFF	TRAV14-2	TRAJ31	0.000983768
CAASEGYIGGSSNAKLTf	TRAV14D-3/DV8	TRAJ42	0.000983768
CAASEMNYGSSGKLIFF	TRAV14D-3/DV8	TRAJ32	0.000983768
CAASERNNRIFF	TRAV14-1	TRAJ31	0.000983768
CAASERNNRIFF	TRAV14-2	TRAJ31	0.000983768
CAASERNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000983768
CAASESGGSNYKLTf	TRAV14-2	TRAJ53	0.000983768
CAASETDQGGSAKLIFF	TRAV14D-3/DV8	TRAJ57	0.000983768
CAASETGSGGKLTf	TRAV14-1	TRAJ44	0.000983768
CAASGDSNRIFF	TRAV14-2	TRAJ31	0.000983768
CAASGRGPNTNKVVF	TRAV14-2	TRAJ34	0.000983768

Triple Low Tregs Replicate 1

	IMGT nomenclature		
CAARRRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.00100368
CAARSGGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00100368
CAARSIDNNAPRF	TRAV14-2	TRAJ43	0.00100368
CAARSNNAGAKLTF	TRAV14-2	TRAJ39	0.00100368
CAARTMNQGSAKLIF	TRAV14D-3/DV8	TRAJ57	0.00100368
CAARTSSTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.00100368
CAARVAGANTGKLIF	TRAV14D-3/DV8	TRAJ37	0.00100368
CAARYNNAPRF	TRAV14-2	TRAJ43	0.00100368
CAASAAAGSGGKTL	TRAV14D-3/DV8	TRAJ44	0.00100368
CAASAASGGNYKPTF	TRAV14-1	TRAJ6	0.00100368
CAASAASSFSKLVF	TRAV14-2	TRAJ50	0.00100368
CAASADAEGADRLTF	TRAV14-2	TRAJ45	0.00100368
CAASADEQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00100368
CAASADNNAPRF	TRAV14-2	TRAJ43	0.00100368
CAASAGDNQKGLIF	TRAV14-2	TRAJ23	0.00100368
CAASAGDSDGTYQRF	TRAV14-2	TRAJ13	0.00100368
CAASAGDSDGTYQRF	TRAV14D-3/DV8	TRAJ13	0.00100368
CAASAGGNTGKGLIF	TRAV14D-3/DV8	TRAJ37	0.00100368
CAASAGGGSNYKLTFF	TRAV14-2	TRAJ53	0.00100368
CAASAGGSNAKLTFF	TRAV14D-3/DV8	TRAJ42	0.00100368
CAASAGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.00100368
CAASAKGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00100368
CAASAKSNNRIFF	TRAV14-2	TRAJ31	0.00100368
CAASAMNYNQKGLIF	TRAV14-2	TRAJ23	0.00100368
CAASANTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.00100368
CAASAPGGNYKPTF	TRAV14-2	TRAJ6	0.00100368
CAASAQPGSGGKTL	TRAV14D-3/DV8	TRAJ44	0.00100368
CAASARDNYAQLGTLF	TRAV14D-3/DV8	TRAJ26	0.00100368
CAASARNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00100368
CAASARSNNRIFF	TRAV14D-1	TRAJ31	0.00100368
CAASARTGGYKVVFF	TRAV14-2	TRAJ12	0.00100368
CAASARTLSSSSFSKLVF	TRAV14-2	TRAJ50	0.00100368
CAASATGGNNKLTFF	TRAV14-2	TRAJ56	0.00100368
CAASATNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00100368
CAASATNSAGNKLTFF	TRAV14-2	TRAJ17	0.00100368
CAASDASSGSWQLIF	TRAV14-1	TRAJ22	0.00100368
CAASDDTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.00100368
CAASDGNNNAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.00100368
CAASDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00100368
CAASDVGDNKLIW	TRAV14-2	TRAJ38	0.00100368
CAASEAGGYKVVFF	TRAV14D-3/DV8	TRAJ12	0.00100368
CAASEAPGANTGKLTFF	TRAV14-2	TRAJ52	0.00100368
CAASEASGGNYKPTFF	TRAV14-2	TRAJ6	0.00100368
CAASEASGGNYKPTFF	TRAV14D-3/DV8	TRAJ6	0.00100368
CAASEDNTNKVVFF	TRAV14-2	TRAJ34	0.00100368
CAASEEGTGNTGKLTFF	TRAV14D-3/DV8	TRAJ37	0.00100368
CAASEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00100368
CAASEGGGRALIF	TRAV14-2	TRAJ15	0.00100368
CAASEGGNTGKLTFF	TRAV14-2	TRAJ37	0.00100368
CAASEGNMGYKLTFF	TRAV14-2	TRAJ9	0.00100368
CAASEGNRIFF	TRAV14D-3/DV8	TRAJ31	0.00100368
CAASESGTYQRF	TRAV14D-3/DV8	TRAJ13	0.00100368
CAASEGTGNTGKLTFF	TRAV14D-1	TRAJ37	0.00100368
CAASEGTTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.00100368
CAASEGYSSGNKLTFF	TRAV14D-3/DV8	TRAJ32	0.00100368

Triple Low Tregs Replicate 2

	IMGT nomenclature		
CAASGRGSNTNKVVFF	TRAV14-2	TRAJ34	0.000983768
CAASGSAGANTGKLTFF	TRAV14-2	TRAJ52	0.000983768
CAASGTDQGGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000983768
CAASHSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.000983768
CAASIGGSNAKLTFF	TRAV14D-3/DV8	TRAJ42	0.000983768
CAASKEGGGRALIF	TRAV14-1	TRAJ15	0.000983768
CAASKEGGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000983768
CAASLNNNAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.000983768
CAASLRNSNNRIFF	TRAV14-2	TRAJ31	0.000983768
CAASLTGSGGKTL	TRAV14D-3/DV8	TRAJ44	0.000983768
CAASNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000983768
CAASPRQQQLSPRF	TRAV14D-3/DV8	TRAJ43	0.000983768
CAASQGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000983768
CAASRGNNNAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.000983768
CAASRTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000983768
CAASSGGSSGNKLTFF	TRAV14D-3/DV8	TRAJ32	0.000983768
CAASSMGGSGGKTL	TRAV14D-3/DV8	TRAJ44	0.000983768
CAASTGSNTNKVVFF	TRAV14-2	TRAJ34	0.000983768
CAASTPNTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000983768
CAASVANTGKLTFF	TRAV14D-3/DV8	TRAJ27	0.000983768
CAASVEKIGGSAKLTFF	TRAV14D-3/DV8	TRAJ57	0.000983768
CAASVGNKLTFF	TRAV14D-3/DV8	TRAJ48	0.000983768
CAASVQGGGRALIF	TRAV14-2	TRAJ15	0.000983768
CAASVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000983768
CAASVRNSNNRIFF	TRAV14-2	TRAJ31	0.000983768
CAASWGTGEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000983768
CAATAQSGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.000983768
CAATGDNNNAPRF	TRAV14-2	TRAJ43	0.000983768
CAATGDNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000983768
CAATNYKTGFASALTF	TRAV14D-3/DV8	TRAJ35	0.000983768
CAAVATGGNNKLTFF	TRAV14-2	TRAJ56	0.000983768
CAAVYSSGNKLTFF	TRAV14-2	TRAJ32	0.000983768
CAAVYSSGNKLTFF	TRAV14D-3/DV8	TRAJ32	0.000983768
CAAWGSAKLTFF	TRAV14D-3/DV8	TRAJ57	0.000983768
CAGTEGADRLTF	TRAV14-1	TRAJ45	0.000983768
CAQTGEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000983768
CEAGTASLGLKQF	TRAV14D-3/DV8	TRAJ24	0.000983768
CAAAGQAASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000737826
CAAALGGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000737826
CAADEQGGSAKLTFF	TRAV14D-3/DV8	TRAJ57	0.000737826
CAADNNAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.000737826
CAADTGNYKYVF	TRAV14D-1	TRAJ40	0.000737826
CAAEATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.000737826
CAAETSGGNYKPTFF	TRAV14-2	TRAJ6	0.000737826
CAAFNYAQLGTLF	TRAV14D-3/DV8	TRAJ26	0.000737826
CAAFRNNRIFF	TRAV14-2	TRAJ31	0.000737826
CAAFVNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000737826
CAAFYNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000737826
CAAGDTNAYKVIF	TRAV14-1	TRAJ30	0.000737826
CAAGFQQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000737826
CAAGKAVFF	TRAV14-1	TRAJ45	0.000737826
CAAGNSNNRLTL	TRAV14D-3/DV8	TRAJ7	0.000737826
CAAGRASSFSKLVF	TRAV14-2	TRAJ50	0.000737826
CAAGTGEKITF	TRAV14D-3/DV8	TRAJ48	0.000737826
CAAHPPSNTNKVVFF	TRAV14D-3/DV8	TRAJ34	0.000737826

Triple Low Tregs Replicate 1

	IMGT nomenclature		
CAASERGVLYF	TRAV14D-3/DV8	TRAJ21	0.00100368
CAASERSNRRIF	TRAV14D-3/DV8	TRAJ31	0.00100368
CAASEVGGRALIF	TRAV14-2	TRAJ15	0.00100368
CAASEVNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.00100368
CAASFGNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00100368
CAASGDRGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.00100368
CAASGGNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00100368
CAASGGNEKITF	TRAV14-2	TRAJ48	0.00100368
CAASGGNYGNEKITF	TRAV14-2	TRAJ48	0.00100368
CAASGKAGGSNAKLTF	TRAV14D-3/DV8	TRAJ42	0.00100368
CAASGRGPNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.00100368
CAASGRIASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00100368
CAASGRTEGADRLTF	TRAV14-2	TRAJ45	0.00100368
CAASIGGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.00100368
CAASIGNRRIF	TRAV14-2	TRAJ31	0.00100368
CAASIRNSNRRIF	TRAV14-1	TRAJ31	0.00100368
CAASKAGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.00100368
CAASKQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00100368
CAASKRNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00100368
CAASKSGSGKLT	TRAV14D-3/DV8	TRAJ44	0.00100368
CAASKSNYQLIW	TRAV14D-3/DV8	TRAJ33	0.00100368
CAASNGNEKITF	TRAV14-2	TRAJ48	0.00100368
CAASNVDNSKLIW	TRAV14-2	TRAJ38	0.00100368
CAASPFNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00100368
CAASPGGNNKLT	TRAV14-2	TRAJ56	0.00100368
CAASPINNAGAKLTF	TRAV14-2	TRAJ39	0.00100368
CAASPLTTGGNNKLT	TRAV14-2	TRAJ56	0.00100368
CAASPLTTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.00100368
CAASPNQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00100368
CAASPRNSNRRIF	TRAV14-2	TRAJ31	0.00100368
CAASPRNSNRRIF	TRAV14D-3/DV8	TRAJ31	0.00100368
CAASPVHNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00100368
CAASRMNYNQGLIF	TRAV14D-3/DV8	TRAJ23	0.00100368
CAASRRNAGAKLTF	TRAV14-2	TRAJ39	0.00100368
CAASRTGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.00100368
CAASRTGGNYKPTF	TRAV14-2	TRAJ6	0.00100368
CAASRTGGYKVVVF	TRAV14-2	TRAJ12	0.00100368
CAASRTGNYKYVF	TRAV14-2	TRAJ40	0.00100368
CAASSGGNNKLT	TRAV14-2	TRAJ56	0.00100368
CAASSMGSGGQTL	TRAV14D-3/DV8	TRAJ44	0.00100368
CAASSPFQGS AKLIF	TRAV14D-3/DV8	TRAJ57	0.00100368
CAASSNVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.00100368
CAASTDTSSGQKLVF	TRAV14-2	TRAJ16	0.00100368
CAASTGNYKPTF	TRAV14-2	TRAJ6	0.00100368
CAASTGNYKYVF	TRAV14-2	TRAJ40	0.00100368
CAASTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.00100368
CAASTPASNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.00100368
CAASTSGGNYKPTF	TRAV14-2	TRAJ6	0.00100368
CAASTTSGGNYKPTF	TRAV14-2	TRAJ6	0.00100368
CAASVAGNTGKLIF	TRAV14-2	TRAJ37	0.00100368
CAASVDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00100368
CAASVGDNSKLIW	TRAV14-2	TRAJ38	0.00100368
CAASVGDNSKLIW	TRAV14-3	TRAJ38	0.00100368
CAASVGSNAKLTF	TRAV14D-1	TRAJ42	0.00100368
CAASVKAGANTGKLIF	TRAV14-2	TRAJ37	0.00100368

Triple Low Tregs Replicate 2

	IMGT nomenclature		
CAAHSGGSNAKLTF	TRAV14D-3/DV8	TRAJ42	0.000737826
CAAIDSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000737826
CAAIENSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000737826
CAAIKTSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000737826
CAAINVGDNSKLIW	TRAV14-2	TRAJ38	0.000737826
CAAKNGTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000737826
CAAKNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000737826
CAAKPSGGNYKPTF	TRAV14-2	TRAJ6	0.000737826
CAAKPSNRRIF	TRAV14D-3/DV8	TRAJ31	0.000737826
CAAKRAGGNYKPTF	TRAV14-2	TRAJ6	0.000737826
CAAKRDTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000737826
CAAKSNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000737826
CAAKSQGGRALIF	TRAV14-2	TRAJ15	0.000737826
CAAKSQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000737826
CAAKSNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000737826
CAALNTGNYKYVF	TRAV14-2	TRAJ40	0.000737826
CAALPGTGSNRLTF	TRAV14-2	TRAJ28	0.000737826
CAALQEVVQLTF	TRAV14-1	TRAJ5	0.000737826
CAAMATGGNNKLT	TRAV14D-1	TRAJ56	0.000737826
CAANSNTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000737826
CAAPNLPYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000737826
CAAPNYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000737826
CAAPSGQKLVF	TRAV14D-1	TRAJ16	0.000737826
CAAPYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000737826
CAAQGSNRRIF	TRAV14-1	TRAJ31	0.000737826
CAAQGSNRRIF	TRAV14-2	TRAJ31	0.000737826
CAARAITGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000737826
CAARANTGYQNFYF	TRAV14-2	TRAJ49	0.000737826
CAARANTNTGKLT	TRAV14-2	TRAJ27	0.000737826
CAARARNRRIF	TRAV14D-3/DV8	TRAJ31	0.000737826
CAARASQQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000737826
CAARDNYAQLTF	TRAV14-2	TRAJ26	0.000737826
CAARDSGGSNYKLT	TRAV14D-3/DV8	TRAJ53	0.000737826
CAAREDMGYKLT	TRAV14D-3/DV8	TRAJ9	0.000737826
CAARENNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000737826
CAARGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000737826
CAARGPTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000737826
CAARHITGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000737826
CAARISGSFNKLT	TRAV14-2	TRAJ4	0.000737826
CAARNNNNAPRF	TRAV14-2	TRAJ43	0.000737826
CAARNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000737826
CAARNNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.000737826
CAARNRIF	TRAV14D-3/DV8	TRAJ31	0.000737826
CAARPSNMGYKLT	TRAV14-2	TRAJ9	0.000737826
CAARRNNNAPRF	TRAV14D-1	TRAJ43	0.000737826
CAARRPRANTGKLT	TRAV14D-3/DV8	TRAJ52	0.000737826
CAARSLNSNRRIF	TRAV14-2	TRAJ31	0.000737826
CAARTLNQGS AKLIF	TRAV14D-3/DV8	TRAJ57	0.000737826
CAARTSSGQKLVF	TRAV14-1	TRAJ16	0.000737826
CAARVTSGGNYKPTF	TRAV14-2	TRAJ6	0.000737826
CAARWPTGGNNKLT	TRAV14-2	TRAJ56	0.000737826
CAARYITGNTGKLIF	TRAV14-2	TRAJ37	0.000737826
CAARYNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000737826
CAASAATGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000737826
CAASADNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000737826

Triple Low Tregs Replicate 1

	IMGT nomenclature		
CAASVKNNAGAKLTF	TRAV14-2	TRAJ39	0.00100368
CAASVLDTGANTGKLTFF	TRAV14-2	TRAJ52	0.00100368
CAASVNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00100368
CAASVSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00100368
CAASVTGNNRIFF	TRAV14-1	TRAJ31	0.00100368
CAASVTTQVVGQLTF	TRAV14D-3/DV8	TRAJ5	0.00100368
CAASVVGDN SKLIW	TRAV14D-3/DV8	TRAJ38	0.00100368

Triple Low Tregs Replicate 2

	IMGT nomenclature		
CAASADSNNRIFF	TRAV14-3	TRAJ31	0.000737826
CAASADTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.000737826
CAASAESNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.000737826
CAASAGAGNTGKLIF	TRAV14-2	TRAJ37	0.000737826
CAASAGAGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000737826
CAASAGASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000737826
CAASAGGNTGKLIF	TRAV14-2	TRAJ37	0.000737826

Triple Low Tregs Replicate 3

CDR3	IMGT nomenclature		Frequency
	V	J	
CAASVGYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.051036518
CAASVGGSSNAKLTF	TRAV14D-3/DV8	TRAJ42	0.022961285
CAASVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.012904997
CAADTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.012493136
CAARWPTGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.012184239
CAARRWNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.012081274
CAASVGYQGGRALIF	TRAV14-2	TRAJ15	0.010845689
CAASAGNSNNRIFF	TRAV14-2	TRAJ31	0.010330862
CAAIGNTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.009129599
CAASAGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.008477485
CAASNGNEKITF	TRAV14D-3/DV8	TRAJ48	0.007962658
CAAVGNTGADRLTF	TRAV14D-3/DV8	TRAJ45	0.007791049
CAARPGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.007550796
CAASGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.007276222
CAASGNNRIFF	TRAV14-2	TRAJ31	0.0072419
CAASLVNNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.007138935
CAASRGQGGRALIF	TRAV14-2	TRAJ15	0.007138935
CAASVGYQGGRALIF	TRAV14D-1	TRAJ15	0.006624108
CAAHSGGSNYKLTFF	TRAV14D-3/DV8	TRAJ53	0.006143602
CAARSNTGYQNFYF	TRAV14-2	TRAJ49	0.005971993
CAAKYQGGRALIF	TRAV14-2	TRAJ15	0.005937672
CAASAPNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.005937672
CAAPSGQKLVF	TRAV14-2	TRAJ16	0.005800384
CAASRGDSGTQYRQF	TRAV14-2	TRAJ13	0.005766063
CAASADSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.005663097
CAASASGGNYKPTF	TRAV14-2	TRAJ6	0.005663097
CAASAGNSNNRIFF	TRAV14-1	TRAJ31	0.005457166
CAASAMNYNQGKLIF	TRAV14D-3/DV8	TRAJ23	0.005251236
CAAKYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.005113948
CAASVVDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.005079627
CAAVATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.005045305
CAARSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.004976661
CAASPVNNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.004873696
CAAIGNTEGADRLTF	TRAV14-2	TRAJ45	0.00477073
CAASRGQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00477073
CAASVVDNSKLIW	TRAV14-1	TRAJ38	0.004702087
CAAKDNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.004599121
CAASATSSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.004599121
CAAMATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.0045648
CAARDTGSQKLTLL	TRAV14-2	TRAJ44	0.004496156
CAASVVDNNRIFF	TRAV14D-3/DV8	TRAJ31	0.004496156
CAAMQQTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.004393191
CAAPSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.004393191
CAASADSNNRIFF	TRAV14-2	TRAJ31	0.004358869
CAARNNYAQLTFF	TRAV14-2	TRAJ26	0.004324547
CAASVTSGGNYKPTF	TRAV14-2	TRAJ6	0.004324547
CAENSNNRIFF	TRAV14-2	TRAJ31	0.004221582
CAARRENSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.004118616
CAARGVTGSQKLTLL	TRAV14-2	TRAJ44	0.004049973
CAASVNNNNAPRF	TRAV14-2	TRAJ43	0.003981329
CAASVVDNSKLIW	TRAV14-2	TRAJ38	0.003844042
CAARPNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.003741076
CAASVGGSSNAKLTF	TRAV14-2	TRAJ42	0.003741076
CAARGGNEKITF	TRAV14-2	TRAJ48	0.003706755

Triple Low Tregs Replicate 3

	IMGT nomenclature		
CAASEAPGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.003706755
CAENSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.003672433
CAARYITGNTGKLIF	TRAV14-2	TRAJ37	0.003672433
CAASAKEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.003638111
CAASEGTGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.003569467
CAAGDTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.003500824
CAAIITNNAPRF	TRAV14D-3/DV8	TRAJ43	0.003500824
CAARGGNEKITF	TRAV14D-3/DV8	TRAJ48	0.003466502
CAARKAEGADRLTF	TRAV14-2	TRAJ45	0.00343218
CAARNNYAQLTF	TRAV14D-3/DV8	TRAJ26	0.00343218
CAASAGQGGRALIF	TRAV14-2	TRAJ15	0.003397858
CAASVTSGGNYKPTF	TRAV14-1	TRAJ6	0.003397858
CAARDTGSGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.003363537
CAASKTGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.003294893
CAASEAPGANTGKLTFF	TRAV14-2	TRAJ52	0.003260571
CAASAPNTGANTGKLTFF	TRAV14D-3/DV8	TRAJ52	0.003191928
CAARYITGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.003088962
CAARRAEGADRLTF	TRAV14-2	TRAJ45	0.00305464
CAASAGDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.00305464
CAADGAGTGSNRLTF	TRAV14D-3/DV8	TRAJ28	0.003020319
CAASVNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.003020319
CAASFTDNNAPRF	TRAV14-2	TRAJ43	0.002985997
CAARGVTGSGGKLTLL	TRAV14D-3/DV8	TRAJ44	0.002951675
CAASADTGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.002917353
CAASASGGNYKPTF	TRAV14-1	TRAJ6	0.002917353
CAAGTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.002883031
CAAETSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.00284871
CAAGTGYQNFYF	TRAV14-2	TRAJ49	0.002814388
CAASSANVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.002745744
CAASATGGNNKLTFF	TRAV14D-3/DV8	TRAJ56	0.0026771
CAASRTGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.0026771
CAARAPMSNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.002642779
CAAHNMNYNQGLKIF	TRAV14D-3/DV8	TRAJ23	0.002608457
CAAKWDNTNKVVF	TRAV14-2	TRAJ34	0.002608457
CAARRNNNNAPRF	TRAV14-2	TRAJ43	0.002608457
CAARRNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.002608457
CAASASGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.002608457
CAASETSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.002608457
CAASETGSGGKLTLL	TRAV14-2	TRAJ44	0.002539813
CAAVGNTEGADRLTF	TRAV14-2	TRAJ45	0.002505491
CAAKWDNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.00247117
CAARPVNNNAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.00247117
CAASAGQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00247117
CAASNNNNAPRF	TRAV14-2	TRAJ43	0.00247117
CAATNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.002436848
CAASEDNNAGAKLTFF	TRAV14D-3/DV8	TRAJ39	0.002402526
CAASFTDNNAPRF	TRAV14D-3/DV8	TRAJ43	0.002402526
CAARGDNNRIFF	TRAV14-2	TRAJ31	0.002368204
CAASEDTGNKYVVF	TRAV14D-3/DV8	TRAJ40	0.002333882
CAASGLNTNTGKLTFF	TRAV14-2	TRAJ27	0.002333882
CAASRGDSGTYQRF	TRAV14D-3/DV8	TRAJ13	0.002299561
CAAQYGNNNAPRF	TRAV14-2	TRAJ43	0.002265239
CAASDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.002265239
CAASRGDSGTYQRF	TRAV14-1	TRAJ13	0.002265239
CAARANTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.002230917

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	IMGT nomenclature		
CAARGDNNRIFF	TRAV14-1	TRAJ31	0.002230917
CAAGEIEGKLIF	TRAV14D-3/DV8	TRAJ23	0.002196595
CAARRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.002162273
CAARRGGSGGKLT	TRAV14-2	TRAJ44	0.002162273
CAASDGNKYKVF	TRAV14D-3/DV8	TRAJ40	0.002127952
CAASDGASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00209363
CAASEDNNAGAKLTF	TRAV14-2	TRAJ39	0.00209363
CAASSASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00209363
CAASAPGGNYKPTF	TRAV14-1	TRAJ6	0.002059308
CAASAPGGNYKPTF	TRAV14-2	TRAJ6	0.002059308
CAASEANSAGNKLTF	TRAV14D-3/DV8	TRAJ17	0.002059308
CAASGRTPSTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.002059308
CAASVGDNSKLIW	TRAV14-2	TRAJ38	0.002059308
CAAKGNSNRIFF	TRAV14-2	TRAJ31	0.002024986
CAARGTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.002024986
CAASFLNNRIFF	TRAV14-2	TRAJ31	0.002024986
CAAKRNNNNAPRF	TRAV14-2	TRAJ43	0.001990664
CAARGDNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001990664
CAATIASSFSKLVF	TRAV14-1	TRAJ50	0.001990664
CAGFNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001990664
CAAKRSGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.001956343
CAARKAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001956343
CAASAAAFYQGGRALIF	TRAV14-2	TRAJ15	0.001956343
CAVDGTGNYKVF	TRAV14D-3/DV8	TRAJ40	0.001956343
CAASAASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001922021
CAASAGSGGNYKPTF	TRAV14-2	TRAJ6	0.001922021
CAAKGMGYKLT	TRAV14D-3/DV8	TRAJ9	0.001887699
CAARRGGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.001887699
CAARRWNNNAPRF	TRAV14-2	TRAJ43	0.001887699
CAASAANTGNYKVF	TRAV14-2	TRAJ40	0.001887699
CAASVGYQGGRALIF	TRAV14-1	TRAJ15	0.001887699
CAAKGNSNRIFF	TRAV14D-3/DV8	TRAJ31	0.001853377
CAASADNNNAPRF	TRAV14-2	TRAJ43	0.001853377
CAATIASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.001853377
CAAFNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001819055
CAAKGLGGANTGKLT	TRAV14-2	TRAJ52	0.001819055
CAASDDYNQKLI	TRAV14-2	TRAJ23	0.001819055
CAASKSAGNKLT	TRAV14-1	TRAJ17	0.001819055
CAASPTGGNNKLT	TRAV14-2	TRAJ56	0.001819055
CAARGTNAYKVIF	TRAV14-2	TRAJ30	0.001784734
CAASATGGNNKLT	TRAV14-2	TRAJ56	0.001784734
CAASRAEGADRLTF	TRAV14-2	TRAJ45	0.001784734
CAASRGQGGRALIF	TRAV14-1	TRAJ15	0.001784734
CAASGSNRIFF	TRAV14-2	TRAJ31	0.001750412
CAASKSAGNKLT	TRAV14D-3/DV8	TRAJ17	0.001750412
CAASDTGANTGKLT	TRAV14-2	TRAJ52	0.00171609
CAASRDTGANTGKLT	TRAV14D-3/DV8	TRAJ52	0.00171609
CAASETGQKLVF	TRAV14D-3/DV8	TRAJ16	0.001681768
CAASNGSGGKLT	TRAV14-2	TRAJ44	0.001681768
CAALTGSNRIFF	TRAV14-2	TRAJ31	0.001647446
CAASAMVGGRALIF	TRAV14D-3/DV8	TRAJ15	0.001647446
CAASFLNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001647446
CAASNGTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001647446
CAASGSNYNQKLI	TRAV14D-3/DV8	TRAJ23	0.001647446
CAAAGGNKLT	TRAV14-2	TRAJ56	0.001613125

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	IMGT nomenclature		
CAASGSNYNQGLKLF	TRAV14-2	TRAJ23	0.001613125
CAARDNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001578803
CAASAKSNRRIF	TRAV14D-3/DV8	TRAJ31	0.001578803
CAASARNRIF	TRAV14D-3/DV8	TRAJ31	0.001578803
CAASETGSGGLTL	TRAV14D-3/DV8	TRAJ44	0.001578803
CAASIGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001578803
CAARTLNQGGSAKLIF	TRAV14D-3/DV8	TRAJ57	0.001544481
CAASAANTGNKYVF	TRAV14D-3/DV8	TRAJ40	0.001544481
CAASAPLAYQGGRALIF	TRAV14-2	TRAJ15	0.001544481
CAASDYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.001544481
CAASEQGGNTGKLF	TRAV14D-3/DV8	TRAJ37	0.001544481
CAASEVSSAGNKLTF	TRAV14D-3/DV8	TRAJ17	0.001544481
CAASVQGGRALIF	TRAV14-2	TRAJ15	0.001544481
CAATIASSFSKLVF	TRAV14-2	TRAJ50	0.001544481
CAATPVNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.001544481
CAAKDGSSGNKLF	TRAV14D-3/DV8	TRAJ32	0.001510159
CAAQYGNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001510159
CAASADSNNRIF	TRAV14D-1	TRAJ31	0.001510159
CAASDTGANTGKLF	TRAV14D-3/DV8	TRAJ52	0.001510159
CAASGLTNTGKLF	TRAV14D-3/DV8	TRAJ27	0.001510159
CAASKAGSSGNKLF	TRAV14D-3/DV8	TRAJ32	0.001510159
CAAYTGNKYVF	TRAV14D-3/DV8	TRAJ40	0.001510159
CAPHDVNTGANTGKLF	TRAV14D-3/DV8	TRAJ52	0.001510159
CAAKEGRTNAYKVIF	TRAV14-2	TRAJ30	0.001475837
CAARDNNNNAPRF	TRAV14-2	TRAJ43	0.001475837
CAARPGTGSNRLTF	TRAV14-2	TRAJ28	0.001475837
CAASAGNYNQGLKLF	TRAV14-1	TRAJ23	0.001475837
CAASVENNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.001475837
CAAHNMMNYNQGLKLF	TRAV14-2	TRAJ23	0.001441516
CAARGSALGRHLHF	TRAV14-2	TRAJ18	0.001441516
CAARVPGKLF	TRAV14D-3/DV8	TRAJ23	0.001441516
CAASASNRRIF	TRAV14D-3/DV8	TRAJ31	0.001441516
CAASFTGSWQLIF	TRAV14-2	TRAJ22	0.001441516
CAAKGDTNTGKLF	TRAV14D-3/DV8	TRAJ27	0.001407194
CAAKYNQGLKLF	TRAV14D-3/DV8	TRAJ23	0.001407194
CAAKYQGGRALIF	TRAV14-1	TRAJ15	0.001407194
CAASAGNNRIF	TRAV14D-3/DV8	TRAJ31	0.001407194
CAASEGYGSSGNKLF	TRAV14D-3/DV8	TRAJ32	0.001407194
CAASIGGSNAKLF	TRAV14D-3/DV8	TRAJ42	0.001407194
CAAAGGNKLF	TRAV14D-3/DV8	TRAJ56	0.001372872
CAASAAAFYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.001372872
CAASDDYNQGLKLF	TRAV14D-3/DV8	TRAJ23	0.001372872
CAASEMRNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001372872
CAASFTGSWQLIF	TRAV14D-3/DV8	TRAJ22	0.001372872
CAASKSAGNKLF	TRAV14-2	TRAJ17	0.001372872
CAATPHTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001372872
CAAANYGNEKITF	TRAV14-2	TRAJ48	0.00133855
CAANVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.00133855
CAARANNNNAPRF	TRAV14-2	TRAJ43	0.00133855
CAASDGSSGNKLF	TRAV14D-3/DV8	TRAJ32	0.00133855
CAASEGANTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.00133855
CAATGYQNFYF	TRAV14-2	TRAJ49	0.001304228
CAASAPAQLTF	TRAV14-2	TRAJ26	0.001304228
CAASARNRIF	TRAV14-2	TRAJ31	0.001304228
CAASEGGRALIF	TRAV14D-3/DV8	TRAJ15	0.001304228

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	IMGT nomenclature		
CAASFTNAYKVIF	TRAV14-2	TRAJ30	0.001304228
CAASVGDNSKLIW	TRAV14-3	TRAJ38	0.001304228
CAAYNQGLKIF	TRAV14D-3/DV8	TRAJ23	0.001304228
CAALNNNNAPRF	TRAV14-2	TRAJ43	0.001269907
CAAMATGGNNKLTf	TRAV14-2	TRAJ56	0.001269907
CAASAPAQGLTF	TRAV14D-3/DV8	TRAJ26	0.001269907
CAASDVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001269907
CAASNGSGGKLTl	TRAV14D-3/DV8	TRAJ44	0.001269907
CAASPTGGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.001269907
CAATNNNNAPRF	TRAV14-2	TRAJ43	0.001269907
CAADTGNKYVf	TRAV14-2	TRAJ40	0.001235585
CAARRGSQQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001235585
CAARSNNNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.001235585
CAASAMNYNQGLKIF	TRAV14-2	TRAJ23	0.001235585
CAASAQGGGSNYKLTf	TRAV14D-3/DV8	TRAJ53	0.001235585
CAASARTASLGKlQf	TRAV14-2	TRAJ24	0.001235585
CAASEGAQGLTF	TRAV14D-3/DV8	TRAJ26	0.001235585
CAASEGNRRIFf	TRAV14-2	TRAJ31	0.001235585
CAASEGNSNNRIFf	TRAV14D-3/DV8	TRAJ31	0.001235585
CAASKTGNKYVf	TRAV14D-1	TRAJ40	0.001235585
CAASNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001235585
CAPATGGNNKLTf	TRAV14-2	TRAJ56	0.001235585
CAAFRSNNRIFf	TRAV14-2	TRAJ31	0.001201263
CAALQQTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.001201263
CAASAGNYNQGLKIF	TRAV14-2	TRAJ23	0.001201263
CAASAGNYNQGLKIF	TRAV14D-3/DV8	TRAJ23	0.001201263
CAASARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.001201263
CAASEGSGGNYKPTf	TRAV14D-3/DV8	TRAJ6	0.001201263
CAASEVETGKLTf	TRAV14D-3/DV8	TRAJ27	0.001201263
CAAKGLGGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.001166941
CAAKPSGGNYKPTf	TRAV14-2	TRAJ6	0.001166941
CAAKTSGGNYKPTf	TRAV14-2	TRAJ6	0.001166941
CAARGDTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.001166941
CAARGSALGRLHF	TRAV14D-3/DV8	TRAJ18	0.001166941
CAASFEDNNAPRF	TRAV14-2	TRAJ43	0.001166941
CAASKTGNKYVf	TRAV14-2	TRAJ40	0.001166941
CAASVVASNTNKVf	TRAV14-2	TRAJ34	0.001166941
CAASVWAASLGKlQf	TRAV14D-3/DV8	TRAJ24	0.001166941
CAAYTGNKYVf	TRAV14-2	TRAJ40	0.001166941
CAAKEGRTNAYKVIF	TRAV14D-3/DV8	TRAJ30	0.001132619
CAAMGGDNSKLIW	TRAV14-2	TRAJ38	0.001132619
CAARIGSGGKLTl	TRAV14-2	TRAJ44	0.001132619
CAASAGYSNNRLTL	TRAV14-2	TRAJ7	0.001132619
CAASEEGTGNTGKLIff	TRAV14D-3/DV8	TRAJ37	0.001132619
CAASGSNNRIFf	TRAV14D-3/DV8	TRAJ31	0.001132619
CAASVGQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.001132619
CAAHNMNYNQGLKIF	TRAV14D-1	TRAJ23	0.001098298
CAAKRNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001098298
CAARNNNNNAPRF	TRAV14-2	TRAJ43	0.001098298
CAARPGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.001098298
CAARWSNNRIFf	TRAV14D-3/DV8	TRAJ31	0.001098298
CAASADNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.001098298
CAASAGTNSNNRIFf	TRAV14-2	TRAJ31	0.001098298
CAASALGSGGKLTl	TRAV14D-3/DV8	TRAJ44	0.001098298
CAASDPGYQNfYf	TRAV14D-3/DV8	TRAJ49	0.001098298

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	IMGT nomenclature		
CAASEGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001098298
CAASGRGSNTNKVVF	TRAV14-2	TRAJ34	0.001098298
CAASTMNYNQGLIF	TRAV14D-3/DV8	TRAJ23	0.001098298
CAATGDNNAPRF	TRAV14-2	TRAJ43	0.001098298
CAPMTNSAGNKLTF	TRAV14-2	TRAJ17	0.001098298
CAVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001098298
CAAHTGNYKYVF	TRAV14-2	TRAJ40	0.001063976
CAAKPLPNTGKLF	TRAV14-2	TRAJ27	0.001063976
CAASAPRQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.001063976
CAASDDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001063976
CAASESNRIFF	TRAV14D-3/DV8	TRAJ31	0.001063976
CAASGRGPNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.001063976
CAASPDNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001063976
CAASQGENKIF	TRAV14D-3/DV8	TRAJ48	0.001063976
CAASVTSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.001063976
CAASVVTGSGGKTL	TRAV14D-3/DV8	TRAJ44	0.001063976
CAAVGVDQGLIF	TRAV14-2	TRAJ23	0.001063976
CAAFRSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.001029654
CAAHTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001029654
CAAINSNNRIFF	TRAV14-2	TRAJ31	0.001029654
CAAKSNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001029654
CAAKTSGGNYKPTF	TRAV14-1	TRAJ6	0.001029654
CAARGNYNLVYF	TRAV14D-3/DV8	TRAJ21	0.001029654
CAASAGGNYQLIW	TRAV14-2	TRAJ33	0.001029654
CAASAGNNRIFF	TRAV14-2	TRAJ31	0.001029654
CAASARTASLGKLF	TRAV14D-3/DV8	TRAJ24	0.001029654
CAASGGENTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.001029654
CAASNVDNSKLIW	TRAV14-1	TRAJ38	0.001029654
CAASNVDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.001029654
CAASQEGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.001029654
CAASQQVVGQLTF	TRAV14D-3/DV8	TRAJ5	0.001029654
CAASRAEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.001029654
CAASYGNNRIFF	TRAV14-2	TRAJ31	0.001029654
CAATEGADRLTF	TRAV14-1	TRAJ45	0.001029654
CAARATSSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.000995332
CAARGWQGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.000995332
CAARIGSGGKTL	TRAV14D-3/DV8	TRAJ44	0.000995332
CAARNNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000995332
CAASAGNSNNRIFF	TRAV14D-1	TRAJ31	0.000995332
CAASALGDSNYQLIW	TRAV14-2	TRAJ33	0.000995332
CAASFGNNAPRF	TRAV14-2	TRAJ43	0.000995332
CAASFGNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000995332
CAASKDSNNRIFF	TRAV14-2	TRAJ31	0.000995332
CAASPRNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000995332
CAASRDNNAGAKLTF	TRAV14-2	TRAJ39	0.000995332
CAATNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000995332
CAPATGGNNKLF	TRAV14D-3/DV8	TRAJ56	0.000995332
CAAHNNNNAPRF	TRAV14-2	TRAJ43	0.00096101
CAAIDVGTGANTGKLF	TRAV14D-3/DV8	TRAJ52	0.00096101
CAAKPLPNTGKLF	TRAV14D-3/DV8	TRAJ27	0.00096101
CAAMGGLASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00096101
CAAPSGQKLVF	TRAV14D-1	TRAJ16	0.00096101
CAARGDTNTGKLF	TRAV14D-3/DV8	TRAJ27	0.00096101
CAARWPTGGNNKLF	TRAV14-2	TRAJ56	0.00096101
CAASAGGNYQLIW	TRAV14D-3/DV8	TRAJ33	0.00096101

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	IMGT nomenclature		
CAASAGGYTSSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.00096101
CAASASGNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00096101
CAASATGNRIFF	TRAV14D-3/DV8	TRAJ31	0.00096101
CAASKFTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.00096101
CAASPRNSNNRIFF	TRAV14-2	TRAJ31	0.00096101
CAASQEGYQNFYF	TRAV14-2	TRAJ49	0.00096101
CAASREGGADRLTF	TRAV14-2	TRAJ45	0.00096101
CAASVWDQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.00096101
CAATKTNTGKLTf	TRAV14D-3/DV8	TRAJ27	0.00096101
CAAGVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000926689
CAALTGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000926689
CAALVISNNRIFF	TRAV14-2	TRAJ31	0.000926689
CAARRTGNNKLTf	TRAV14D-3/DV8	TRAJ56	0.000926689
CAASAQGSNSYQLIW	TRAV14-2	TRAJ33	0.000926689
CAASDDSNRIFF	TRAV14D-3/DV8	TRAJ31	0.000926689
CAASDNNNAPRF	TRAV14-2	TRAJ43	0.000926689
CAASGETGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000926689
CAASKDTGANTGKLTf	TRAV14D-3/DV8	TRAJ52	0.000926689
CAASQVVGQLTf	TRAV14-2	TRAJ5	0.000926689
CAASRGAAGNTGKLI	TRAV14D-3/DV8	TRAJ37	0.000926689
CAASRMNYNQGLIF	TRAV14D-3/DV8	TRAJ23	0.000926689
CAASTSGGNYKPTf	TRAV14-2	TRAJ6	0.000926689
CAASVISNQGSAKLI	TRAV14D-3/DV8	TRAJ57	0.000926689
CAATEGADRLTF	TRAV14-2	TRAJ45	0.000926689
CAATYSNNRRTL	TRAV14-2	TRAJ7	0.000926689
CAAYNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000926689
CAFPMNQGSAKLI	TRAV14D-3/DV8	TRAJ57	0.000926689
CAALVEVVGQLTf	TRAV14-2	TRAJ5	0.000892367
CAANVGDNKLIW	TRAV14-2	TRAJ38	0.000892367
CAARPITGNTGKLI	TRAV14D-3/DV8	TRAJ37	0.000892367
CAARTVTGSGGKLT	TRAV14-2	TRAJ44	0.000892367
CAASAGGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000892367
CAASAGSGGNYKPTf	TRAV14-1	TRAJ6	0.000892367
CAASALGSGGKLT	TRAV14D-1	TRAJ44	0.000892367
CAASAMEGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000892367
CAASATSSGQKLVF	TRAV14-2	TRAJ16	0.000892367
CAASDDSNRIFF	TRAV14-2	TRAJ31	0.000892367
CAASDENNAGAKLTf	TRAV14D-3/DV8	TRAJ39	0.000892367
CAASEASSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.000892367
CAASEGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000892367
CAASEGNSNNRIFF	TRAV14-1	TRAJ31	0.000892367
CAASETGQKLVF	TRAV14D-1	TRAJ16	0.000892367
CAASGRGSNTNKVV	TRAV14D-3/DV8	TRAJ34	0.000892367
CAASLNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000892367
CAASPPLGQGSAKLI	TRAV14D-3/DV8	TRAJ57	0.000892367
CAASRGNTGNYKYVF	TRAV14-2	TRAJ40	0.000892367
CAASRTGGYKVV	TRAV14D-3/DV8	TRAJ12	0.000892367
CAASRTNSAGNKLTf	TRAV14-2	TRAJ17	0.000892367
CAASVRGSGGKLT	TRAV14-2	TRAJ44	0.000892367
CAAYNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000892367
CAVMGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000892367
CAAIRDSNNRIFF	TRAV14-2	TRAJ31	0.000858045
CAARRFISGSFNKLTf	TRAV14-2	TRAJ4	0.000858045
CAARSNNNAGAKLTf	TRAV14-2	TRAJ39	0.000858045
CAASAGSGGNYKPTf	TRAV14D-3/DV8	TRAJ6	0.000858045

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	IMGT nomenclature		
CAASAGYSNNRRTL	TRAV14D-3/DV8	TRAJ7	0.000858045
CAASAPLAYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000858045
CAASARSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000858045
CAASDEWDNYAQLTF	TRAV14-2	TRAJ26	0.000858045
CAASEEGTGNTGKLIF	TRAV14D-1	TRAJ37	0.000858045
CAASEGGTGKLIF	TRAV14-2	TRAJ37	0.000858045
CAASFSGSWQLIF	TRAV14-1	TRAJ22	0.000858045
CAASGDSNNRIFF	TRAV14-2	TRAJ31	0.000858045
CAASGRGPNTNKVVF	TRAV14-2	TRAJ34	0.000858045
CAASKGGQKLVF	TRAV14-2	TRAJ16	0.000858045
CAASMNNNAGAKLTF	TRAV14-1	TRAJ39	0.000858045
CAASSTSGGNYKPTF	TRAV14D-3/DV8	TRAJ6	0.000858045
CAATGSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000858045
CAATWGGDNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000858045
CAATYNNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000858045
CAAWNYNQGKLIF	TRAV14D-3/DV8	TRAJ23	0.000858045
CAAYRSGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000858045
CAAGASSGQKLVF	TRAV14D-3/DV8	TRAJ16	0.000823723
CAAIETGNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000823723
CAAIGNTGADRLTF	TRAV14D-1	TRAJ45	0.000823723
CAALIRNSNNRIFF	TRAV14-2	TRAJ31	0.000823723
CAANTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000823723
CAASAAANSNNRIFF	TRAV14-2	TRAJ31	0.000823723
CAASAGGNSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000823723
CAASAGGYTSSFSKLVF	TRAV14-2	TRAJ50	0.000823723
CAASDGNKYKYVF	TRAV14-2	TRAJ40	0.000823723
CAASDSGGSNAKLT	TRAV14D-3/DV8	TRAJ42	0.000823723
CAASEETGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000823723
CAASEGGADRLTF	TRAV14-2	TRAJ45	0.000823723
CAASEGNTGKLT	TRAV14D-3/DV8	TRAJ27	0.000823723
CAASGRRNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000823723
CAASKSGSGGKLT	TRAV14D-3/DV8	TRAJ44	0.000823723
CAASRGDNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.000823723
CAASSGSSGNKLIF	TRAV14D-3/DV8	TRAJ32	0.000823723
CAASVNTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000823723
CAAYSNRRTL	TRAV14D-3/DV8	TRAJ7	0.000823723
CAPMTNSAGNKLT	TRAV14D-3/DV8	TRAJ17	0.000823723
CAATGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000789401
CAAGDTNAYKVIF	TRAV14-2	TRAJ30	0.000789401
CAAKDNNAGAKLTF	TRAV14-2	TRAJ39	0.000789401
CAAMGGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.000789401
CAARNNYAQLTF	TRAV14-1	TRAJ26	0.000789401
CAARRENSNNRIFF	TRAV14-2	TRAJ31	0.000789401
CAARVNTGYQNFYF	TRAV14D-3/DV8	TRAJ49	0.000789401
CAASAGGYTSSFSKLVF	TRAV14-1	TRAJ50	0.000789401
CAASAGINNNAPRF	TRAV14-2	TRAJ43	0.000789401
CAASATASSFSKLVF	TRAV14D-3/DV8	TRAJ50	0.000789401
CAASDNPTSSGQKLVF	TRAV14-2	TRAJ16	0.000789401
CAASEGSGTYQRF	TRAV14D-3/DV8	TRAJ13	0.000789401
CAASGDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000789401
CAASPLTTGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000789401
CAASPTYQGGRALIF	TRAV14D-3/DV8	TRAJ15	0.000789401
CAASRGRGGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000789401
CAASTYGNEKITF	TRAV14D-3/DV8	TRAJ48	0.000789401
CAASVGVGDNKLIW	TRAV14D-3/DV8	TRAJ38	0.000789401

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	IMGT nomenclature		
CAATSGSQWLIF	TRAV14D-3/DV8	TRAJ22	0.000789401
CAATYSNNRRTL	TRAV14D-3/DV8	TRAJ7	0.000789401
CAADAFPMNQGS AKLIF	TRAV14D-3/DV8	TRAJ57	0.00075508
CAAGNSNNRRTL	TRAV14D-3/DV8	TRAJ7	0.00075508
CAAKRDNYNVLYF	TRAV14D-3/DV8	TRAJ21	0.00075508
CAALVEVVGQLTF	TRAV14D-3/DV8	TRAJ5	0.00075508
CAARANNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00075508
CAARANTGYQNFYF	TRAV14-2	TRAJ49	0.00075508
CAARASNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00075508
CAARDAAGQLTF	TRAV14-1	TRAJ26	0.00075508
CAARESGGSNYKLTF	TRAV14D-3/DV8	TRAJ53	0.00075508
CAARPNTGYQNFYF	TRAV14-2	TRAJ49	0.00075508
CAARRFISGSFNKLTF	TRAV14D-3/DV8	TRAJ4	0.00075508
CAARSVDNNNAPRF	TRAV14-2	TRAJ43	0.00075508
CAARYVTGSGGKLT	TRAV14-2	TRAJ44	0.00075508
CAASAGGNTGKLIF	TRAV14-2	TRAJ37	0.00075508
CAASAGGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.00075508
CAASEANNRIFF	TRAV14D-3/DV8	TRAJ31	0.00075508
CAASEGGRALIF	TRAV14D-1	TRAJ15	0.00075508
CAASETSGGKLT	TRAV14-1	TRAJ44	0.00075508
CAASGFGGSNYKLTF	TRAV14D-3/DV8	TRAJ53	0.00075508
CAASGGNNRIFF	TRAV14D-1	TRAJ31	0.00075508
CAASGRGNAGAKLTF	TRAV14D-3/DV8	TRAJ39	0.00075508
CAASGSNNRIFF	TRAV14-1	TRAJ31	0.00075508
CAASITSGGNYKPTF	TRAV14-2	TRAJ6	0.00075508
CAASNVDNSKLIW	TRAV14-2	TRAJ38	0.00075508
CAASPSNNRIFF	TRAV14-2	TRAJ31	0.00075508
CAASREGGADRLTF	TRAV14D-3/DV8	TRAJ45	0.00075508
CAASRGGTGSKLSF	TRAV14D-3/DV8	TRAJ58	0.00075508
CAASTRNNYAQLTF	TRAV14-2	TRAJ26	0.00075508
CAASVGDNSKLIW	TRAV14D-1	TRAJ38	0.00075508
CAASVVASNTNKVVF	TRAV14D-3/DV8	TRAJ34	0.00075508
CAATGDNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.00075508
CAAVGVDQGKLIF	TRAV14D-3/DV8	TRAJ23	0.00075508
CAAWVGDNSKLIW	TRAV14D-3/DV8	TRAJ38	0.00075508
CAGYTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.00075508
CAAANDTGNYKYVF	TRAV14D-3/DV8	TRAJ40	0.000720758
CAAEATGGNNKLT	TRAV14D-3/DV8	TRAJ56	0.000720758
CAALNNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000720758
CAARADTEGADRLTF	TRAV14D-3/DV8	TRAJ45	0.000720758
CAARAPMSNYNVLYF	TRAV14-2	TRAJ21	0.000720758
CAARENNNNAPRF	TRAV14-2	TRAJ43	0.000720758
CAARPGDTGYQNFYF	TRAV14-2	TRAJ49	0.000720758
CAARRSGGSNYKLTF	TRAV14D-3/DV8	TRAJ53	0.000720758
CAASADSNNRIFF	TRAV14-1	TRAJ31	0.000720758
CAASAEANSAGNKLTF	TRAV14D-3/DV8	TRAJ17	0.000720758
CAASAPYTEGADRLTF	TRAV14-2	TRAJ45	0.000720758
CAASDDTNAYKIVF	TRAV14-2	TRAJ30	0.000720758
CAASDGGNTGKLIF	TRAV14-2	TRAJ37	0.000720758
CAASDGTGNTGKLIF	TRAV14D-3/DV8	TRAJ37	0.000720758
CAASDNNNAPRF	TRAV14D-3/DV8	TRAJ43	0.000720758
CAASEEGSNAKLTF	TRAV14-2	TRAJ42	0.000720758
CAASFTNAYKIVF	TRAV14D-3/DV8	TRAJ30	0.000720758
CAASIWAGNYKYVF	TRAV14-2	TRAJ40	0.000720758
CAASKDSNNRIFF	TRAV14D-3/DV8	TRAJ31	0.000720758

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	IMGT nomenclature		
CAASKEGGRALIF	TRAV14-2	TRAJ15	0.000720758
CAASKSGSGKLT	TRAV14-2	TRAJ44	0.000720758
CAASLVNNNAGAKLTF	TRAV14-2	TRAJ39	0.000720758
CAASNGNEKITF	TRAV14-2	TRAJ48	0.000720758
CAASRTGNYKYVF	TRAV14D-1	TRAJ40	0.000720758
CAGRNNNNAPRF	TRAV14-2	TRAJ43	0.000720758
CAVNTGNYKYVF	TRAV14-2	TRAJ40	0.000720758