

```
(base) Ana@iMac-de-EMITB643558 ~ % mixcr buildLibrary --debug \  
--v-genes-from-fasta TRAV.fasta \  
--v-gene-feature VRegion \  
--j-genes-from-fasta TRAJ.fasta \  
--chain TRA \  
--taxon-id 8022 \  
--species Oncorhynchus_mykiss \  
Oncorhynchus_mykiss-TRA.json.gz  
DB size: 2278
```

```
Processing: aOncmyk_Chr8_CM023226.2_TRAV17-3_TRAV_130-35_F_61467747_61468085 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV7-3_TRAV_67-98_F_61671979_61672317 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-12_TRAV_153-12_ORF_61381115_61381471 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-11_TRAV_145-20_F_61398654_61398971 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV7-1_TRAV_14-151_F_61829993_61830301 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV9-4_TRAV_139-26_F_61430116_61430451 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-9_TRAV_104-61_F_61544393_61544710 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV6-4_TRAV_112-53_F_61522601_61522945 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV20-1_TRAV_51-114_F_61714316_61714651 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV16-4_TRAV_158-7_F_61358108_61358464 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV10-7_TRAV_95-70_ORF_61561603_61561947 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV16-1_TRAV_26-139_F_61795987_61796338 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV16-3_TRAV_154-11_ORF_61376213_61376567 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV2-4_TRAV_31-134_F_61788292_61788621 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV4-2_TRAV_86-79_F_61593477_61593818 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV9-3_TRAV_129-36_F_61468454_61468789 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV19-8_TRAV_138-27_F_61432822_61433163 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV10-9_TRAV_142-23_F_61416342_61416686 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-7_TRAV_96-69_F_61560031_61560345 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-10_TRAV_143-22_F_61399748_61400107 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV18-5_TRAV_118-47_F_61505092_61505422 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV16-2_TRAV_48-117_F_61720895_61721236 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-2_TRAV_41-124_F_61750400_61750717 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV12-5_TRAV_164-1_F_61342201_61342549 (F) TRA  
No alignments found.  
Processing: aOncmyk_Chr8_CM023226.2_TRAV10-1_TRAV_15-150_F_61828952_61829299 (F)
```

TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV17-5_TRAV_152-13_F_61384664_61385002 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV18-3_TRAV_80-85_F_61603394_61603740 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV19-3_TRAV_73-92_ORF_61635183_61635513 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV6-3_TRAV_94-71_F_61563741_61564068 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV22-1_TRAV_45-120_ORF_61725122_61725466 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV14-1_TRAV_10-155_F_61844512_61844853 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-6_TRAV_88-77_F_61583574_61583903 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV17-4_TRAV_140-25_F_61429410_61429748 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV5-2_TRAV_20-145_F_61807471_61807818 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-4_TRAV_69-96_F_61664882_61665199 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV10-6_TRAV_76-89_F_61628819_61629155 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-5_TRAV_83-82_F_61597281_61597595 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV20-2_TRAV_127-38_F_61476963_61477297 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-8_TRAV_103-62_F_61545538_61545850 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV10-3_TRAV_39-126_ORF_61765266_61765618 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV15-1_TRAV_9-156_ORF_61845482_61845841 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV5-4_TRAV_56-109_F_61709402_61709732 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV23-1_TRAV_57-108_F_61697988_61698335 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV14-3_TRAV_65-100_F_61673813_61674154 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV12-1_TRAV_19-146_F_61810055_61810393 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV5-6_TRAV_82-83_F_61599675_61600005 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV19-5_TRAV_99-66_F_61558014_61558355 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV9-5_TRAV_151-14_F_61385370_61385705 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV1-2_TRAV_7-158_F_61848522_61848855 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV17-1_TRAV_27-138_F_61794504_61794842 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV8-1_TRAV_11-154_ORF_61839166_61839510 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV17-2_TRAV_125-40_F_61487805_61488143 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV26-1_TRAV_144-21_ORF_61398981_61399254 (F)

TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV7-2_TRAV_58-107_ORF_61697309_61697650 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV14-2_TRAV_37-128_F_61769248_61769589 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV10-8_TRAV_133-32_F_61455876_61456216 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV12-2_TRAV_28-137_F_61793772_61794110 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV10-4_TRAV_68-97_ORF_61671009_61671347 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV24-1_TRAV_35-130_F_61770661_61770990 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV14-5_TRAV_148-17_F_61396628_61396969 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV13-1_TRAV_30-135_F_61790579_61790892 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV6-1_TRAV_42-123_F_61748799_61749152 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV18-1_TRAV_54-111_F_61711569_61711907 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV18-6_TRAV_134-31_F_61454565_61454896 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV21-3_TRAV_114-51_F_61520914_61521252 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV4-1_TRAV_6-159_ORF_61860019_61860353 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV5-7_TRAV_90-75_F_61570027_61570357 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV9-1_TRAV_116-49_F_61515148_61515483 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-1_TRAV_5-160_F_61860767_61861081 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV3-3_TRAV_52-113_F_61713570_61713884 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV9-2_TRAV_124-41_F_61488511_61488846 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV6-2_TRAV_79-86_F_61606168_61606512 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV5-1_TRAV_8-157_F_61847171_61847501 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV18-4_TRAV_111-54_F_61525293_61525628 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV7-4_TRAV_149-16_F_61394887_61395222 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV12-3_TRAV_156-9_F_61370194_61370532 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV4-5_TRAV_146-19_F_61397832_61398177 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV19-2_TRAV_72-93_F_61642147_61642488 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV5-9_TRAV_107-58_F_61532982_61533329 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV19-1_TRAV_59-106_ORF_61696345_61696686 (F)
TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV5-5_TRAV_70-95_F_61644208_61644538 (F) TRA

No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV8-2_TRAV_155-10_F_61374764_61375111 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV11-1_TRAV_16-149_F_61825496_61825834 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV14-4_TRAV_74-91_F_61633353_61633691 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV2-1_TRAV_2-163_F_61874712_61875059 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV24-2_TRAV_122-43_F_61499877_61500206 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV5-8_TRAV_92-73_F_61567659_61567989 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV10-5_TRAV_75-90_F_61631519_61631866 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV12-4_TRAV_159-6_F_61356038_61356376 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV19-4_TRAV_85-80_F_61595402_61595743 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV25-1_TRAV_157-8_F_61358936_61359283 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV19-6_TRAV_128-37_F_61476213_61476554 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV2-2_TRAV_3-162_F_61871252_61871599 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV1-1_TRAV_1-164_F_61879876_61880223 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV2-3_TRAV_4-161_F_61867792_61868139 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV15-2_TRAV_25-140_F_61796904_61797251 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV4-6_TRAV_160-5_F_61345213_61345541 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV11-2_TRAV_18-147_F_61811966_61812304 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV4-4_TRAV_132-33_F_61463437_61463773 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV10-2_TRAV_17-148_ORF_61815312_61815652 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV19-7_TRAV_135-30_F_61440537_61440878 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV21-1_TRAV_34-131_F_61771390_61771728 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV4-3_TRAV_101-64_F_61555431_61555772 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV23-2_TRAV_102-63_F_61554846_61555193 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV15-3_TRAV_147-18_F_61397227_61397574 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV18-2_TRAV_61-104_F_61677630_61677976 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV5-3_TRAV_50-115_F_61716351_61716698 (F) TRA
No alignments found.
Processing: aOncmyk_Chr8_CM023226.2_TRAV21-2_TRAV_44-121_F_61734235_61734582 (F) TRA
No alignments found.
12:27:52.201 INFO - /Users/Ana/Oncorhynchus_mykiss-TRA.V.json.gz compiled successfully.
DB size: 588

Processing: a0ncmyk_TRAJ25_F_61962116_61962206 (F) TRA
Aligned with TRAJ8*00 from built-in ; Score = 54.0
0 _NTGFQKLVFGTGTQLLVSP_ 20
 || | || || || || || | |
0 _NDGVRKLIIFGSGTSLSVET_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ12_F_61953999_61954089 (F) TRA
Aligned with TRAJ38*01 from built-in ; Score = 53.0
0 _NAGNNRKLIVGLGTS LAVNP_ 21
 || || || || | | || | |
0 _N-GNNRKVIFGAGTKLI IET_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 2
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ54_F_61975286_61975376 (F) TRA
Aligned with TRAJ12*00 from built-in ; Score = 57.0
0 _GTGGYKVVFGSGTRLLVSP_ 20
 | | | | | || || | | | |
0 _TTDGRKIIIFGSGTKLIVDS_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 2
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ17_F_61956656_61956747 (F) TRA
No alignments found.

Processing: a0ncmyk_TRAJ34_F_61965926_61966017 (F) TRA
No alignments found.

Processing: a0ncmyk_TRAJ41_F_61969104_61969200 (F) TRA
Aligned with TRAJ32*02 from built-in ; Score = 55.0
0 _NYGGATNKLIFGTGTL LAVQP_ 22
 | || | | || || || | | | |
0 _TAGGGQSKIIFGTGTQLIVDS_ 22

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 35
FR4End: already set
inferred position differs from existing value. existing: 67, inferred: 66
=====

Processing: a0ncmyk_TRAJ48_F_61973030_61973120 (F) TRA
No alignments found.

Processing: a0ncmyk_TRAJ45_F_61971282_61971372 (F) TRA
Aligned with TRAJ5*00 from built-in ; Score = 53.0
0 _DTGRRALTFGSGTRLQVQP_ 20
 | || | | || || | | | |
0 _NTGTRTLIFGSGTTVFVQS_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ26_F_61962351_61962444 (F) TRA
No alignments found.

Processing: a0ncmyk_TRAJ38_F_61967405_61967495 (F) TRA
Aligned with TRAJ23*00 from built-in ; Score = 52.0

0 _NYNQKLIIFGQGTKLSIKP_ 20
 || | | ||| | || | |
0 _NANNQKVIIFGEGSKLIET_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ42_F_61969624_61969717 (F) TRA
Aligned with TRAJ57*00 from built-in ; Score = 65.0

0 _TQGGSEKLVFGKGTCLTVNP_ 21
 || || | || |||| | |
0 _TTGGNDKIIIFGTGKTLIVDS_ 21

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 32
FR4End: already set
inferred position differs from existing value. existing: 64, inferred: 63
=====

Processing: a0ncmyk_TRAJ14_P_61955231_61955325 (F) TRA
No alignments found.

Processing: a0ncmyk_TRAJ23_F_61961383_61961477 (F) TRA
Aligned with TRAJ37*00 from built-in ; Score = 50.0

0 _SSNTGKLVFGQGTTLHVQP-- 19
 | || | || |||| |
0 _NDGTGRLIFGRGTTLISIQSSK 21

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 29
FR4End: already set
=====

Processing: a0ncmyk_TRAJ78_F_61985287_61985382 (F) TRA
No alignments found.

Processing: a0ncmyk_TRAJ44_F_61970784_61970874 (F) TRA
Aligned with TRAJ57*00 from built-in ; Score = 50.0

0 _TQGGSEKLVFGKGTCLTVNP_ 21
 || | | || |||| || |
0 _T-GAANKIIFGTGKIVIVNS_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ16_F_61956441_61956530 (F) TRA
Aligned with TRAJ12*00 from built-in ; Score = 50.0

0 ESGGYKLVFGSGTRLLV-SA_ 19
 | | ||||| | | | |
0 ATDGLKIVFGSGTKLIVDSS_ 20

JBegin: already set
CDR3EndFR4Begin: 27
FR4End: already set
inferred position differs from existing value. existing: 62, inferred: 61
=====

Processing: a0ncmyk_TRAJ30_ORF_61963934_61964026 (F) TRA
No alignments found.

Processing: a0ncmyk_TRAJ36_F_61967018_61967103 (F) TRA
Aligned with TRAJ8*00 from built-in ; Score = 55.0
0 NTGFQKLVFGTGTQLLVSP_ 19
||| | || ||||| | |
0 NTGY-KITFGVGTQLIVQA_ 18

JBegin: already set
CDR3EndFR4Begin: 24
FR4End: already set
inferred position differs from existing value. existing: 56, inferred: 55
=====

Processing: a0ncmyk_TRAJ61_F_61978659_61978767 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ75_F_61984005_61984100 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ11_F_61953841_61953929 (F) TRA
Aligned with TRAJ49*00 from built-in ; Score = 54.0
0 _NTGYQNFYFGKGTSLTVIP_ 20
|| | | ||| | | |
0 _NNGWNNIYFGGEGIKVIIQP_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 2
CDR3EndFR4Begin: 29
FR4End: already set
=====

Processing: a0ncmyk_TRAJ81_F_61986911_61987007 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ58_F_61976415_61976508 (F) TRA
Aligned with TRAJ45*00 from built-in ; Score = 52.0
0 _TEGA-DRLTFGKGTQLIIQP_ 20
|| | | ||||| |||| |
0 _TTGVGDKIIFGKGTILIIQS_ 21

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 32
FR4End: already set
inferred position differs from existing value. existing: 64, inferred: 63
=====

Processing: a0ncmyk_TRAJ57_F_61976102_61976193 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ79_F_61985971_61986067 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ77_F_61984646_61984742 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ74_F_61983670_61983764 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ24_F_61961661_61961758 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ52_F_61974509_61974602 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ39_F_61968290_61968383 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ73_F_61983316_61983412 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ13_F_61954436_61954526 (F) TRA
Aligned with TRAJ22*00 from built-in ; Score = 58.0
0 _SSGSWQLIFGSGTQLTVMP_ 20
| | | ||||| || | | |
0 _NDGTWKLIFGGGTHLNVES_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: aOncmyk_TRAJ60_F_61978095_61978189 (F) TRA
No alignments found.
Processing: aOncmyk_TRAJ20_F_61958004_61958098 (F) TRA
No alignments found.
Processing: aOncmyk_TRAJ63_F_61979832_61979923 (F) TRA
No alignments found.
Processing: aOncmyk_TRAJ67_F_61981089_61981176 (F) TRA
No alignments found.
Processing: aOncmyk_TRAJ43_F_61969939_61970029 (F) TRA
No alignments found.
Processing: aOncmyk_TRAJ70_F_61982387_61982484 (F) TRA
No alignments found.
Processing: aOncmyk_TRAJ22_F_61960186_61960276 (F) TRA
Aligned with TRAJ12*00 from built-in ; Score = 54.0
0 MDSSYKLIFGSGTRLLVRP_ 20
| | | | | | | | | |
0 _NDNNWKVIFGAGTKLIIEK_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: aOncmyk_TRAJ66_F_61980843_61980933 (F) TRA
Aligned with TRAJ8*00 from built-in ; Score = 58.0
0 NTGFQKLVFGTGTRLLVSP_ 20
| | | | | | | | | |
0 _NTGTEKLIFGSGTTVFVQS_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: aOncmyk_TRAJ80_F_61986569_61986659 (F) TRA
No alignments found.
Processing: aOncmyk_TRAJ10_F_61953581_61953671 (F) TRA
Aligned with TRAJ9*00 from built-in ; Score = 51.0
0 GNTGGFKTVFGAGTKLFVEA_ 20
| | | | | | | | | |
0 _NVNNWKVILGAGTKLIIES_ 20

JBegin: already set
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: aOncmyk_TRAJ7_F_61952754_61952842 (F) TRA
Aligned with TRAJ11*00 from built-in ; Score = 57.0
0 NSGYSTLTFGKGTMLLVFP_ 19
| | | | | | | | | |
0 NSGYGKITFGSGTKLIIDS_ 19

JBegin: already set
CDR3EndFR4Begin: 27
FR4End: already set
inferred position differs from existing value. existing: 59, inferred: 58
=====

Processing: aOncmyk_TRAJ15_F_61955724_61955811 (F) TRA
Aligned with TRAJ57*00 from built-in ; Score = 58.0
0 TQGGSEKLVFGKGTCLTVNP_ 21
| | | | | | | | | |
0 _TVG--VRVVFHGHTKLTVP_ 19

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 26
FR4End: already set
inferred position differs from existing value. existing: 58, inferred: 57
=====

Processing: a0ncmyk_TRAJ28_F_61963344_61963437 (F) TRA
Aligned with TRAJ6*00 from built-in ; Score = 67.0
0 _TSGGNYKLTFGKGTSLVHP_ 21
| | | | | | | | | | | | | | | |
0 _TTGGNVKLIIFGRGTQLIVDS_ 21

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 2
CDR3EndFR4Begin: 32
FR4End: already set
inferred position differs from existing value. existing: 64, inferred: 63
=====

Processing: a0ncmyk_TRAJ51_F_61974233_61974312 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ5_F_61948908_61948998 (F) TRA
Aligned with TRAJ38*01 from built-in ; Score = 51.0
0 _NAGNNRKLIIWGLGTSLAVNP_ 21
| | | | | | | | | | | | | | | |
0 _NA-NNRKVIFGVGTKLIIIEI_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 2
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ35_F_61966483_61966579 (F) TRA
Aligned with TRAJ8*00 from built-in ; Score = 56.0
0 _NTGF--QKLVFGTGTRLLVSP_ 20
| | | | | | | | | | | | | | | |
0 _TTGVGSSKLIFGTGTRLLIES_ 22

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 35
FR4End: already set
inferred position differs from existing value. existing: 67, inferred: 66
=====

Processing: a0ncmyk_TRAJ59_F_61977033_61977126 (F) TRA
Aligned with TRAJ4*01 from built-in ; Score = 62.0
0 _FSGGYNKLIFGAGTRLAVHP_ 21
| | | | | | | | | | | | | | | |
0 _TSGGFNQIIFGTGTKLIVDS_ 21

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 32
FR4End: already set
inferred position differs from existing value. existing: 64, inferred: 63
=====

Processing: a0ncmyk_TRAJ46_F_61972083_61972179 (F) TRA
Aligned with TRAJ4*01 from built-in ; Score = 59.0
0 _FSGG-YNKLIIFGAGTRLAVHP_ 21
| | | | | | | | | | | | | | | |
0 _TSGGSYGKLIFGTGTRLLIES_ 22

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 35
FR4End: already set

inferred position differs from existing value. existing: 67, inferred: 66
=====

Processing: a0ncmyk_TRAJ40_F_61968909_61968998 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ62_F_61979001_61979094 (F) TRA
Aligned with TRAJ10*01 from built-in ; Score = 68.0
0 ILTGGGNKLTFGTGTQLKVEL_ 21
 ||||| | |||| | | |
0 _TTGGGNKIVFGTGTRLIIES_ 21

JBegin: already set
CDR3EndFR4Begin: 32
FR4End: already set
inferred position differs from existing value. existing: 64, inferred: 63
=====

Processing: a0ncmyk_TRAJ76_F_61984430_61984522 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ2_F_61944644_61944735 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ9_F_61953432_61953511 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ49_F_61973525_61973612 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ71_F_61982584_61982679 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ8_F_61953191_61953279 (F) TRA
Aligned with TRAJ31*00 from built-in ; Score = 51.0
0 _NSNNRIFFGDGTQLVVKP_ 19
 || | | | | ||||
0 _NTGNKIIFGVGTQLIIQAS 19

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 26
FR4End: already set
inferred position differs from existing value. existing: 59, inferred: 57
=====

Processing: a0ncmyk_TRAJ21_F_61958962_61959056 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ47_F_61972643_61972730 (F) TRA
Aligned with TRAJ31*00 from built-in ; Score = 54.0
0 _NSNNRIFFGDGTQLVVKP_ 19
 || | | | | ||||
0 _NTGNKITFGVGTQLIIQA_ 19

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 26
FR4End: already set
inferred position differs from existing value. existing: 58, inferred: 57
=====

Processing: a0ncmyk_TRAJ27_F_61962673_61962763 (F) TRA
Aligned with TRAJ9*00 from built-in ; Score = 53.0
0 GNTGGFKTIFGAGTRLFVKA_ 20
 || | || | | |||| |
0 _YAGGGKIFGSGTSLFVKT_ 20

JBegin: already set
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ37_F_61967238_61967325 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ1_F_61944197_61944292 (F) TRA
No alignments found.

Processing: a0ncmyk_TRAJ6_F_61949397_61949487 (F) TRA
Aligned with TRAJ34*00 from built-in ; Score = 53.0
0 -SYNANKLIFGTGTRLQVFP_ 19
| ||||| || | |
0 _TYGANKLIFGLGKMTVYS_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 2
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ68_F_61981543_61981639 (F) TRA
Aligned with TRAJ32*02 from built-in ; Score = 60.0
0 _NYGGATNKLIFGTGTLAVQP_ 22
| || ||||| | |
0 _TTGGGSSKLIFGTGTRLLIES_ 22

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 35
FR4End: already set
inferred position differs from existing value. existing: 67, inferred: 66
=====

Processing: a0ncmyk_TRAJ56_P_61975809_61975899 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ29_F_61963613_61963703 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ32_F_61965191_61965281 (F) TRA
Aligned with TRAJ54*01 from built-in ; Score = 56.0
0 _IQGAQKLVFGQGTRLTINP_ 20
|| || | || || | |
0 _IGGANKIIFGTGTKVIVNS_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ50_F_61973676_61973766 (F) TRA
No alignments found.
Processing: a0ncmyk_TRAJ64_F_61980048_61980138 (F) TRA
Aligned with TRAJ9*00 from built-in ; Score = 70.0
0 GNTGGFKTVFGAGTKLFVEA_ 20
|| || | || || | |
0 _NTGGFKIIFGTGKLVNS_ 20

JBegin: already set
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ4_F_61948527_61948614 (F) TRA
Aligned with TRAJ9*00 from built-in ; Score = 58.0
0 SNMGYKLTFGTGSLLVDP_ 19
| ||| || | | | |
0 _NTGYKITFGVGTQLIIQA_ 19

JBegin: already set
CDR3EndFR4Begin: 26
FR4End: already set
inferred position differs from existing value. existing: 58, inferred: 57
=====

Processing: a0ncmyk_TRAJ18_F_61956936_61957029 (F) TRA
Aligned with TRAJ6*00 from built-in ; Score = 63.0

0 _TSGGNYKLTFGKGTSLVHP_ 21
| | | | | | | | | | | | |
0 _TTGGGYKIVFGTGTRLIKS_ 21

JBEGIN: already set
inferred position differs from existing value. existing: 0, inferred: 2
CDR3ENDFR4BEGIN: 32
FR4END: already set
inferred position differs from existing value. existing: 64, inferred: 63
=====

Processing: a0ncmyk_TRAJ19_F_61957366_61957459 (F) TRA
Aligned with TRAJ4*00 from built-in ; Score = 63.0

0 _LSGGFNKLTFGAGTRLAVYP_ 21
| | | | | | | | | | | | | | | | |
0 _TADGFNKIIFGTGKLIIVYS_ 21

JBEGIN: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3ENDFR4BEGIN: 32
FR4END: already set
inferred position differs from existing value. existing: 64, inferred: 63
=====

Processing: a0ncmyk_TRAJ3_F_61945002_61945089 (F) TRA
Aligned with TRAJ6*00 from built-in ; Score = 52.0

0 _TSGGNYKLTFGKGTSLVHP_ 21
| | | | | | | | | | | | | | | | |
0 _TSG--FKISFGNGIQLIVHS_ 19

JBEGIN: already set
inferred position differs from existing value. existing: 0, inferred: 2
CDR3ENDFR4BEGIN: 26
FR4END: already set
inferred position differs from existing value. existing: 58, inferred: 57
=====

Processing: a0ncmyk_TRAJ53_F_61974983_61975079 (F) TRA
Aligned with TRAJ10*01 from built-in ; Score = 59.0

0 _ILTGGGN-KLTFGTGTQLKVEL_ 21
| | | | | | | | | | | | | | | | | |
0 _TTGGGNSKIIFGTGTQLIVDS_ 22

JBEGIN: already set
CDR3ENDFR4BEGIN: 35
FR4END: already set
inferred position differs from existing value. existing: 67, inferred: 66
=====

Processing: a0ncmyk_TRAJ69_F_61982200_61982290 (F) TRA
Aligned with TRAJ27*00 from built-in ; Score = 55.0

0 _NSNAGKLTFGDGTRLVKP_ 20
| | | | | | | | | | | | | | | | | |
0 _SNSGGKLTFGTGKLIET_ 20

JBEGIN: already set
inferred position differs from existing value. existing: 0, inferred: 2
CDR3ENDFR4BEGIN: 29
FR4END: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ31_F_61964234_61964327 (F) TRA
Aligned with TRAJ10*00 from built-in ; Score = 58.0

0 _ILMGGGNKLTFGGTGTQLKVEL_ 21
| | | | | | | | | | | | | | | | | |
0 _TVGGGSKITFGTGTRLILKS_ 21

JBEGIN: already set
CDR3ENDFR4BEGIN: 32
FR4END: already set

inferred position differs from existing value. existing: 64, inferred: 63
=====

Processing: a0ncmyk_TRAJ33_F_61965686_61965776 (F) TRA
Aligned with TRAJ9*00 from built-in ; Score = 56.0
0 GNTGGFKTIFGAGTRLFVKA_ 20
| || | || | || |
0 _NAGGQKLIFGSGTTVFVQS_ 20

JBegin: already set
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ65_F_61980371_61980461 (F) TRA
Aligned with TRAJ8*00 from built-in ; Score = 52.0
0 _NTGFQKLVFGTGRLLVSP_ 20
| | | || || | |
0 _TLGANKIIFGTGTVIVNS_ 20

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 29
FR4End: already set
inferred position differs from existing value. existing: 61, inferred: 60
=====

Processing: a0ncmyk_TRAJ72_F_61983092_61983180 (F) TRA
Aligned with TRAJ12*00 from built-in ; Score = 53.0
0 ESGGYKLVFGSGTRLLVSA_ 19
| | || || || || |
0 NDGSTKIIFGRGTRLLVLS_ 19

JBegin: already set
CDR3EndFR4Begin: 27
FR4End: already set
inferred position differs from existing value. existing: 59, inferred: 58
=====

Processing: a0ncmyk_TRAJ55_F_61975508_61975601 (F) TRA
Aligned with TRAJ57*00 from built-in ; Score = 62.0
0 _TQGGSEKLVFGKTKLTVNP_ 21
| | || | || || || | |
0 _TTGGLDKIIFGTGKLIIVDS_ 21

JBegin: already set
inferred position differs from existing value. existing: 0, inferred: 1
CDR3EndFR4Begin: 32
FR4End: already set
inferred position differs from existing value. existing: 64, inferred: 63
=====

12:27:53.047 INFO - /Users/Ana/Oncorhynchus_mykiss-TRA.J.json.gz compiled successfully.
12:27:53.082 INFO - Merged successfully.
a0ncmyk_Chr8_CM023226.2_TRAV17-3_TRAV_130-35_F_61467747_61468085 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GAGAAGATTCAGTCATTCAGCCACCAGGAGATGTGATCACTACTGAGGGAGAACAGGTCACACTGGGCTGTCAATTTGATGCA
GTTAATATAAATAATCTCAACCTGTTCTGGTACAAGCATGAATTAATGGATTCCCAGAGTTCATGCTGGGACGTTTTTCTTT
TGGAAGTAAAAATGCCACTGAGTTCAAGGATAGATTTGATGCCAATCTCGATGCAGGCTCCAAGTCAGTCCCCTTGACGATCC
AGAGGGTGCAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAGCCC
AA:
EKIQSFHQEM*SLLRENRSWAVNLMQLI*IISTCSGTSMN*MDSQSSCWDVFLLEVKMP LSSRIDLMPISMQAPSQSP*RS
RGCSCLTLLCTTVL*A_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV7-3_TRAV_67-98_F_61671979_61672317 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGACAATGTCCAACAGCAACCAGGAAGTGTGATTGCTACAGAAGGAGGATTGGTAACACTGAGTTGTCAATACAACACCAGT
GCTACTAATTTTTGCCTATCTCTATTGGTACAAACAAGAAGCAAATGACTTCCCTAAACAAATGCTGAGCCGTTTTTCTACTGG
ATCTGGAGACAATGCTGCAGGGTTCAAGGAGAGATTCAATGCAAGTCTAAATGCCAAGACACAATCAGTCCCCTTGACGATCC
AGAGGTTGCAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAGGCC
AA:
VTMSNSNQEV*LLQKEDW*H*VVNTTPVLLILPISIGTNKKQMTSLNKC*AVFLLDLETMLQGSRRDSMQV*MPRHNQSP*RS
RGCSCLTLLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV3-12_TRAV_153-12_ORF_61381115_61381471 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2

Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part

Nt: Not Available
AA: Not Available

VRegion

Nt:

GTTTTAAAGTATTCAATGTTATATGTGTTTTATGTTTTACAGGTGTCAGTTCTGAACAGGAATTAACACCCTACACTGATGTA
GAAGTGTCTTCAGAAAGGGACAGAGTTACTCTCTTTGAACTACACCTCTGGTGACACTCTTCAATGGTATCGACAACATCC
CAAATCAGCACCCAGTTACTGGTTATGGAGTATGCGGATATTACGCCAGGATTCACTCTAAGTCATGACAAAAATGCCAAAC
GTACGGATCTGAACATCTCCTCTGCTGAAGTGACGGACTCTGCTCTGTACTACTGTGATCTGAGA

AA:

VLKYSMLYVFYVLQVSVLNRN*HPTLM*KCLQKGTLLSLVTTPLVTLFNGIDNIPNQHHSYWLWSMRILRQDSL*VMTKMPN
VRI*TSPLLK*RTLLCTTVI*_

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV3-11_TRAV_145-20_F_61398654_61398971 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTCTCAGTTCTGAACAGATATTATCACCTACACTGATGTAGAAGTGGCTTCAGAAAGGGACAGAATTACTCTCTCTTGTAAAT
TACTCTTCTGGTGTCACTCTTCAATGGTATCGACAATATCCCAATTCAGCACACAGTTACTGGTCATGGAACATATGACTGC
AAAAACACCAGGGTCTTACTAAATCATGACAAAAAAGCCAAACGTGTGGATCTGGAGATCTCCTCTGCTCAAGTGACAGACT
CTGCTCTGTACTACTGTGCCATAGAGCC
AA:
VSVLNRYHPTLM*KWLQKGTLLSLVITLLVSLFNGIDNIPIQHHSYWSWNI*LQKHQGSY*IMTKKPNVWIWRSPLLK*QT
LLCTTVP*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV7-1_TRAV_14-151_F_61829993_61830301 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part

Nt: Not Available
AA: Not Available

VRegion

Nt:

GTGTGATTGCTACAGAAGGAGGACTGGTAACACTGAGTTGCCAATATAACACCAGTGCTAATAATGCATATCTATATTGGTTC
AAACAAGAAGAAAATGACTTCCCTAAATACATGCTGAGCCGTTATTCATTTGGATCTGGAGACAATGCTACAGGGTTCAAGGA
GAGATTTGATGCCCGTCTCGATGCGGACTCAAATCAGTCCCCTTGACGATCCAGAGGGTGCAGCTGTCTGACTCTGCTGTGT
ACTACTGTGCCCTGCAGCC

AA:

V*LLQKEDW*H*VANITPVLIMHIYIGSNKKKMTSLNTC*AVIHLDLEMLQGSRRDLMPVSMRTQNQSP*RSRGCSCLTLLC
TTVPCS_

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV9-4_TRAV_139-26_F_61430116_61430451 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2

Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion

Nt:
GAGACAGAGTGTTACAGCCAAAAGGAGTTGAGATGGCTACCGAAGGCGGACAAATAACACTTGTCTGTCTATTATGAAACAGAC
AATCCAAGTCCATATCTATTCTGGTACAAACAGCGAGCAAACGACTTCCCAAGTATATGTTTATGCGGCACAAATTTGGAAC
TGGGGACAATGCTACTGAGTTCAAGGAGAGATTTTCATGCTGATCTAGATGCCAGCTCCAATCAGTCCCCTTGACGATCCGGA
GGGTGCAGCTGTCTGACTCTGTGTGTACTACTGTGCTCTGAAACC
AA:
ETECYSQKELRWLPKADK*HLSVIMKQTIQVHIYSGTNSEQTTSPSICLCGTNLELGTMLLSSRRDFMLI*MPAPNQSP*RSG
GCSCLLTLLCTTVL*N_

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV3-9_TRAV_104-61_F_61544393_61544710 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2

Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part

Nt: Not Available
AA: Not Available

VRegion

Nt:
GTCTCAGTTCTGAACAGGTATTATCACCTACACTGATGTAGAAGTGGCTTCAGAAAGGGACAGAATTACTCTCTCTTGTAAAT
TACTCTTCTGGTGTCACTCATCAATGGTATCGACAATATCCACAATCAGCACCCTGTTACTGGTCATGGAACATATGCTTGC
AAAAACACCAGGGTTCTTACTAAATCATGACAAAAAGCCAAACGTGTGGATCTGGAGATCTCCTCTGCTCAAGTGACAGATT
CTGCTCTGTACTACTGCGCCTTGACGCC

AA:
VSVLNRYHPTLM*KWLQKGTELLSLVITLLVSLINGIDNIHNQHHCYWSWNICLQKHQGSY*IMTKKPNVWIWRSPLLK*QI
LLCTTAPCS_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ17_F_61956656_61956747 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGACAAGTGCGAACAACTCATATTCGGTCAAGGAATAAAGCTGACTGTTGACACACGTAAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ48_F_61973030_61973120 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGATTACTAACAACCAGAAAGTCATATTTGGAGCAGGAACTAAATTGGTAATTGAAACAAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV6-4_TRAV_112-53_F_61522601_61522945 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2

Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part

Nt: Not Available
AA: Not Available

VRegion

Nt:
GTGGCTGTCAAGGGAAGGACATTACTCCAACAACAGATAAGGTGTTGGGTTGGAGGGTGATGTCATAAATCTGTCCTGTAAC
TACTCCTCTGCTAGTACTCTCCAGTGGTATCAACAGTACCCTGGATCATCTCCAAATTCCTTCTCCTACTACAGTCTCCTC
AAACCCCTCTGTAGTGAACGCTACTCCTCCATACCCACATCTGTCTATTAAGGAGAGAACCCGTGTGGATCTGG
AGATCTCCTCTGCTGATGAAACAGACTCTGCTCTGTACTACTGCGCCCTGGAGCC
AA:
VAVKGRLLQQQIRCLGWRVMS*ICPVTTPLLVLSSGINSTLDHLPNSFSSLQSPQTPL**TLLHHTHICLLN*IRREPVIW
RSPLLMKQTLLCTTAPWS_

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available

=====

a0ncmyk_TRAJ14_P_61955231_61955325 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGAATGATGGAACCTCGAGGATTGAACTTTGGAACCTGGAACAACACTGTCAATATAATCTAGTAAG
AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV20-1_TRAV_51-114_F_61714316_61714651 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTACAAGTGTTGAAGACATAATTAGTCCAGACAGAGATGTTGGATGATATGGATGGTTGTAGTGTTCAACTCTCCTGTAGA
TACAACAGCTCATTAAACCAACAGTCTGTTATGGTACCTACAGCACCTGGATCCTCTCCACAGTTCCTCATAGTGGACTACTC
TGGGATCATAACCAACACTGATAGTACACAATGGACCCTCATAATGAAGAAGAGGACAACCGTGTGGATCTGGATATCTCTT
CTACTGAACTGACCGACTCTGCTCTGTACTACTGTACCCTGAAGCC
AA:
VQVLKT*LVQTEMLWMIWMVVVFNSPVDTTAH*PTVCYGYSTLDPLHSSS*WTTLGS*PTLIVHNGPSYMKRRTTVWIWISL
LLN*PTLLCTTVP*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV16-4_TRAV_158-7_F_61358108_61358464 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGAAAGTTGTGGGGATGGAATTCCTCCAACAGTCTTGAGGAGGATGTGATACATGGTGGCAGTGTGCATGCTTTCCTGTAAC
TACACAGTATCTGGTGGAGGCAGTGTCTTATGGTATCACCAATATCACACATCTGCTCCCAATTCCTCCTCCTCCTCATT
GTATTCAGCATCTGCTGAGACAAAAGTTACTGCAGATCCACCATATCCTCGACTGTCAGTTAATGTTGACAAAGTGGCTGAAC
GTGTGGATCTGAAGTCTCCTCTGCTGAAGTGACAGACTCTGCTCTGTACTACTGTGCTCTGAAGCC
AA:
VKVVGMEFPPTVLRM*YMVAVSCFPVTTQYLVEAVSYGITNITHLLPNSSSSSHCIQHLLRQKLLQIHHILDCQLMLTKWLN
VWI*RSPLLK*QTLCTTVL*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV10-7_TRAV_95-70_ORF_61561603_61561947 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GGTCCAGAGCAGAAGAGAATGTAAGACAGCCAACAGAAGATGTAATGGTCGTAGAAGGACACCCAACAACACTCACTTGTCTA
TTTGATACAACCTTCCATCACCATATCTCTTCTGGTACAACTAGCAAATGCCAAGCCATTTTTATGCTGAGAAGGGATAC
ATTTTCACCTGGGAAACTACTACTGAGTTCAAGGACAGATTTGATGCACATCTGAATGTCACAGGAAAATCAGTCCCCTTGA
CGATCCAGAGGTTGCAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAGGCC
AA:
GPEQKRM*DSQQKM*WS*KDTQQHSLVYLIQLLHHHISSGTN*QMPSPFLC*EGIHFLGKLLSSRTDLMHI*MSQENQSP*
RSRGCSCLLTLLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV16-1_TRAV_26-139_F_61795987_61796338 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTGATAGTTACGGGGATGGAATTTCTCCATCCGTCTTGAGGAGGATGTGATACATGGTGGCAGTGTCAAGCTTTCTGCAAC
TACACAGTATCTGGTGGAGGCAGTGTCTTATGGTATACCAATATCACACATCTGCTCCCAATTCCTCCTCCTCCTCAGT
CTATTCAGCATCTGCTGAGACAAAAGTTACTGCAGATCCACCGTATCCTCGACCATCAGTTAACGTTGACAAAGTGCCGAAT
GTGTGGATCTGGAGATCTCCTCTGCTGACAGACTCTGCTCTGTACTIONACTGTGCCCTGAGGCC

AA:

VIVTGMFPPSVLRRM*YMVAVSSFPATTQYLVEAVSYGITNITHLLPNSSSSSQSIQHLLRQKLLQIHRILDHQLTLTKWPN
VWIWRSPLLTDSALYYCALR_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ78_F_61985287_61985382 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: AATGCCAGGTGGGAGGAAAGCTTATTTTTGGGAGTGAACAAAAATGATTGTGGGGACACGTAAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV16-3_TRAV_154-11_ORF_61376213_61376567 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
ATAGTTGTTGGGGTTGGAATTTTCTCCAACAGTCTTGAGGAGGATATGATACATGGTGGCAGTGTCAAGCTTTCCTGCAACTA
CACAGTATCTGGAGGAGGCAGTGTCTTATGGTATCACCAATATCACACATCTGCTCCCAATTCCTCCTCCTCCTCAGTGT
ATTCAGCATCTGCTGAGACAATAGTTACTGCTGATTACCATATCCTCGACTGTCAGTTAATGTTGACAAAGTGGCTGAACGT
GTGGATCTGAAGATCTCCTCTGCTGAAGTGACAGACGTTACTGCGTACCACTGTTCTCTGAGGCC
AA:
IVVGVGIFSNSLEEDMIHGGSVKLSCNYTVSGGGSVLWYHQYHTSAPQFLLLLSVYSASAETIVTADSPYPRLSVNVDKVAER
VDLKISSAEVTDVTAYHCLSR_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ61_F_61978659_61978767 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt:
TGACAAGTGCGAACAAACTCATATTCGGTCAAGGAATTTATTTTTTTTTATTTTTTTTTATTTTACCTTTATTTAACCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV2-4_TRAV_31-134_F_61788292_61788621 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2

Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part

Nt: Not Available
AA: Not Available

VRegion

Nt:

GAGGAAATAATATCAAAACTGAAGAGTGTGTTTTGAGGGTGACGGTATTACTCTGTCCTGCAACTACACTGGCTCTTACAGT
ATTGATACTTTACTGTGGTACCAACAATACACCAGAACAGAACCAGAATTCCTGTTCTTCATCACTGAAGAAGCGTTTAAGAC
ACATAATAAATCAACCCATCCTCGACTGCCTGTTAAACTGAATGATGAGAAGACTAATGTGGATCTGAAGATCTCCTCTGCTG
AAGGGACAGAGACTGTTCTGTACTACTGTGCCTTGAATC

AA:

EEIISKLKSVFLRVTVLLCPATTLALTVLILYCGTNNTP EQNQNSCSSSLKKRLRHIINQPILDCLLN*MMRRLMWI*RSPLL
KGQRLFCTTVPCN_

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV4-2_TRAV_86-79_F_61593477_61593818 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTGACAGTTTTTCTCCAGACCATCCAGCCAAACCAACATGAAGTGTATGGAGAGGATGGTAGCAATGTTAAACTTTCTGCATC
TGCTCCTCTGCATACAGTGTACTGTGGTATAAACAGTATCCAGGATCAGTTCCCAATACCTTCTGCTCATCCACCATGCCTC
TAGGACTGTAGTGAGAGCTAAACCTCTATACCCTCGCATCCCTGTTAAACTGAACAAAGAGAAGAACTGTACAGATCTGGAGA
TCTCCTCTGTTGAAGTGAATACTCTGCTCTGTTCTACTGTGTTGTGACGTC

AA:

VTVFSRPSSQTNMKMERMVAMLNFPASAPLHTVYCGINSIQDQFPNTFCSSTMPLGL**ELNLYTLASLLN*TKRRTVQIWR
SPLLK*NTLLCSTVL*R_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ81_F_61986911_61987007 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: GTCGGCTGGCTCTAACAAATAAGCTGATTTTTGGATCTGGAGTGAATGTCATTGTGCAATCCCGTAAG

AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV9-3_TRAV_129-36_F_61468454_61468789 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GAGACAGAGTGTTACAGACAAAAGGAGTTGAGACGGCTGCTGAAGGAGGACAAATAACACTTGTCTGTCTGATTATGAAACAGAT
GATTCAGGTCCATATCTATTCTGGTACAAACAGCGAGCAAACGACTTCCCAAGTATATGCTTATGCGGTTCAAATTTGGAAC
TGGGGACAATGCTACTGAGTTCAAGGAGAGATTTTCATGCCGATCTAGATGCCAGCTCCAAATCAGTCCCCTTGACGATCCAGA
GGGTGCAGCTGTCTGACTCTGCCGTGTACTACTGTGCTCTGAGGCC
AA:
ETECYRQKELRRLKEDK*HLSVIMKQMIQVHIYSGTNSEQTTSPSICLCGSNLELGMTLLSSRRDFMPI*MPAPNQSP*RSR
GCSCCLTPCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available

AA: Not Available
=====

a0ncmyk_TRAJ57_F_61976102_61976193 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACAAGTGGGAGCAAAGTCATATTCGGTCAAGGAACAAAGCTGACCATTGACACACGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV19-8_TRAV_138-27_F_61432822_61433163 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion

Nt:

GTGGCAGTTATGAGCAGACTATCAAGCCAAACCAACATGAAGTGTATGCAGAAGTGGGTAGTAATGTTCTTCTTTCTGCAAC
TACTCTCAGCGTACAATCTACTATGGTATAAACAGTCTCCAGGATCAGCTCCCAATATCTTTTGCTCATCCGCACTCCAC
TGGGACTGAATATAGAGATGATTCTCTTGACTCTCGTCTTCTGGTAACTGAATGAAGAGAAGACCCGTGGATCTGGAGA
TCTCTCTGCTGAAGTGACAGACTCTGCTATGTACTACTGTGCGCTGACTCC

AA:

VAVMSRLSSQTNMKCMQKWVVMFFFPATTPQRTIYYGINSLQDQLPNIFCSSRTPLGLNIEMILLTLASLVN*MKRRPVWIWR
SPLLK*QTLCTTVR*L_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV10-9_TRAV_142-23_F_61416342_61416686 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GGTGCAGAGCAGAAGAGAATGTAACACAGCCAACAGAAGATGTAATGGTCGTAGAAGGACAACCAACAAAACACTCAGTTGCCTA
TTCGTCACAACACTGATCAATCACCATATCTCTTCTGGTACAAACAACACTAGCAAATGGCAAGCCCATGTTAATGCTGAGAAGGGA
GAGGTTTGGAGTTGGGGAAACTGCTACTGAGTTCAAGGATAGATTTGATGCCCATCTGAATGTCACAGCAAAGTCAGTCCCCT

TGATCCAGAGCGTGCAGCTGTCTGACTCTGCTGAGTATTACTGTGCTCTGAGGCC

AA:

GAEQKRM*HSQQKM*WS*KDNQQNSVAYSSQLINHHISSGTNN*QMASPC*C*EGRGLELGKLLSSRIDLMPi*MSQSQSP
*SRACSCLTLLSITVL*G_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ52_F_61974509_61974602 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGACTGACTCTGGACTGAAGAAGGTCATTTTTGGAACAGGAATTGAATTGATCATTGAAACCAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV3-7_TRAV_96-69_F_61560031_61560345 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTCTCAGTTCTGAACAGGTTTTAACACCATACAGTGATGTAGAAGTAGCTTCAGAAAGGGACAGAGTTACTCTCTCTTGTAAC
TACTCTCTGGTGACACTCTTCAATGGTATCGACAATATCCAATTCAGCACCAAAGTTACTGGTTAACGAGTACGTGGATAT
TACACCAGGGTTCCTCTAAATCATGACAAAAAGCCAAACGTGTGGATCTGGAGATCTCCTCTGCTGAAGTGACAGACTCTG
CTCTGTACTACTGTGCCCTGGTGCC
AA:
VSVLNRF*HHTVM*K*LQKGTELLSLVTTPLVTLFNGIDNIPIQHSYWLSTWILHQGSL*IMTKKPNVWIWRSPLLK*QTL
LCTTVPWC_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ39_F_61968290_61968383 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACTGACTCTGGAATAAGGAAGGTCATTTTTGGAACAGGAATTGAATTGATCATTGAAACCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ60_F_61978095_61978189 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACTCTGTCAAGCAGTAAAGTCATCTTTGGAACAGGGACCAAACCTAATTATTGAAACCAGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV3-10_TRAV_143-22_F_61399748_61400107 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGTGTGTAGAGTATTACATCATGTAATATTATGTTTTACAGGTCTCAGTTCTCCACAGGAAATAACACCCTACACTGATGCA
GTGCTGGCTTTGGACGGGGACAGAGTTACTCTCTTTGTAACACTCCTCTGGCAGCTATCTTCAATGGTATCGTCATTATCT
GAAATCAGCACCACAGTTACTGGTTATGGAATATATGCCTGGGAAAACACCAGGGTTCACTCTAAATCATGACAAAAAGGCCA
AACGTGTGGATCTGGAGATCTCCTCAGCTGAAGTGACAGACTCTGCTCTGTACTACTGTGCTCTGATTCC
AA:
VCVEYYIM*YYVLQVSVLHRK*HPTLMQCWLWTGTELLSLVTTPLAAIFNGIVII*NQHHSYWLWNICLGKHQGS*IMTKRP
NVWIIWRSPQLK*QTLCTTVL*F_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV18-5_TRAV_118-47_F_61505092_61505422 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAATGGTACGTGGAGATAGTGTGACTCCTGACAAGGAGGAGTACACCCCACTGAGGGATCATCAGTGTCTCTGAGATGTTCA
CATGAAACAAGCAGTGATGATATTTTACTTTACTGGTACAGGCATTATCCTAACCAGGCTCCTCAGTTTCTACTGTATAAAGG
TGCCAGATCAAGGAGCAGTGAACACATGCCTGATAAGAGATATAAATCCACAACATCAACTGAATTGCTTGTAACAAGTGTA
CCCCGACAGACACAGCTCTCTACTACTGTGCTCTCACGGAA

AA:

EWYVEIV*LLTRRSTPPLRDHQCL*DVHMKQAVMIFYFTGTGIILRLLSFYCIKVPDQGAVNTCLIRDINPQHQLNCL*QV*
PRQTLSTTVLSR_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV16-2_TRAV_48-117_F_61720895_61721236 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GGGATGAACTTTTCTCCAATAGTCTTGAGGATGTGATACATGGTGGAAAGTGCAAGCTTCTGTAACACACAGTATCTGGT
GGAGGCAGTGTCTTATGGTATCACCAATATCACACATCTGCTCCCAATCCTCCTCCTCCTCAGTGTATTCAGCATCTGC
TGAGACAATAGTTACTGCTGATTACCATATCCTCGACTGTCAGTTAATGTTGACAAAGTGACCGACTGTGTGGATCTGGAGA
TCTCCTCTGCTGAAGTAACAGACTCTGCTCTGTACTGCTATGCACTAAGGCC
AA:
GMNFSPIVLRM*YMVEVSSFPVTTQYLVEAVSYGITNITHLLPNSSSSSQCIQHLLRQ*LLLIIHHILDCQLMLTK*PTVWIWR
SPLLK*QTLCTAMH*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ20_F_61958004_61958098 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAATGCGAATGGATTCAAATCATCTTTGGGACAGGCACAACATTAATAGTTAACTCAAGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ63_F_61979832_61979923 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACAAGCACCAACAAGGTCATATTCGGTCAAGGAATAAAGCTGACTATTAACACAGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ67_F_61981089_61981176 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGTCATACGGGAATAAATTCATACTTGGTCAAGGAACAAAGCTGATCATTCACTCAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV3-2_TRAV_41-124_F_61750400_61750717 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GAATCAGTTCAGAACAGATATTAACACCCTACACTGATGTAGAAGTGGCTTCAGAAAGGGACAGAGTTACTCTCTCTTGTAAC
TATACCTCCTCTGTTAACACTCTTCTATGGTATCGACAATATCCCAAATCAGCACCACAGTTACTGGTTAAGGAGTATGCAGA
TATTACACCAGGGTTCACTCTAAATCATGACAACAATGTCAAACGTATGGATCTGGAGATCTCCTCTGCTGAAGTGACAGACT
CTGCTCTGTACTACTGTGCTCTGAAGCC
AA:
ESVQNRV*HPTLM*KWLQKGTTELLSLVTIPLLTLFYGIDNIPNQHHSYWLRSMQILHQGSL*IMTTMSNVWIWRSPLLK*QT
LLCTTVL*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ70_F_61982387_61982484 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACAAGAGGGAATAGTAACAGGCTTATCTTTGGAAACGGAACCCAACCTGTTAGTTGAATCTGGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV12-5_TRAV_164-1_F_61342201_61342549 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2

Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part

Nt: Not Available
AA: Not Available

VRegion

Nt:

ATTGCAAAGGCCGAAGAGGGTGTTGAACAGCAGAGTGGACATGTTACTGCCCTTGAAGGAGGACTGGTAACACTAAGTTGTAAC
TATACTACTAGTAGTCCATCTTCTAATCTCTTCTGGTACGTCCAGTTACCCAGGGACTCTCCTCAGTATGTCCTGAGAAGAGA
TCGTTATTTCAGAAGGGAGCAATAGTGATGAGTTCAAGAAGAGGTTTGATTCCAGACTGAATTTACATCTAGCTCTGTCCCCT
TGACGATCCAGAGGTTGCAGGTGTCTGACTCTGCTTTGTACTTCTGTGCTCTGAGGCC

AA:

IAKAKRVLNSRVDMLLPLKEDW*H*VVTILLVVHLLISSGTSSYPGTLSSMS*EEIVIQKGAIVMSSRRGLIPD*ISHLALSP
*RSRGCRCCLTLLCTSVL*G_

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available

=====

a0ncmyk_TRAJ80_F_61986569_61986659 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: AATGCTCAGGGGCAGGAAAGATACATTTTGGGAATGGAATCAAATGATTGTGGGAACAC
AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available

=====

a0ncmyk_TRAJ10_F_61953581_61953671 (F) TRA : 8022

WARNINGS:

CDR3 does not end with W or F, was: CTT / L / CDR3End: 29

JRegion

Nt: TGAATGTTAATAACTGGAAAGTAATACTTGGAGCAGGAACTAAATTGATAATTGAATCAAG
AA: _NVNNWKVILGAGTKLIIES_

GermlineJCDR3Part

Nt: TGAATGTTAATAACTGGAAAGTAATACTT
AA: _NVNNWKVIL

FR4

Nt: GGAGCAGGAACTAAATTGATAATTGAATCAAG

AA: GAGTKLIIES_
=====

a0ncmyk_Chr8_CM023226.2_TRAV10-1_TRAV_15-150_F_61828952_61829299 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GGTGCAGAGCAGAAGAGAGTGTAATACAGCCAACAGAAGATGTAGAGGTCGTAGAAGGACAACCAACACAACACTCAGTTGTACA
TTTGATACCACTGATCTATCACCATATCTCTTCTGGTACAAACAACAAGCAAATGGCAAACCCATGTTTATGCTGAGAGAGGA
TACATTTGGAACGGGGAACTGCTACTGAGTTCAAGGAGAGATTTTCATGCCCGTCTGAATGTCACAGCAAAGTCAGTCCCCT
TGACGATCCAGAGGTTACAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAGGCC
AA:
GAEQKRV*YSQQKM*RS*KDNQHNSVVHLIPLIYHHISSGTNKKQMANPCLC*ERIHLELGKLLSSRRDFMPV*MSQQSQSP
*RSRGYSCLTLLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV17-5_TRAV_152-13_F_61384664_61385002 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GAGAAGATTCAGTCATTCAGCCACCAGGAGATGTGATCACTACTGAGGGAGAACAGATCACACTGGACTGTCAATTTGATGCA
GATGATACTAGAAAATCTCTACCTGTTCTGGTACAAGCATGAAGTAAATGGCTTCCCAAAGTTCATGCTGGGCCGTTTTCTTT
TGGAAAGTAAAAATGCCACTGAGTTCAAGGATAGATTTCATGCCCATCTCGATGCAGACTCCAAGTCAGTCCCCTTGATGATCC
AGAGGTTGCAGCTGTCTGACTCTGCGTGGTACTACTGTGCTCTGAGGCC
AA:
EKIQSFHQEM*SLLRENRSHTVNLQMILEISTCSGTSMK*MASQSSCWAVFLLEVKMPLSSRIDFMPISMQTPSQSP**S
RGCSCLTLRGTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV18-3_TRAV_80-85_F_61603394_61603740 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAATGGTATGTGGAGATAGTGTGACTCCTGACAAGGAGGTACACCCCACTGAGAGATCATCAGTATCTCTGAGATGTACA
TATGAAACAAGCAGTGAATATGTTACCTTTACTGGTACCGGCATTATTGTAACCAGGCTCCTCAGTTTCTACTGTATAAAGG
TGCCAGATCATGGAGCTCTGAAGAACACATCCCTGATAAGAGATATAAATCCACAACATCCCGGACATCATCTGAACTGGTCA
TATCAAGCCTAACCTGGCAGACACAGCTCTCTACTACTGTGCTCTCAGGGAATATA

AA:

EWYVEIV*LLTRRSTPPLRDHQL*DVHMKQAVNMFTFTGTGIIVTRLLSFYCIKVPDHGALKNTSLIRDINPQHPGHLNWS
YQA*PWQTQLSTTVLSGNI

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV19-3_TRAV_73-92_ORF_61635183_61635513 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAGCAGACTATAGAGCCAAACCAACATGAAGGGTATGCAGAAGTGGGTAGTAATGTTCTTCTTTCTGCAACTACTCCTCAGC
AGACTCTACTATGGTATAAACAGTCTCCAGGATCAGCTCCCCGATACATTCTGCTCATCCTGGACTCCACTGGGACTGAAA
ATAGAGCTGATTCTTTGACTCTCGCTTCTCTGGTAAACTGAACAAAGAGAGGACCCGTGTGGATCTGGAGAACTCCTCTGCT
GAAGTGACAGACTCTGCTCTGTACTACTGTGCTCTGAGGCC

AA:

EQTIEPNQHEGYAEVGSNVLLSCNYSSADTLLWYKQSPGSAPRYILLILDSTGTENRADSLDSRFSGLNKERTRVDLENSA
EVTDSALYYCALR_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV6-3_TRAV_94-71_F_61563741_61564068 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTAATGACTCCAACATCAGATAAGATGTTTTGGGTTGGAGGGTGATGTCATAAATCTGTCCTGTAACACTCCTCTGCTAGTAC
TCTCCTGTGGTATCAACAGTACCCTGGATCATCTCCCATCTTCTCCTCCTCACTACAGTCTCCTCAAACCCCTCTGTAGTGA
ACGCTACTCCTCCATACCCAGACTGTCTGTTGAACTGAATAAGGAGAGAACCCTGTGGATCTGGAGATCTCCTCTGCTGAT
GAAACAGACTCTTCTGTACCCTGTGCCCTGGACCC
AA:
VMTPTSDKMFLEGDVINLSCNYSSASTLLWYQQYPGSSPIFLLLTTVSSNPSVFNATPPYPRLSVELNKERTPVDLEISSAD
ETDSSLYHCALD_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ76_F_61984430_61984522 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: AATGATGCCGGTACAAAGATCATTTTTGGGAGAGGCACAAGGCTACTAGTATTAAGTGGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV22-1_TRAV_45-120_ORF_61725122_61725466 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
CACATTACTGCTGTACAACATGAAGTCATCAGTACAGAGGGAAAACCTGTGATTCTGAGATGCTCATATGATGCAAGCTGGAA
TTATCCTCTGCTTTACTGGTACAGGCATTATGATTACCAGGCTCCTCACTTTCTACTGTATAAAGGTGCCAGATCAAGCACGA
GGGAACATATCCCTGATAAAAGATATACATCCAAAACATCTCAGACTACAACCTGAACTGATCATAACACATCTAACCTGGCA
GACACAGCTCTCTACTACTGTGCTCTCAGAGACTGTTATTATGAGAATTGTTATG
AA:
HITAVQHEVISTEGKPVILRCSYDASWNYPLLYWYRHYDYQAPHFLLYKARSSTREHIPDKRYTSKTSQTTTELIITHLTLA
DTALYYCALRDCYENCY_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV14-1_TRAV_10-155_F_61844512_61844853 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGACAGTAATGGTCAGACCATTGAGCCAGTCAGAGAGGAGTTGTGTGCTCCAGCAGGTAGTAATATTACACTTTTATGCACC
TACTCATCTGCAGTCTCTCTTCAATGGTATCTCCAGGACCCTGGATCCCCTCCTCAGTATATCCTGCTTATCCTGCATGGTGT
CGGGTCTCCATCACGGGCTCCAGGTCTGGATCCTCGACTGTCAGTCAAAGTGAATGATGAGAAGAACCCTGTAGATCTGGAGA
TCTCCTCTGCTAAAGAGAAAGACTCTGCTATGTACTACTGTGCACTGATGCC
AA:
VTVMVRPLSQSERSCVLQVVILHFYAPTHLQSLFNGISRTLDPLLSISCLSCMVSLHHLQVWILDQSN*MMRRTV*IWR
SPLLKRKTLCTTVH*C_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ71_F_61982584_61982679 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: ACTGCCAGGGGGGATACAAGCTTATTTTTGGAAGTGGAAGTAAAGTGATTGTAGAGACACGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV3-6_TRAV_88-77_F_61583574_61583903 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTCTCAGTTGTGAACAGGTTTTAACACCCTACACTGATGTAGAAGTGGCTTCAGAAAGGGAAAGAGTTACTCTCTCTTGTAAAT
TACTCTTCTGGTGTCTTCTGGTGTCACTCTCAATGGTATCGACAATATCCACAATCAGCACCCTGTTGCTGGTAATGGA
ACATATGCTTGCAAAAACACAGGGTTCTTACTAAATCATGACAAAAAGCCAAACGTGTGGATCTGGAGATCTCCTCTGCTC
AAGTGACAGATTCTGCTCTGTACTACTGCGCCTTGACGCC

AA:

VSVVNR*HPTLM*KWLQKGKELLSLVITLLVFLVSLFNGIDNIHNQHHCCW*WNICLQKHQGSY*IMTKKPNVWIWRSPLL
K*QILLCTTAPCS_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV17-4_TRAV_140-25_F_61429410_61429748 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GAGAAGACTCAGTCATTCAGCCACCAGGAGATGTGACCGCTACTGAGGGAGAACAGGTCACACTGGACTGTCAATTTGATACA
GATGATACTAGAAATCTCAACCTGTTCTGGTACAAGCATGAATTAATGGCTTCCCAAAGTTCATGTTGGGCCGTTTTCCCTTT
TGGAAGTAAAAATGCCACTGAGTTCAAGGATAGATTTGATGCCATCTCGATGCAGACTCCAAGTCAGTCCCCTTGACGATCC
AGAGGGTGCAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAGGCC
AA:
EKTQSFHQEM*PLLRENRSHTVNLIQMILEISTCSGTSMN*MASQSSCWAVFLLEVKMPLSSRIDLMPISMQTPSQSP*RS
RGCSCLLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV5-2_TRAV_20-145_F_61807471_61807818 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTGATAGTATGGAGCAGGAAACAATAACTCCAGTGAAGCCTGAAGTCAATGCTCTCCAAGGAACAGACATCACTCTCTCCTGC
AACTACAAGGGCAACGTTAATAATCTACAATGGTACCGTCAATACCCCGGATCCAGACCAGAGTGTCTTCTTTGGATCCTACA
AAGCAGCATGCATGTACAGAAACAATCCATTACGACTCCAGACACACTGGTAGACTGAATGAAGAGAAGACCCGTGTTGACT
TGATGATCTCCTCTGTTGAATTGGAAGACTCTGCTCTGTACCCTGCGCCTTGACGCC

AA:

VIWWSRKQ*LQ*SLKSMLSKEQTSLSPATTRATLIIYNGTVNTPDPDQSVFFGSYKAACMYRNNPLRLHDTLVD*MKRRPVL
**SPLLNWKTLLCTTAPCS_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV3-4_TRAV_69-96_F_61664882_61665199 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGTCAGTTCTGAACAGGTTTTAACACCCTACACTGATGTAGAAGTGGCTTCAGAAAGGGAAAGAGTTCAACTCTCTTGTAAC
TACACCTCTGGTGTCACTGTTCAATGGTATCAACAACATCCCAAATCAGCACCAAATTAAGGTAATGGAACATATGACTGC
AAAAACACCAGGTTCTCACTAAATCATGACAAAAAAGCCAAACGTGTGGATCTGGAGATCTCCTCTGCTGAAGTGACAGACT
CTGCTCTGTACTACTGCGCCTTGCAAGTGCAGTCT
AA:
VSVLNRF*HPTLM*KWLQKGFNSLVTTPLVSLFNGINNIPNQHQNYW*WNI*LQKHQGSH*IMTKKPNVWIWRSPLLK*QT
LLCTTAPCS_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV10-6_TRAV_76-89_F_61628819_61629155 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAGAAGAGAATGTAAGACAGCCAACAGAAGACGTAATGGTCGTAGAAGGACACCCAACAACACTCACTTGTCTATTTGATACT
TCTCAATCACCATATCTCTTCTGGTACAAACAAGCAAAATGGCAAGCCATTTTTATGCTGAGAAGGGATGCATTTTCACC
CGGGGAATCTTCTACTGAATTCAGGACAGATTTGATGCCATCTGAATGTCTCAGGAAAATCAGTCCCCTTGACGATCCAGA
GGGTGCAGCTGTCTGACTCTGTGTACTACTGTGCTCTGAGGCC

AA:

EKRM*DSQKKT*WS*KDTQHQHSLVYLILLNHHISSGTNN*QMASPFLC*EGMHFHPGNLLLSRDLMPI*MSQENQSP*RSR
GCSCLTLLCTTVL*G_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV3-5_TRAV_83-82_F_61597281_61597595 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTCTCAGTTCGAAACAGGTTTTAACACCCTACAGTGATGTAGAAGTAGCTTCAGAAAGGGACAGAGTTACTCTCTCTTGTAACTACTCCTCTGGTGACACTCTTCAATGGTATCGACAATATCCAATTCAGCACCACAGTTACTGGTTAAGGAGTATGTGGATATACACCAGGGTCACTCTAAATCATGACAAAAAAGCCAACGTGTGGATCTGGAGATCTCCTCTGCTGAAGTGACAGACTCTGCTGTACTACTGTGCCCTGGAGCC
AA:
VSVLNRF*HPTVM*K*LQKGTELLSLVTTPLVTLFNGIDNIPIQHHSYWLRSMWILHQGSL*IMTKKPNVWIWRSPLLK*QTL
LCTTVPWS_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV20-2_TRAV_127-38_F_61476963_61477297 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTACAAGTGTTGAAGACATAATTACTCCAGACAGAGATGTAGTGAATGTTATGGAGGGTAGTAGTGTTAAACTCTCCTGTAGA
TACATCAGCTCATTAAACCAACAGTCTGTTATGGTACCTCCAGCACCCCTGGATCCTCTCCACAGTTCCTCATACTGGACTACTC
TGGGATCATAACCAACACTGATAGTACAAAATGGACCCTCATACATGAAGAAGAGGACAACCGTGTGGATCTGGAGATCTCCT
CGGCTGAAGTGACAGACTCTACTCTGTACTACTCTGCTCTGAAGCC

AA:

VQVLKT*LLQTEM**MLWRVVVLNSPVD TSAH*PTVCYGTSS TLDPLHSSSYW T T LGS*PTLIVQNGPSYMKKR TTVWIWRSP
RLK*Q T L L C T T L L * S _

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV3-8_TRAV_103-62_F_61545538_61545850 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion

Nt:
GTCTCAGTTCTCCACAGGTAATAACACCCTACACTGATGCAGTGCTGGCTTTGGACGGGGACAGAGTTACTCTCTCTTGTAAC
TACTCCTCTGGAAACTATATTCAATGGTATCGTCATTATCTGAAATCTGCACCACAGTTTCTGGTTATGGGGTATGTGGATAT
TACACCAGGGTTCACTCTAAATCATGACAAAGAAGCCAAACGTGTGGATCTGGAGATCTCCTCTGCTGAAGTGATAGACTGCT
CTGTACTACTGTGCTCTGAGGCC
AA:
VSVLHR**HPTLMQCWLWTGTELLSLVTTPLETIFNGIVII*NLHHSFWLWGMWILHQGSL*IMTKKPNVWIWRSPLLK**TA
LYYCALR_

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV10-3_TRAV_39-126_ORF_61765266_61765618 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2

Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part

Nt: Not Available
AA: Not Available

VRegion

Nt:

AGAATGTAACACAGCCAACAGAAGATGTAATGGTTGTAGAAGGACAACCAACAACACTCACCTGTCTATTTGATACAACATAAT
CAATCACCATATCTCTTCTGGTACAAACAAC TAGCAAATGGAAAGCCCATTTTTATGCTGAGAAGGGATATATTTTACCTGG
GGAATCTGCTACTGAGTTCAAGGATAGGTTTGTATGCCCATCTGAATGTCACAGCAAATCAGTCCCCTTGACGATCCAGAGGG
GGCAGCTGTCTGACTCTGCTGTGAACACTGTGCTCTGAGGCCAATTGTTACAGCAGGATATA

AA:

RM*HSQQKM*WL*KDNQQHSPVYLIQLINHHISSGTNN*QMESPFLC*EGIYFHLGNLLSSRIGLMPPI*MSQQNQSP*RSRG
GSCLTLL*TTVL*GQLLQDI

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV15-1_TRAV_9-156_ORF_61845482_61845841 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

CTGCATTTTGGTCCGCTCCTTACGACGATCGTGACAATGATATTACTCCAACCAGCCCTGAGGAGTATTATTTAGAGGGTAGC
AGAGTAAAGATCTCCTGTAACATACAGTAAAATCAGATCTGCTGTGCTACAGACAGTACCCTGGATCAGCACCCCAATTCCT
CCTCTACACTACAGTCACCTCAAAGCCCTCTGTAATAAAACCTGAAGACCCTCGACTGTCTTTAATCTGAATAAAGAGAGAA
CCTGTGTGGATCTGGAGATCTCATCTGATGAAGTGACAGACTCTGCTCTACTACTGTGACATGGAGCC

AA:

LHFGPLLTTIVTMILLQPALRSII*RVAE*RSPVTIQ*NQICCATDSTLDQHPNSSSTLQSPQSPL**NLKTLDCLLI*IKRE

PVWIWRSHLMK*QTLLSTTVTWS_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV5-4_TRAV_56-109_F_61709402_61709732 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAAACAATAACTCCAGTGAAACCTGAAGTCAACGCTCTCCAAGGAACAGACATCACTCTCTCCTGCAACTACAAGGGCAAAGT
TAATAATCTACAATGGTACCGTCAATACCCCGGATCCAGACCAGAGTGTCTTCTATGGATCCTACAAACCAGCAAGTATGTAC
AGAATACATCAATTACGACTCCACGACACACTGGTAGACTGAATGAAGAGAAGACCCGTGTTGACTTGATGATCTCCTCTGTT
GAATTGGAAGACTCTGCTCTGTACCACTGCGCCTTGCAGCC

AA:

ETITPVKPEVNALQGTDITLSCNYKGVNQLQWYRQYPGSRPECLLWILQTSKYVQNTSITTPRHTGRLNEEKTRVDLMISSV
ELEDALYHCALQ_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ50_F_61973676_61973766 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGACTTATGGAGACAACAAAGTTATATTTGGACTTGGCACAAAGATGATGTTTTTTTCCAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV23-1_TRAV_57-108_F_61697988_61698335 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTGTCAGTTACCACGACGAAATTC AACCTACAGCAAAGATAATGTATGGTGACAAAGGAGGTTTTGTTACACTGTCTTGCAAC
TACTCTGGTTCACCATACAACCTCCAATGGTATCGTCAGTATCCCAGATCAGCTCCCAAATTCCTTCTCCTCACTACAGTCTC
CTCAAACCCCTCTGTAGTGAACGCTACTCCTCCATACCCACATCTGTCTGTTAAACTGAATAAGGAGAGAACCCACCTGGATC
TGGAGATCTCCTGTCTGTTGTAACAGACTCTGCTCTGTACTATTGCGCCTTGCAGCC

AA:

VSVTTTKFNLQQR*CMVTKEVLLHCLATTLVHHTTSNGIVSIPDQLPNSFSSLQSPQTPL**TLLHTHICLLN*IRREPTWI
WRSPLLL*QTLCTIAPCS_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV14-3_TRAV_65-100_F_61673813_61674154 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTGACAGTAATGGTCAGACCATTGAACCAATCAGAGAGGAGGTGTATGCACCAGCAGGTAGTAATATTACACTTTCATGCACC
TACTCATCTGCAGTCTCTCTTCAATGGTATCTCCAGAACCCTGGATCAGCTCCTCAGTATATCCTGCTTATCCTGCATGGTGT
CGGTCTCCATCACGGCTCCAGGTCTGGATCCTCGACTGCAGTCAAATAAATAATGAGAAGAACCCTGTGGATCTAGAGA
TCTCCTCTGCTAAAGAGGAAGACTCTGCTATGTACTACTGTGCACTGAAGCC

AA:

VTVMVRPLNQSERRCMHQVIVILHFHAPTHLQSLFNGISRDLQLLSISCLSCMVSLHHGLQVWILDCQSN*IMRRTVWI*R

SPLLKRKTLCTTVH*S_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV12-1_TRAV_19-146_F_61810055_61810393 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTGAAGAGGCTGTTGACCAGCAGAGTGGACATGTTACTGCCCTTGAAGGAGGACTGGTAACACTCAGCTGTAACACTACTACC
AGTAGTCCATCTCCTGATCTCTCTGGTACATCCAGTTAACTAGGGACTCCTCAGTATGTCCTGAGAAGAGATCGTTATTC
AGAGGGGAGCAATAGTGATAAGTTAAGAAGAGGTTTGTATCCAGGATGAATTTACATCTAGCTCTGTCCCCTTGACGATTC
AGAGGTTGCAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAGGCC

AA:

VKRLLSRVDMLLPLKEDW*HSAVTTLPVVHLLISSGTSS*LGTLMS*EEIVIQRGAIVISLRRGLIPG*ISHLALSP*RF
RGCSCLTLLCTTVL*G_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV5-6_TRAV_82-83_F_61599675_61600005 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAAACAATAACTCCAGTGAAGGCTGAAGTTAATGTTCTCCAAGGAACAGACATCACTCTCTCCTGCAACTACAGGGGCATCGT
TAACAATCTACAATGGTACCGTCAATACCCCGGATCCAGACCAGAATGTCTTCTATGGATCCTACCAACCAACAAGTATGCAC
AGAATACATCCATAACGACTCCACGACACACTGGTAGACTGAATGAGGAGAAGACCCGTGTTGACTTGATGATCTCCTCTGTT
GAATTGGAAGACTCTGCTCTGTACCACTGTGCCTTGCAGCC

AA:

ETITPVKAEVNVLQGTDITLSCNYRGIVNNLQWYRQYPGSRPECLLWILPTNKYAQNTSITTPRHTGRLNEEKTRVDLMISSV
ELEDSALYHCALQ_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV19-5_TRAV_99-66_F_61558014_61558355 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGGCAGTTATGAGCAGACTATAGAGCCAAACCAACATGAAGTGTATGCAGAAGTGGGTAGTAATGTTCTTCTTTCTGCAAC
TACTCCTCAGCAGAAAGTCTACTATGGTATAAACAGTCTCCAGGATCAGCTCCCAATACCTTCTGCTCATCCCACACTACAG
TGGGCTGGACAGAGAGCTGATTCTTTGACTCTCGCTTCTCTGGTAACTGAACAAAGAGAAGACCCGTGTGGATCTGGAGA
TCTCCTCTGCTGAAGAGACAGACTCTGCTATGTACTACTGTGCTCTGAAGCC
AA:
VAVMSRL*SQTNMKCMQKWVVMFFFPATTPQQKVVYGINSLDQLPNTFCSHTTVGLDRELILLTLASLVN*TKRRPVWIWR
SPLLKRQTLCTTVL*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV9-5_TRAV_151-14_F_61385370_61385705 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GAGACAGAGTGTACAGACAAAAGGAGTTGAGACGGCTGCTGAAGGAGGACAAATAACACTTGTCTGTCAATATGAAACAGAC
GATCCAAATCCATATCTATTCTGGTACAAACAGCAAGCAAACGACTACCTCAAGTATATGCTTATGAGGTTCAATTTTGGAAC
TGGGGGCAATGCTACTGAGTTCAAGGAGAGATTTTCATGCCGATCTAGATGCCAAAACCAAATCAGTCCCCTTAACGATCCAGA
GGGTGCAGCTGTCTGACTCTGTGTGTACTACTGTGCTCTGAAGCC
AA:
ETECYRQKELRRLKEDK*HLSVNMKQTIQIHIYSGTNSKQTTTSSICL*GSILELGAMLLSSRRDFMPI*MPKPNQSP*RSR
GCSCLTLLCTTVL*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV1-2_TRAV_7-158_F_61848522_61848855 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GACCTCACTCCACTCAAGAAAGAGATTACTGTTTAGAGGGAAACCCCTGTTACCTGTCTTACAACACTACTCCAGGACAGCTACT
GCTGGAAATGAATTCTATTGGTATCACCAAGACACAGCACAAAGGCCAGAGTTCCTCCTGTACATCTCAAGTAGAGAATTTAT
AAAGAAAACAGATCCTTTGAACACTCGAATAACTGCAAACTGAACAAAGAGAAAAACGGTTTGGACCTGGAGATCTCCTCTG
CTGTAGTGACAGACTCTGCTCTTACTACTGCGCTGTGATATAC
AA:
DLTPLKKEITV*REPLLPLTTTTPGQLLLEMNSIGITKTQHKGQSSSCTSQVENL*RKQIL*TLE*LQN*TKRKT VWTWRSPL
L**QTLFFTTAL*Y_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV17-1_TRAV_27-138_F_61794504_61794842 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAGAAGACACAGTCATTTCAGCCACCAGGAGATGTGACTGCCACTGAGGGAGGACAGGTCACACTGGACTGTCAATTTGATGCA
GTTAATACTAATAATCTCTACCTGTTCTGGTACAAGCATGAATTACATGGCTTCCCAAAGTTCATGCTGGGACTTTTTCTTT
TAGAAGTACAAAATGCCACTGGATATGAGGAGAGATTTGATGCCCATCTAGATAAAGACTCAAATCTGTCCCTTTGACGATCC
AGAGGGTGCAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAAGCC

AA:

EKTQSFHQEM*LPLREDRSHWTVNLMLQLILIIISTCSGTSMNMASQSSCWDFLLEVQMPLDMRRDLMPI*IKTQNL*RS
RGCSCLTLLCTTVL*S_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV8-1_TRAV_11-154_ORF_61839166_61839510 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
ACTCAGTCATTTCAGTCACCAGGAGATTTGACCGCTACTGAGGGAGAACAGGTCACACTGGGCTGTCAATTTGATACTGTAGAT
GGAAATCCATATCTGTTCTGGTACAAGCAGAGAGCTAATGACTTCCCAAAGTATATGCTGAAACGGGCTACTTTTGGATCAGA
TAATGCCATTGAATTCAGAGGAGATTCGATGCCCATCTCAATTTAACTACATTTAAATCCGAATCAAATCAGTCCCCTTGA
CGATCCAGAGGTTACAGCTGTCTGACTCGGCTGTGTACTACTGTGCTCTGAGGCC
AA:
TQFSHQEI*PLLRENRSHWAVNLIL*MEIHICSGTSRELMTSQSIC*NGLLLDQIMPLNSRGDSMPISI*LHLNPNQNQSP*
RSRGYSLTRLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV17-2_TRAV_125-40_F_61487805_61488143 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAGAAGATTTAGTCATTCAGCCACCAGAAGATGTGATCGCTACTGAGGGAGAACAGGTCATACTGGACTGTCAATTTGATGCC
GTTAATATGAACGATATCTACCTGTTCTGGTACAAGCTTGAAGTGAATGACTTCCCAAAGTTCATGTTGGGCCGTTTTCTTT
TGGAAGTAAAAATGCCACTGAGTTCAAGGATAGATTTGATGCCATCTCGATGCAGACTCCAAGTCAGTCCCCTTGACGATCC
AGAGGGTGCAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAGGCC

AA:

EKI*SFSHQKM*SLLRENSYWTVNLMP LI*TISTCSGSLK*MTSQSSCWA VFLLEV KMP LSSRIDLMPISMQTPSQSP*RS
RGC SCLTLLCTTVL*G_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV26-1_TRAV_144-21_ORF_61398981_61399254 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
CGTTAAACTCTTATGCATATTTTAGGGCAGGGGTGGGGTTTACTCATGATAATATATTCTCCTGTTGGAAATTATCCCAAGCA
TCTAACCTCAGATACAGTATGGCCACACAATTATTTAACTTTCTGCACCCTCGCCTACTGTAGAAATGAATAAAGGGAAAAC
TCAGGCAGATCTGGAGAGCTCCTTTGCTGAAGGGAAAGACTCTGCTCTGTACTGCTGTGTTGTAATGTCCACAGAGACACATA
AGTCACTGACTCAGCAATCAGCAGA
AA:
R*TLMHILGQGWLLMIIYSPVGNYPKHLTSDTVWPHNYLTFCTLASL*K*IKGKLRQIWRAPLLKGTKLLCTAVL*CPQRHI
SH*LSNQQ_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV7-2_TRAV_58-107_ORF_61697309_61697650 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available

AA: Not Available

VRegion

Nt:

CAGTCCATGTCCAACAGCAACCAGGAAGTATGATTGCTACAGAAGGAGGATTGGTGACACGGAGTTGTCAATATACCACCACT
GGAGCTAATAATATTCAATATCTCTATTGGTACAAACAAGAAGCAAATGATTTCCCTAAATATATGCAGAGAAGTTATTCTAT
TGGATCTGGAGGCAATGTTGTAGGGTTCAAGGAGAGATTCATTGCAAGTCTAAACGCAAAGACACAATCAGTCCCTTTGACGA
TCCAGAGGTTGCATCTGTCCGACTCTGATCTGTACTACTGTGCCCTGGAGCC

AA:

QSMSNSNQEV*LLQKEDW*HGVVNIIPPELIIIFNISIGTNKKQMISLNICREVILLDLEAML*GSRRDSLQV*TQRHNQSL*R
SRGCICPTLICTTVPWS_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV14-2_TRAV_37-128_F_61769248_61769589 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTGACAGTAATGGTCAGACCATTGAACCAATCAGAGAGGAGGTGTATGCTCCAGCAGGTAGTAATATTACACTTTTCATGCATC
TACTCATCTGCAGTCTCTCTTCAATGGTATCTCCAGTACCCTGGATCAGCTCCTCAGTATATTCTGCTTATCCTGCATGGTGT

TGGGTCTCCATCACGGGCTCCAGGACTGGATCCTCGACTGTGCTAGTCAAATAATGAGAAGAACCGTGTGGATCTAGAGA
TATCCTCTGCTAAAGAGGAAGACTCTGCTATGTACTACTGTGCACTGAAGCC
AA:
VTVMVRPLNQSERRCMLQQVVILHFHASTHLQSLFNGISSTLDQLLSIFCLSCMVLGLHHGLQDWILDCQSN*IMRRTVWI*R
YPLLKRKTLCTTVH*S_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV10-8_TRAV_133-32_F_61455876_61456216 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

AGCAGAAGAGAATGTAACACAGCCAACAGAAGATGTAATGGTTGTAGAAGGACAACCAACAACACTCACCTGTCTATTTTATA
CAACTAATCAATCACCATATCTTCTGGTACAAACAACCTAGCAAATGGCAAACCCATGTTTATGCTGAGAAAGGATAAGTTT
GGAAGTGGGAAACTGCTACTGAGTTCAAGGACAGATTTGAAGCCTGTCTGAATGTTACAGCAAAGTCAGCCTCCTTGACGAT
CCAGAGGTTACAGCTGTATGACTCTGCTGTGTACTACTGTGCTCTGAGGCC

AA:

SRRECNTANRRRCNGCRRTTNTHLSILYN*SITISLLVQTTSKWQTHVYAEKG*VWNWGNKY*VQGQI*SLSECYSKVSLLDD
PEVTAV*LCCVLLCSEA

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV12-2_TRAV_28-137_F_61793772_61794110 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGAGGAGGCTGTTGACCAGCAGAGTGGACATGTTACTGCCCTTGAAGGAGGACTGGTAACACTCAGCTGTAACACTACTACC
AGTAGTCTATCTCCTGATCTTCTGGTACATCCAGTAACTAGGGACTCCCCAGTATGTCCTGAGAAGATATCGTTATTC
AGGGGGGAGCAATAGTGATGAGTTCAAGAAGAGGTTTGATTCCGGACTGAATTTACATCTAGCTCTGTCCCCTTGACCATTC
AGAGTTGCAGCTGTCTGACTCTGCTTTGTACCTCTGTGCTCTGAGGTC
AA:
VRRLLTSRVDMLLPLKEDW*HSAVTTLPVVYLLISSGTSS*LGTLPSMS*EDIVIQGGAIVMSSRRGLIPD*ISHLALSP*PF
RGCSCLTLLCTS VL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV10-4_TRAV_68-97_ORF_61671009_61671347 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
CAGAAGAGAATGTAAGACAGTCAACAGAAGATGTAATGGTCGTAGAAGGACAACCAACAACACTCACTTGTCAATTTGATACA
GCTGATCTGTCAACAAATCTTCTGGTACAAACAACAACAATAGCAACCCCATCTTTATGCTGAGAAGGGATATTTTTTC
ACCTGGGGAAACTACTACTGAGTTCAAGGAGCGATTTGATGCCCGTCTGAATTTACAGCAAAGTCAGTCCCCTTGATGATCC
AGAGGGTGCAGCTGTCTGACTCTGCTGAGTACTACTGTGCTCTGAAGCC
AA:
QKRM*DSQQKM*WS*KDNQQHSLVNLILQLICHQISSGTNNKQIATPSLC*EGIFFHLGKLLLSSRSDLMPV*ISQSQSP**S
RGCSCLTLLSTTVL*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV24-1_TRAV_35-130_F_61770661_61770990 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGGTAGTTTTGAAGATTACATTAATCCTACTAGGTCTATGGTAGGTGGTGTGGAGGGTGATACCATCACCTATCCTGCAGC
TACATTGGCTCTGTAAACAATCTACATTGGTATCGTCAGTATCTCAGGTCTAAACCAGAGTTCCTGTTTCTCATCACTAAATC
AGGATATGTCCAGAAACCTGTCACTCCTCGCATGTCAGCTCAGGTTCAAACCGACCGGGTGGATCTGGAGATCTCCTCTGCTG
AAGTAACATACTACTCTCTACTACTGTTCTCTGAGG
AA:
VVVLKITLILLGLW*VVWRVIPSPYPAATLAL*TIYIGIVSISGLNQSSCFSSLNQDMSRNLSELLACQLRFKPTGWIWRSPLL
K*HTLLSTTVL*_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ34_F_61965926_61966017 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGTCATATGGGAATACATTCATACTTGGTCAAGGAACAAAGCTGATCATTGACTCAAGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV14-5_TRAV_148-17_F_61396628_61396969 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGACAGTAATGGTCAGACCATTGAACCAATCAGAGAGGAGGTGTATGCTCCAGCAGGTAGCAATATTACACTTTCATGCACC
TACTCATCTGCAGTCTCTCTTCAATGGTATCTCCAGGACCCTGGATCAGCTCCTCAGTATATCCTGCTTATCCTGCATGGTGT
CGGGTCTCCATCACGGGCTCCAGGTCTGGATCCTCGACTGTCAGTCAAACCTGAATGTTGAGAATAACCGTTCTGATCTGGACA
TCTCCTCTGCTGAAGAGGAAGACTCTGCTATGTACTACTGTGCACTGAAGCC
AA:
VTVMVRPLNQSERRMLQQVAILHFHAPTHLQSLFNGISRDLQLLSISCLSCMVSLHHLQVWILDCQSN*MLRITVLIWT
SPLLKRKTLCTTVH*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ26_F_61962351_61962444 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGACTTTGGAGTCAACAGAGTTGTGTTTGGGCATGGGACAATGTTGACGGTCAATTCATGCAAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV13-1_TRAV_30-135_F_61790579_61790892 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAAACAGTTTTGTTTTTCAATAAACCTGCTACTATGTAATTCTCTCCTGCAAATTTGATGGCAATGTCTACAATCTCCAGT
GGTACCGCCAGTATCCCAGATCCAAACCAGAATTCCTCCTGTACATCACACCAGTGGGGTTAGCATTACAGCTACTCCCCCA
CCTCCTTGTCTGACAGTTTTCCATTGACAAAGTGAAAAATGTGTGGATCTGAAGATCTCCTCTGCTGTAGTGACAGACTCTGC
TCTGTACTACTGTGCTCTGATGCC

AA:

ETVLFFQ*TLNLLNSLLQI*WQCLQSPVPPVSIQTRIPPVHHTSGVSIYSYSPTSLSDSFH*QSGKMGSEDLCCSDRLC
SVLLCSDA

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV6-1_TRAV_42-123_F_61748799_61749152 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GATTTCTGGTGGGAAGTCATGGGAATGACATTACTCTAACAACAGAGACGGTGGTTGGGATGGAGGGTGATGTCTTAAAGCTG
TCCTCTCACTACTCTCTGCTAGTACTCTCCAGTGGTTTTCAACAGTACCCTGGATCATCTCCATCTTCTCCTCCTCACTGA
ACTGTCTCAAACCTCTCTGTAGTGAATGCTAATTCTCCATACCTACGACTGTCTGTAAACTGAATAAAGAGAGAACCCGTG
TGGATCTGGAGATCTCCTCTGCTGTTGTAACAGACTCTGCTTATACTACTGCGCCCTGGAGCC

AA:

DFLVEVMGMTLL*QRRRWLGWRVMS*SCPLTPLLVLSSGFNSTLDHLPSSSSSLNCPQTSL**MLILHTYDCLLN*IKREPV

WIWRSPLLL*QTLTYTTAPWS_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV18-1_TRAV_54-111_F_61711569_61711907 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAATGGTATGTGGAGATAGTGTGACTCCTGACAAGGAGGAGTACACCCCACTGAGGGATCATCAGTATCTCTGAGATGTACA
TATGAAACAAAGAGAAGCAACATCTACCTTTACTGGTACCGGCATTATTGTAACCAGGCTCCTCAGTTTCTACTGTATAAAGG
TGCCAGATCATTGAGTTCTGATGAACACATCCCTGATAAGAGATATAAATCCACAACATCCCGGACATCACTGAAGTGGTCA
TAACAAGCCTAACCTGGCAGACACAGCTCTCTACTACTGTGCTGTTGA

AA:

EWYVEIV*LLTRRSTPPLRDHQYL*DVHMKQREATSTFTGTGIIVTRLLSFYCIKVPDH*VLMNTSLIRDINPQHPGHQLNWS
*QA*PWQTLSTTVLL_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV18-6_TRAV_134-31_F_61454565_61454896 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

ATGGAGTGACTCCTGACAAGGAGGAGTACACCCCACTGAGGGATCGTCAGTGTCTCTGAGATGTACATATGAAACAAGCAGT
GATTATGTTTACCTTTACTGGTACCGGCATTATCCTAACCAGGCTCCTCAGTTTCTACTCTATAAAGGTGCCAGATCATGGAG
CTCTGATGAACATATCCCTGATAAGAGATATACATCCACAACGTCCCGGAATCAACTGAACTGGTGATAACAAGCCTAACTC
TGGCAGACACAGCTATCTACTACTGTGCTCTCGGGGATTATA

AA:

ME*LLTRRSTPPLRDRQCL*DVHMKQAVIMFTFTGTGIILTRLLSFYSIKVPDHGALMNISLIRDIHPQRPGNQLNW**QA*L
WQTQLSTTVLSGII

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV21-3_TRAV_114-51_F_61520914_61521252 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GACAGATTGCTGGGGATCACATTAATCCTGTAAATAATGAAGTGATCAGTACAGAGGGAGAACTTGTGACTCTGAGCTGTTCA
TATGACACAAGCAGTGAATATCCTCTGCTTTACTGGTACCGACATTATTCTAACCAGGCTCCTCAGTTTCTGCTGTATAAAGG
TGCCAGATCATGGAGCTCTGAAGAACATATCCCTGATAAGAGATATACATCCACAACATCCCGGACATCAACTGAACTGGTGA
TAACAAGCCTAACCTGGCAGACACAGCTCTCTACTACTGTGCTGTTGA
AA:
DRLLGITLIL*IMK*SVQRENL*L*AVHMTQAVNILCFTGTDIILRLLSFCCIKVPDHGALKNISLIRDHPQHPGHQLNW*
*QA*PWQQLSTTVLL_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ30_ORF_61963934_61964026 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACAAGTGCGAAAAAACGTATATTCGGTCAAGGAATAAAGGTGACTATTGACTCACGTAAG
AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available

=====

a0ncmyk_TRAJ75_F_61984005_61984100 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: AATTCCCAGGGGGAGTAAAGCTTATTTTTGGGAGTGAACAAAAATGATTGTGGAGACACGTAAG
AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV4-1_TRAV_6-159_ORF_61860019_61860353 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2

Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion

Nt:
TTTTCAGCAGATCATCCAGCCAAACCAACATAACGTGTATGGAGAGGAGGGCAGTGATATTCAGCTTTCTGCTACTGCTCCT
CGGCATACAGTGTACTGTGGAATAAACAGTATCCAGGATCCGCTCCCAATTCCTCCTCTTCATCCTCCATGCCTCTAGGACT
GTAGTGAGAGCTAAACCTCCATCCTCTCACCTCACTGTTAAACTGAACAAAGAGAAGACCTGTACAGATCTGGAGATCTCCTC
TGTTGAAGTGAGAGACTCTGCTCTGTACTACTGTACTGTGGAGCC

AA:
FSADHPAKPT*RVWRGGQ*YSAFLLLLLLGIQCTVE*TVSRIRSPIPLHPPCL*DCSES*TSILSPHC*TEQREDLYRSGDLL
C*SERLCSVLLYCGA

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV5-7_TRAV_90-75_F_61570027_61570357 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2

Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part

Nt: Not Available
AA: Not Available

VRegion

Nt:
GAAACAATAACTCCATTGAAGCCTGAAGTCAATGCTCTCCAAGGAACAGACATCACTCTCGCCTGCAACTACAAGGGCAACAT
TTTCAATTTGCAATGGTACCGTCAATACCCCGGATCCAGACCAGAATGTCTACTTTTGATCCAACAAAGCAGCATGTATGTAC
AGAATACATCCATTACGACTCCACGACACACTGGTAGACTGAATGAAGAGAAGACCCGTGTGACTTGATGATCTCCTCTGTT
GAATTGGAAGACTCTGCTTTGTACCACTGCGCCTTGACAGCC

AA:
ETITPLKPEVNALQGTDITLACNYKGNIFNLQWYRQYPGSRPECLLLIQSSMYVQNTSITTPRHTGRLNEEKTRVDLMISSV
ELEDALYHCALQ_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV9-1_TRAV_116-49_F_61515148_61515483 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAGACAGAGTGTTACAGCCAAAAGGAGTTGAGATGGCTGCTGAAGGAGGACAAATAACACTTGTCTGTCATTATGAAACAGAC
GATCCAAGTCCATATCTATTCTGGTACAAACAGGGAGCAAACGACTTCCCAAGTATATGCTTTTGCGGCAAAAATTTGGAAC
TGGGGACAATTCTACTGAGTTCAAGGAGAGATTTTCATGCTGATCTAGATGCCAACTCCAATCAGTCCCCTTGACGATCCAGA
GCGTGCAGCTGTTTGACTCTGCTGTGTACTACTGTGCTCTGAGGCC

AA:

ETECYSQKELRWLLKEDK*HLSVIMKQTIQVHIYSGTNREQTTPSICFCGKNLELGTILLSSRRDFMLI*MPTPNQSP*RSR
ACSCLLCTTVL*G_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV3-1_TRAV_5-160_F_61860767_61861081 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTCTCAGTTCAGAACAGGTATTAACACCCTACACTGATGTAGAAGTGGCTTCAGAAAGGGACAGAGTTACTCTCTCTTGTAACTACACCTCTGGTGACACTCTTCAATGGTATCGACAGTATCCCAAATCAGCACCACAGTTACTGATTAATGAGTATATGGATAATACACAGGGTTACGCCTAAATCATGACAAAAAAGCTAAACGTGTGGATCTGGTGATATCCTCTGCTCATGTGACAGACTCGGCCATGTACTACTGTGCACTGAGGCC

AA:

VSVQNRY*HPTLM*KWLQKGTELLSLVTTPLVTLFNGIDSIPNQHHSY*LMSIWIHQGSA*IMTKKLNVIW*YPLLM*QTRPCTTVH*G_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV3-3_TRAV_52-113_F_61713570_61713884 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTGTCAGTTCTGAAGAGGAATTAACACCCTACACTGATGTAGAAGTGGCTTCAGAAAGGGACAGAGTTACACTCTCTTGTAAC
TACACCTCTGTTAATACTCTTCTATGGTATCGACAATATCCCAAATCAGCACCACAGTTACTGGTTATGGAGTACGCAGATAT
TACACCAGGGTTCATTCTAAATCATGACAAAAATGCCAAACGTACGGATCTGAAGATCTCCTCTGCTGAAGTGACAGACTCTG
CTATGTACTTCTGTGCTCTGAGGCC

AA:

VSVLKRN*HPTLM*KWLQKGTSLVTTPLLLILFYGIDNIPNQHHSYWLWSTQILHQGSF*IMTKMPNVRI*RSPLLK*QTL
LCTSVL*G_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ79_F_61985971_61986067 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGACTACTGGAACAACAGGAAAATTAATATTTGGAAGTGAACCAAACCTGTTTCATAAATACTGGTAG
AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ77_F_61984646_61984742 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGGCTACTCTGACAGCAGGAAAACCTTGTGTTTGGTAGTGAACCAAACCTTTTCATAAATACTGGTAG
AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV9-2_TRAV_124-41_F_61488511_61488846 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2

Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part

Nt: Not Available
AA: Not Available

VRegion

Nt:

GAGACAGAGTGTTACAGACAAAAGGAGTTGAGACGGCTGCTGAAGGAGGACAAATAACACTTGTCTGTCATTATGAAACAGAC
GATCCAAGTCCATATCTATTCTGGTACAAACAGGGAGCAAACGACTTCCCAAGTATATGCTTTTGCAGTTCAAATTTGGAAC
TGGGGACAATGCTACTGAGTTCAAGGAGAGATTTTCATGCCGATCTAGATGCCAACTCCAATCAGTCCCTTTGACGATCCAGA
GGGTGCAGCTGTCTGACTCAGCTAGGTACTACTGTGCTCTGAAGCC

AA:

ETECYRQKELRRLKEDK*HLSVIMKQTIQVHIYSGTNREQTTSPSICFCGSNLELGTMLLSSRRDFMPI*MPTPNQSL*RSR
GCSCLTQLGTTVL*S_

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available

=====

a0ncmyk_TRAJ74_F_61983670_61983764 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGACAAGAACAAGTGACAAAATTACTTTTGCACGTGGGACTCAACTGTTTGTGCGAGAAAGGTGAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV6-2_TRAV_79-86_F_61606168_61606512 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTGGCTGTCATGGGAATGATATTACTCCAACATCACATAAAGTGTTGGGTTGGATGGTGGATGTCATAAATCTGTCCTGTAAC
TACTCCTCTGCTAGTACTCTCCTGTGGTATCAACAGTACCCTGGATCATCTCCATCTTCTCCTCCTCACTACAGTCTCCTC
AAACCCCTCTGTAGTGAACGCTACTCCTCCATACCCACGACTGTCTGTTGAACTGAATAAGGAGAGAACCCGTGTGGATCTGG
AGATCTCCTCTGCTGTTGGAACAGACTCTGCTCTGACTACTGCGCCCTAGAGCC

AA:

VAVMGMILLQHHIKCLGWMVMS*ICPVTTPLLVLSCGINSTLDHLPSSSSSLQSPQTPL**TLLLHHDCLLN*IRREPVIW
RSPLLLEQTLLCTTAP*S_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ24_F_61961661_61961758 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGACTAACTCAGGACTGGGAAGGTCATTTTTGGAGCAGGAATTGAATTGATCATTGAAACCACTGAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV5-1_TRAV_8-157_F_61847171_61847501 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GAAACAATAACTCCAGTGAAGCCTGAAGTCAATGCTCTCCAAGGAACAGACATCACTCTCCTGCAACTACAAAGGCAAAGT
TAATAATCTACAATGGTACCGTCAATACCCCGGATCCAGACCAGAGTGTCTTCTTTGGATCCTACCAACCAACAAGAATGTAC
AGAATACATCCATTACGACTCCACGACACACTGGTGGACTGAATGAAGAGAAGACCCGTGTTGACTTGATGATCTCCTCTGTT
GAATTGGAAGACTCTGCTCTGTACCACTGTGCCTTGCAGCC
AA:
ETITPVKPEVNALQGTDITLSCNYKGVNQLQWYRQYPGSRPECLLWILPTNKNVQNTSITTPRHTGGLNEEKTRVDLMISSV
ELEDALYHCALQ_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ73_F_61983316_61983412 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGGCTACTCTGACAGCAGGAAAACCTGTGTTTGGTAGTGAACCAAACCTTTTCATAAATACTGGTAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV18-4_TRAV_111-54_F_61525293_61525628 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAATGGTATGTGGAGATAGTGTGACTCCTGACAAGGAGGAGTATACCCCACTGAGGGATCATCAGTGACTCTGAGATGTACA
TATGAAACAATCAGCGATTATACTTCCCTTTACTGGTACAGGCATTATCCTAACCAGGCTCCTCAGTTTCTACTGTATAAAGG
TGCCAGATCAAGGAGCAGGGAACACATCCCTGATAAGAGATATAAATCCACAACATCCCAGACATCAACTGAACTGGTGATAA
CAAGCCTAACCCTGGCAGACACAGCTCTCTACTACTGTGCTCTTGA

AA:

EWYVEIV*LLTRRSIPPLRDHQ*L*DVMKQSAIILPFTGTGIIILRLLSFYCIKVPDQAGNTSLIRDINPQHPRHQLNW**
QA*PWQTLSTTVLL_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV7-4_TRAV_149-16_F_61394887_61395222 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
AGTGTACAGGAGACCATGTTCAACAGCAACCAGGAGGTGTGATTGCTACCGAAGGAGGACTGGTAACACTGAGTTGTCAATAT
AACACCAGTGCTAATAATGATGTATATCTATTTTGGTTCAAACAAGAAGCTAATGACTCCCTAAACATATGCTGAGACATTA
TTCTTTTGGATCCGAGGGTTCAAGGAGAGATTCAATGCAAGTCTAAATGCCAAGACACAATCAGTCCCCTTGATGATTCAGA
GGGTGCAGTTGTCTGACTCTGTTGTGTACTACTGTGCTCTGAGGCC
AA:
SVQETMFNSNQEV*LLPKEDW*H*VVNITPVLIMMYIYFGSNKMLTSLNIC*DIILLDPQGSRRDSMQV*MPRHNQSP**FR
GCSCLTLLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV12-3_TRAV_156-9_F_61370194_61370532 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGAGGAGGCTGTTGACCAGCAGAGTGGACATGTTACTGCCCTTGAAGGAGGACTGGTAACACTCAGCTGTAACACTACTACT
AGTAGTCCATCTTCTAATCTCTTCTGGTACGTCCAGTTACCCAGGGACTCTCCTCAGTATGTCCTGAGAAGAGATCGTTATTC
AGAAGGGAGCAATAGTGATGAGTTCAAGAAGAGGTTTGATTCCAGGCTGAATTTACATCTAGCTCTGTCCCCTTGATGATCC
AGAGGCTGCAGCTGTCTGACTGTCTGTGTACTACTGTGCTCTGAGGCC
AA:
VRRLLTSRVDMLLPLKEDW*HSAVTTLLVHLLISSGTSSYPGTLMS*EEIVIQKGAIVMSSRRGLIPG*ISHLALSP**S
RGCSCLTLLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV4-5_TRAV_146-19_F_61397832_61398177 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGACAGTTTTTCAACAGACCAGCCAGCCAAACCAACATGAAGTGTATGGAGAGGAGGGTGGTAATGTTCAACTTTCTGCAAC
TACTCCTCATTATACAGAGTGTACTGTGGTATAAACAGCATCCAGTATCAGTTCCTCAATTTCTACTCTTCATCCTCCTTGC
CTCTAGGACTGTAGTGAGAGCAAGACCTCCCAACCTTCTCATCCCTGTAAACTGAACAAAGACAAGATGTGTGCGGATCTGG
AGATCTCCTCTGCTGAAGTGAGATTACTCTGCTCTGTACTGCTGTGCTGTGATGTC
AA:
VTVFNRPASQTNMKMERRVVMFNFPATTPHYTECTV*
TASSISSPISYSSSSLPLGL**EQDLPTFSSLLN*TKTRCVRIW
RSPLLK*DYSALYCCAVM_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV19-2_TRAV_72-93_F_61642147_61642488 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGGCAGTTATGAGCAGACTATAGAGCCAAACCAACATGAAGTGTATGCAGAAGTGGGTATTAATGTTCTTCTTTCTGCAAC
TACTCCTCAGCAGACAGTCTACTATGGTATAAACAGTCTCCAGGAGCAGCTCCCAATACCTTCTGCTCATCCAGCACTACAC
TGGGACTGAACATAGAGCTGATTCTCTTGACTCTCGCGTCTCTGGTAACTGAACAAAGAGAGGACCCGTGTGGATCTGGAGA
TCTCCTCTGCTGAAGAGACAGACTCTGCTCTGTACTACTGTGCTCTGAGGTC
AA:
VAVMSRL*SQTNMKCMQKWVLMFFFPATTPQQTVYYGINSLQELPNTFCSSSTLLGLNIELILLTLASLVN*TKRGPVWIWR
SPLLKRQTLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ43_F_61969939_61970029 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACTCAAGCAAGTGGGAAAGTAATCTTTGGAACAGGGACCAAAGTATTGAAATCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV5-9_TRAV_107-58_F_61532982_61533329 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGATAGTATGGAGCAGGAAACAATAACTCCAGTGAAGCCTGAAGTCAATGCTCTCCAAGGAACAGACATCACTCTCTCCTGC
AACTACAAGGGCAACATTTTCAATTTGCAATGGTACCGTCAATACCCCGGATCCAGACCAGAATGTCTTCTATGGATCCTACC
AACCAACAAGTATGCACAGAATACATCCATTACGACTCCACGGCACACTGGTAGACTGAATGAAGAGAAGACCCGTGTTGACT
TGATGATCTCCTCTGTTGAATTGGAAGACTCTGCTTTGTACCACTGCGCCTTGACGCC
AA:
VIVWSRKQ*LQ*SLKSMLSKEQTSLSPATTRATFSICNGTVNTPDPDQNVFYGSYQPTSMHRIHPLRLHGLTVD*MKRRPVLT
**SPLLNWKTLLCTTAPCS_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV19-1_TRAV_59-106_ORF_61696345_61696686 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

ATGACACCTATGAGCAGACTATCGAGCCAAACCAACATGAAGTGTATGCAGAAGTGGGTAGTAATGTTCTTGTTTCCTGCAAC
TACTCCTCAGCAAACATTCTACTATGGTATAAACAGTCTCCAGGATCAGCTCCCCAATACCTTCTGCTCATCCCACACTACAG
TGGGATTGGACAGGGAGCTGATTCTCTTGACTCTCGCTTCTCTGGTAAACTGAACGAAGAGAAGACCCGTGTGGATCTGGAGA
TCTCTTCTGCTGAAGTGACAGACTCTGCTCTGTACTACTGTGCTCTGAGGCC

AA:

MTPMSRLSSQTNMKCMQKWVVMFLFPATTPQQTFYYGINSLQDQLPNTFCSHTTVGLDRELILLTLASLVN*TKRRPVWIWR
SLLLK*QTLCTTVL*G_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV5-5_TRAV_70-95_F_61644208_61644538 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GAAACAATAACTCCAGTGAAGCCTGAAGTCAATGCTCTCCAAGGAACAGACATCACTCTCTCCTGCAACTACAAGGGCGACGT
TAATAATCTACAATGGTACCGTCAATACCCCGGATCCAGACCAGAGTGTCTTCTTTTGATCCTACCAACCAACAAGTATGTAC
AGAATACATCCATTACGACTCCACGGCACACTGGTAGACTGAATGAAGAGAAGACCCGTGTTGACTTGATGATCTCTCTGTT
GAATTGGAAGACTCTGCTCTGTACCACTGTGCCTTGCAGCC
AA:
ETITPVKPEVNALQGTDITLSCNYKGDVNNLQWYRQYPGSRPECLLLILPTNKYVQNTSITTPRHTGRLNEEKTRVDLMISSV
ELEDALYHICALQ_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ51_F_61974233_61974312 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAATGTTGGGACACGAAGACTGATCTTTGGCAGTGGAAACAACACTCTAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV8-2_TRAV_155-10_F_61374764_61375111 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
AAGACTCAGTCATTTCAGCCACCAGGAGATGTGATCGCTACTGAGGGAGAACAGGTCACACTGGATTGTCAATTTGATACTCTA
GATACAAATCCATACCTGTTCTGGTACAAGCAGGGAGCTAATGACTTCCCAAAGTATATGCTGAGGCGGGCGACTTTTCGGATC
AGATAATGCCATTGAATTCCTGGGGAGATTCGATGCCATCTCAATTTAACTACATTAAGTCAGCATCAAATCATTCCCCT
TGACGATCCAGAGGTTGCAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAGGCC
AA:
KTQSFHQEM*SLLRENRSHWIVNLIL*IQIHTCSGTSRELMTSQSIC*GGRLSDQIMPLNSWGDSPISI*LH*SQHQNHS
*RSRGCSCLTLLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV11-1_TRAV_16-149_F_61825496_61825834 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTGCTGACGGTGTAACTCAGTCAACGAGAGAAGTGACTGCCTATGAAGGAGAGGACGTGTCTCTCAACTGTGCATATAACACC
AGTTTATCAGCTCCATCTCTCTTCTGGTACATTCAATACACAAACGATTACCCTGAATATGTTTTGCGGAAGGATGTCATTGG
ACCAGGGGATATTGATGATAGATTCAAGGAGAGATTTGATGCCCATCTCAGTTCCATCACAAATTAGTCCCCTTGACGATCC
AGAGGGTGCAGCTGTCTGACTGTGCTGTGTACTACTGTGCTCTGAAGCC

AA:

VLTV*LSQREK*LPMKERTCLSTVHITPVYQLHLSSGTFNTQTITLNMFCGRMSLDQGILMIDSRDLMPISVSPN*SP*RS
RGCSCLTLLCTTVL*S_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV14-4_TRAV_74-91_F_61633353_61633691 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGACAGTAATGGTCAGACCATTGAGCGAATCAGAGAGGAGGTGTTTGCTCCAGCAGGTAGAAATATTACACTTTTCATGCACC
TACTCATCTGCAGCCTCTCTTCAATGGTATCTCCAGGACCCTGGATCAGCTCCTCAGTATATCCTGCTTATCCTGCATGGTGT
CGGGTCTCCATCACAAAGCTCCAGGTCTGGATCCTCGACTGTCAGTCAAAGTGAATGATGAGAATAACCGTTCTGATCTGGACA
TCTCTGCTAAAGAGGAAGATTCTGTTATGTACTACTGTGTCTGATGCC
AA:
VTVMVRPLSEERRCLLQQVEILHFHAPTHLQPLFNGISRTLDQLLSISCLSCMVSLHHLQVWILDQSN*MMRITVLIWT
SLLKRKILLCTTVS*C_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV2-1_TRAV_2-163_F_61874712_61875059 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTAGCAGTTATGAGGAGAAATAATATCAGCCACAACAAAGAGCGTGTTTTGAGGGTGGTGGGATTACTTTATCCTGCAAC
TACTACTGGCTCTTACAGTAGTGATTCTTTACTGTGGTACCAACAATACCCAGATCAAACCAGAATTCCTGCTCCTCATCAC
TGAAGCAGGGTTAAAGATACATAATGAATCGATCCATCCTCGACTGTCTGTTAAACTGAATGAAGAGAAGACCCATGTGGATC
TGGAGATCTCCTCTGCTGAAGTGACAGACTCTGCTCTGTACTACTGTGCTCTGAGGCC

AA:

VAVMRRK*YQPQLKSVFLRVVGLLYPATTLLALTVVILYCGTNNTPDQONQNSCSSSLKQG*RYIMNRSILDCLLN*MKRRPMWI
WRSPLLK*QTLCTTVL*G_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV24-2_TRAV_122-43_F_61499877_61500206 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion

Nt:

GTGTCAGTTTTGAAGATGACATTAATCCCCTAGGCGTATGGTGGATGGTGTGGAGGGTGATACTATCACATTATCCTGCAGC
TACACTGGCTCTGTAAACAATCTACAGTGGTATCGTCAGTATCTCAGGTCTAAACCAGAGTTCCTGATTCTCATCACTAAATC
AGGATATGTCCAGAAACCTGTCCCTCCTCGCATGTCAGCTCAGGTTCAAACCGACCGCATGGATCTGGAGATCTCCTCTGCTG
AAGTGACAGACTCTGCTCTGTACTACTGTGCCCTGGAGCC

AA:

VSVLKMTLIPLGVWMMVWRVILSHYPAATLAL*TIYSGIVSISGLNQSS*FSSLNQDMSRNL SLLACQLRFKPTAWIWRSP
LLK*QTLLCTTVPWS_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ40_F_61968909_61968998 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: ACTGATGGCCTAAAAATAATGTTTGGAACAGGTACAAAATTAATTGTTGACTCAAGTAAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV5-8_TRAV_92-73_F_61567659_61567989 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GAAACAATAACTCCAGTGAAGCCTGAAGTCAATGCTCTCCAAGGAACAGACATCACTCTCTCCTGCAACTACAAGGGCAACAT
TATCAATCTACAATGGTACCGTCAGTACCCCGGATCCAGACCAGAATGTCTTCTATGGATCCTACCAACCAACAAGTATGCAC
AGAATACATCCATTACGACTCCACGACACACTGGTAGACTGAATGAAGAGAAGACCCGTGTTGACTTGATGATCTCCTCTGTT
GAATTGGAAGACTCTGCTCTGTACCACTGCGCCTTGACGCC
AA:
ETITPVKPEVNALQGTDITLSCNYKGNIIINLQWYRQYPGSRPECLLWILPTNKYAQNTSITTPRHTGRLNEEKTRVDLMISSV
ELEDALYHCALQ_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV10-5_TRAV_75-90_F_61631519_61631866 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GGTGCAGAGCAGAAGAGAATGTAAGACAGCCAAAAGAAGACTTAATGGTCGTAGAAGGACACCCAACAACACTCACTTGTCTA
TTTGATACAACTTCTTCATCACCATATCTCTTCTGGTACAAACAAGTAAAGTAAAGGACAGATTTGATGCCATCTGAATGTCACAGCAAATCAGTCCCT
TCCATTTTACCTGGGAATCTGCTTCTGAATTTAAGGACAGATTTGATGCCATCTGAATGTCACAGCAAATCAGTCCCT
TGACGATCCAGAGGTGCAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAGGCC

AA:

GAEQKRM*DSQKKT*WS*KDTQQHSLVYLIQLLHHHSSGTNN*QMASPFLC*EGIHFLGNLLNLRDLMPI*MSQQNQSP
*SRGCSCLTLLCTTVL*G_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ2_F_61944644_61944735 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGAATGAGTATCAGAAGATCACATTTGGTTCAGGAACCAAATGTTTCATTATGACAAGTAAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ9_F_61953432_61953511 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: AATGATATATGGAACAAAGTCTACTTTGGGCTGGGAAGTTCAGCCAGGT

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV12-4_TRAV_159-6_F_61356038_61356376 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGAAGAGGCTGTTGACCAGCAGAGTGGACATGTTACTGCCCTTGAAGGAGGACTGGTAACACTCAGCTGTAACACTACTAGC
AGTAGTACATCTCCTGATCTCTTCTGGTACATCCAGTCAACTAGGGACTCTCCTCAGTATGTCTGAGAAGAGATCGTTATTC
AGGGGGGAGCAATAGTGATGAGTTCAAGAAGAGGTTTGATTCCAGACTGAATTTCACTTCTAGCTCTGCCTCTTGACGATCC
AGAGGTTGCAGCTGTCTGACTCTGCTGTGTTCTACTGTGCTCTGAAGCC
AA:
VKRLLTSRVDMLLPLKEDW*HSAVTTLAVVHLLISSGTSSQLGTLLSMS*EEIVIQGGAIVMSSRRGLIPD*ISLLALSS*RS
RGCCLTLLCSTVL*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV19-4_TRAV_85-80_F_61595402_61595743 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGGCAGTTATGAGCAGACTATAGAGCCAAACCAACATGAAGTGTATGCAGAAGTGGGTAGTAATGTTCTTCTTTCTGCAAC
TACTCCTCAGCAGACAGTCTACTATGGTATAAACAGTCTCCAGGATCAGCTCCCAATACCTTCTGCTCATCCACACTACAG
TGGGATTGAACAGAGAGCTGATTCTCTTGACTCTCGCTTTTCTGGTAAACTGAAAAAGAGAAGACCCGTGGATCTGGAGA
TCTCCTCTGCTGAAGAGACAGACTCTGCTATGTACTACTGTGCTCTGAAGCC
AA:
VAVMSRL*SQTNMKCMQKVVMMFFFPATTPQQTVYYGINSLQDQLPNTFCSSHTTVGLNRELILLTLAFLVN*KKRRPVWIWR
SPLLKRQTLCTTVL*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV25-1_TRAV_157-8_F_61358936_61359283 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGGCAGTTATGAAAATGACATAAAACCAGCTTCAGAGACAGAACATGGCATGGAGGAATGCAGTGTTACACTGTCCTGCAAC
TTCTCTGGCTCAGTAGACTATCTTCTATGGTATCGTCATTATCCCAGATCAGCACCCAAATTCCTTCTCTACACTACAGTCAC
CTTAAAGCCCTCTGTATTTAGAGCTGAACCTGATGACCCAGACTGTCTGTTAATCTGAAAAAGAGAGAACCTGTGTGGATC
TGAAGAGCTCCTCTGCTGAAGTGACAGACTCCTCTCTGTACTACTGTGTACTAAAGCC
AA:
VAVMKMT*NQLQRQNMAWRNAV LHCPATSLAQ*TIFYGIVIIIPDQHPNSFSTLQSP*SPLYLELNLMT HDCLLI*KKREP VWI
*RAPLLK*QTPLCTTVY*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ49_F_61973525_61973612 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAATGATGGAATATGGAATCTGATCTTTGGAAGTGGAACACTATACATAGAATCTAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV19-6_TRAV_128-37_F_61476213_61476554 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGACACCTCTGAGCAGACTATAGAGCCAAACCAACATGAAGGGTATGCAGAAGTGGGTAGTAATGTTCTTCTTTCTGCAAC
TACTCCTCAGCAGACAGTCTACTATGGTATAAACAGTCTCCAGGATCAGCTCCCAATACCTTCTGCTCATCCCACACTACAG
TGGGATTGGACAGAGAGCTGATTCTCTTGACTCTCGCTTCTCTGGTAACTGAACAAAGAGAAGACCCGTGTGGATCTGGATA
TCTCCTCTGTTGAAGAGACAGACTCTGCTATGTACTACTGTGCTCTGAGGCC
AA:
VTPLSRL*SQTNMKGQKQWVVMFFFPATTPQQT VYYGINSLQDQLPNTFCSSHVVGLDRELILLTLASLVN*TKRRPVWIWI
SPLLKRQTLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV2-2_TRAV_3-162_F_61871252_61871599 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTAGCAGTTATGAGGAGGAAATAATATCAGCCACAACAAAGAGCGTGTGTTTTGAGGGTGGTGGGATTACTTTATCCTGCAAC
TACTGCTCTTACAGTAGTGATTCTTTACTGTGGTACCAACAATACCCAGATCAAACCAGAATTCCTGCTCCTCATCAC
TGAAGCAGGGTTAAAGATACATAATGAATCGATCCATCCTCGACTGTCTGTTAACTGAATGAAGAGAAGACCCATGTGGATC
TGGAGATCTCCTCTGCTGAAGTGACAGACTCTGCTCTGTACTACTGTGCTCTGAGGCC
AA:
VAVMRRK*YQPQLKSVFLRVVGLLYPATTLLALTVVILYCGTNNTPDQNNQNSCSSSLKQG*RYIMNRSILDCLLN*MKRRPMWI
WRSPLLK*QTLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV1-1_TRAV_1-164_F_61879876_61880223 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGTCAGTTGTGAGGACCTCACTCCACTCAAGAAAGAAGAGTACTGTTTAGAGGGAACCCCTGTTACCCTGTCTTACAACCTAC
TCCAGAACAGCTACTGCTGGAGATGAATTCCATTGGTATCGACAGGACACAGCACAAAGGCCAGAGTTCCTCCTGTACATCTT
GGGTTCAAGGTTTATAAATAAAGCAGATTCTCTGAACACTCGAATATCTGCAAAACTGAACAAAGAGAAAAACCGTTTGGATC
TGGAGATCTCCTCTGCTCTAGTGACAGACTCTGCTCTGTACTACTGTGCTGTGAGGCC
AA:
VSVVRTSLHSRKKSTV*REPLLPLTTTTPEQLLLEMNSIGIDRTQHKGQSSSCTSWVQGL*IKQIL*TLEYLQN*TKRKTVWI
WRSPLL**QTLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ21_F_61958962_61959056 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAATATTGGCGGACAAAAGCTGATCTTTGGAAGTGAACAACAGTTTTTGTGGAATCAAGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ37_F_61967238_61967325 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: ACTGATGGACGGAACAAAATCTACTTTGGGTTGGGCTCAAAAGTTATTGTTTCAGCCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV2-3_TRAV_4-161_F_61867792_61868139 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion

Nt:
GTAGCAGTTATGAGGAGGAAATAATATCAGCCACAACAAAGAGCGTGTGTTTTGAGGGTGGTGGGATTACTTTATCCTGCAAC
TACTACTGGCTCTTACAGTAGTGATTCTTTACTGTGGTACCAACAATACCCAGATCAAACCAGAATTCCTGCTCCTCATCAC
TGAAGCAGGGTTAAAGATACATAATGAATCGATCCATCCTCGACTGTCTGTTAAACTGAATGAAGAGAAGACCCATGTGGATC
TGGAGATCTCCTCTGCTGAAGTGACAGACTCTGCTCTGTACTACTGTGCTCTGAGGCC
AA:
VAVMRRK*YQPQLKSVFLRVVGLLYPATTLLALTVVILYCGTNTPDQNQNSCSSSLKQG*RYIMNRSILDCLLN*MKRRPMWI
WRSPLLK*QTLCTTVL*G_

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available

=====

a0ncmyk_TRAJ1_F_61944197_61944292 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: AGTGACTGGAACAGGAATCAATAAACTTGTTTTGGAAGTACCGGTAAGATCACTATTGAGGCCAG
AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV15-2_TRAV_25-140_F_61796904_61797251 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGATACTTTAGAGGATGATATTACTCCAACCAGTCTGAGGAGTATTATTTAGAGGGTAGCAGAGTTAAGATCTCCTGTAAC
TATACAGTAAAATCAGATAGTCTGCTGTGGTACAGACAGTACTCTGGATCAGGACTCCAATTCCTTTACCTCGTAACAACACTAC
CAATAATCCATATGATGTGAGAGGTGATCCACAAGACTTTGACTGACTGTTACACAGAACAAGGAGAGAACCCGTGTGGATC
TGGAGATCTCCTCTGTTGAAGAGACAGACTCTGCTCTGTACTACTGTGCTCTGAGGCC
AA:
VIL*RMILLQPVLRSII*RVAELRSPVTIQ*NQIVCCGTDSTLDQDSNSFSTS*QLPIIHMM*EVIHKTFD*LLHRTREPVWI
WRSPLLKRQTLCTTVL*G_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV4-6_TRAV_160-5_F_61345213_61345541 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part

Nt: Not Available
AA: Not Available

VRegion

Nt:

GTGACAGTCTTCAGACCGTGCAGCCAAACCAAGTGTATGGAGAGGAGGGTAGTAATGTTCAACTTTCCTGCAACTACTCCTCA
GCATACAGTGTACTGTGGTATAAACAGCATCCAGGATCAATTCCCAATTCTCTCTTCATCCACCATGCCTCTAGGACTGT
AGTGAGAGCTAAACCTCCATACTCTCACCTCACTGGTATACTGAACAAAGAGAAGACCCGTACAGATCTGGAGATCTCCTCTG
TTGAAGTGAGAGACTGCTCTGTACGACTGTGCTGTAAG

AA:

VTVFRPCSQTKCMERRVVMFNFPATTPQHTVYCGINSIQDQFPNSSSSSTMPGL**ELNLHTLTSLVY*TKRRPVQIWRSP
LK*ETALYDCAVK

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available

=====

a0ncmyk_TRAJ56_P_61975809_61975899 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGAGTTAAACAAGCAGAAAGGTCATCTTTGGAACAGGGACCAAAGTATTGAAACCAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV11-2_TRAV_18-147_F_61811966_61812304 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GAGCAGACAGTATTACTCAGTCAACGAGAGAAGTGACTGCTTATGAAGGAGAAGACGTGTCTCTCAACTGTGAATATAACACC
AGTTTATCAGCTCCATCTCTCTTCTGGTACATTCAATACACAAACGATTACCCTGAATATGTTTTGCAGAAGGATGTCATTGG
ACCAGGGGATATTGATGATAGATTCAAGGAGAGATTTGATGCCATCTCAGTTCATCACCAAATTAGTCCCCTTGACGATCC
AGAGGTTGCAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAAGCC
AA:
EQTVLLSQREK*LLMKEKTCSTVNITPVYQLHLSSGTFNTQTITLNMFCRRMSLDQGILMIDSRRLMPISVPSPN*SP*RS
RGCSCLTLLCTTVL*S_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ29_F_61963613_61963703 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACTCAAACAAGTAGGAAAGTCATCTTTGGAACAGGGACCAAAGTATTGAAACCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV4-4_TRAV_132-33_F_61463437_61463773 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGACAGTTTTGAGGAGATCATCAAGCCAACATGAAGTGTATGGAGAGGAGGGCAGTTATGTTTCAGCTTTCCTGCAAAAACGA
CTCAGCATAACAGTGTACTGTGGTATAAACAGTATCCTGGTTCATCTCCCAAGTCCTTCTTTCATCCTCCATGTCTCTAGGA
CTGTAGTGAGAGCTAAACATCCATTCTCTCACCTCACTGTAAACTGAACAAAGAGAAAACCTGGGTGGATCTGGAGATCTCC
TCTGTAGAAGTGAGAGACTCTGCTCTGAACTACTGTACTGTGACTTC
AA:
VTVLRSSSQHEVYGEESYVQLSCKNDSAYSVLWYKQYPGSSPQVLFILHVSRTVVRAKHPFSLHTVKNKEKTWVDLEIS
SVEVRDSALNYCTVT_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV10-2_TRAV_17-148_ORF_61815312_61815652 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

AGCAGAAGAGAGTGAATACAGCCAACAGAAGATGTAATGGTCGTAGAAGGACAACCAACAAAACACTCAGTTGTACATTTGATA
CCACTAATCTATCACCATATCTCTTCTGGTACAAACAACAAGCAAATGGCAAACCCATGTTTATGCTGAGAGAGGATAAATTT
GGAAGTGGGAAACTGCTACTGAGTTCAAGGAGAGATTTTCATGCCCGTCTGAATGTCACAGCAAAGTCAGTCCCCTTGACGAT
CCAGAGGTTACAGCTGTCTGACTCTGCTGTGTACTACTGTGCTCTGAAGCC

AA:

SRRECNANRRRCNRRRTTNKTLQLYI*YH*SITISLLVQTTSKWQTHVYAERG*IWNWGNCY*VQGEISCPSECHSKVSPLEDD
PEVTAV*LCCVLLCSEA

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV19-7_TRAV_135-30_F_61440537_61440878 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGGCAGTTATGAGCAGACTATCGAGCCAAACCAACATGAAGTGTATGCAGAAGTGGGTAGTAATGTTCTTCTTTCTGCAAC
TTCTCCTCAGCGTACAATCTACTGTGGTATAAACAGTCTCCAGGATCAGCTCCCAATATCTTCTGCTCATCCAGCACTCCAC
TGGGACTGAATATAGAGATGATACCCCTTGACTCTCGCTTCTCTGGTAACTGAACAAAGAGAAGACCCGTGTTGATCTGGAGA
TCTCTTCTGTTGAAGTGACAGACTCTGCTATGTACTACTGTGCTCTGAATCC
AA:
VAVMSRLSSQTNMKCMQKWVVMFFFPATSPQRTIYCGINSLQDQLPNIFCSSSTPLGLNIEMIPLTLASLVN*TKRRPVLIWR
SLLLK*QTLCTTVL*I_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV21-1_TRAV_34-131_F_61771390_61771728 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GACAGATTGCTGGGGATCACATTACTCCTGTAATAATGAAGTGATCAGTACAGAGGGAGAACTTGTGACTCTGAGATGCTCA
TATGATACAAGCTATGAAAATATTTGGCTTTACTGGTACCGGCATTATCCTAACCAGGCTCCTCAGTTTCTACTGTATAAAGG
TGCCAGATCACAGAGCTCTGAAGAACATATCCCTGATAAGAGATATACATCCACAACATCCCGGACATCAACTGAACTGGTCA
TAACAAGCCTAACCTGGCAGACACAGCTCTCTACTACTGTGCTGTTGA

AA:

DRLLGITLLL*IMK*SVQREN*L*DAHMIQAMKIFGFTGTGIILRLLSFYCIKVPDHRALKNISLIRDIHPQHPGHQLNWS
*QA*PWQTLSTTVLL_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV4-3_TRAV_101-64_F_61555431_61555772 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GTGACAGTTTTCTCCAGACCATCCAGCCAAACCAACATGAAGTGTATGGAGAGGAGGGTACTAATGTTCAACTTTCTGCAAC
TGCTCCTCTGCATACAGTGTACTGTGGTATAAACAGTATCCAGGATCAGTTCCTCAATACCTTCTGCTCATCCACCATGCCAC
TAGGACTGTAGTGAGAGCTAAACCTCCATACCCTCGCATCCCTGTTAAACTGAACAAAGAGAAGAAGTACAGATCTGGAGA
TCTCCTCTGTTGAAGTGAATACTCTGCTCTGTGCTACTGTGTTGTGACGTC
AA:
VTVFSRPSSQTNMKMERRVLMFNFPATAPLHTVYCGINSIQDQFPNTFCSSTMPLGL**ELNLHTLASLLN*TKRRTVQIWR
SPLLK*NTLLCATVL*R_

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV23-2_TRAV_102-63_F_61554846_61555193 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available

AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion

Nt:
GTGTCAGTTACCAGGATGAAATTCACCAACAGCAAAGATAATGCATGGTGACAAAGGAGGTTTTGTTACTGTCTTGCAAC
TACTCTGGTTCACCATAACAACCTCCAATGGTATCGTCAGTATCCCAGATCAGCTCCCAAATTCCTTCTCCTCACTACAGTCTC
CTCAATCCCCTCTATAGTGAACGCTACTCCTCCATACCCACATCTGTCTATTAAGTGAATAAGGAGAGAACCCACCTGGATC
TGGAGATCTCCTCTGCTAATGTAACAGACTTCTCTGTACTATTGCGCCTTGAGCC

AA:
VSVTRMKFNQQQR*CMVTKEVLLHCLATTLVHHTTSNGIVSIPDQLPNSFSSQLSPQSPL**TLLHHTICLLN*IRREPTWI
WRSPLLM*QTLCTIAPCS_

VTranscriptWithout5UTR

Nt: Not Available
AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV15-3_TRAV_147-18_F_61397227_61397574 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline

Nt: Not Available
AA: Not Available

L1

Nt: Not Available
AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available
AA: Not Available

L

Nt: Not Available
AA: Not Available

FR1

Nt: Not Available
AA: Not Available

CDR1

Nt: Not Available
AA: Not Available

FR2

Nt: Not Available
AA: Not Available

CDR2

Nt: Not Available
AA: Not Available

FR3

Nt: Not Available
AA: Not Available

GermlineVCDR3Part

Nt: Not Available
AA: Not Available

VRegion

Nt:

GTGATACTTTAGAGGATGATATTACTCCAACCAGTCTGAGGAGTATTATTTAGAGGGTAGCAGAGTTAAGATCTCCTGTAAC
TATACAGTAAAGGCTGATAATCTCCAGTGGTACAGACAGTATCCTGGATCAGCACCCCAATTCCTCCTCCTCACACACAC
TGCAACTCCACTTGTAGTGGAAAGCTACTCCTCCATACCCAAGAATGACTGCTAAACTGAACGATGAGAGAACCCGTGTGGATC
TGGAGATCTCCTCTGCTGATGTAACAGACTCTGCTCTGTACTACTGCGCCTTGACGCC

AA:

VIL*RMILLQPVLRSII*RVAELRSPVTIQ*RLIISSGTDSILDQHPNSSSSSHTLQLHL*WKLLLHTQE*LLN*TMREPVWI
WRSPLLM*QTLCTTAPCS_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV18-2_TRAV_61-104_F_61677630_61677976 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GAATGGTATATGCAGATAGTGTGACTCCTGACAAGAAGGAGTACACCCCACTGAGAGATCATCAGTATCTCTGAGCTGTACA
TATGAAACAAGCAGTGAATTCATTTACCTTTACTGGTACAGGCATTATCCTAACCAAGGCTCCTCAGTTTCTACTGTATAAAGG
TGCCAGATCATGGAGCTCTGATGAACACATCCCTGATAAGAGATATACATCCACAACATCCCGGACATCAACTGAAGTGGTGA
TAACAAACCTAACCTGGCAGACACAGCTCTCTATTACTGTCTCTCAGGGAATATA

AA:
EWMQIV*LLTRRSTPPLRDHQL*AVHMKQAVNSFTFTGTGIILRLLSFYCIKVPDHGALMNTSLIRDIHPQHPGHQLNW*
*QT*PWQTQLSITVLSGNI

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available

=====

a0ncmyk_Chr8_CM023226.2_TRAV5-3_TRAV_50-115_F_61716351_61716698 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 start

VRegion contains a stop codon

V5UTRGermline

Nt: Not Available

AA: Not Available

L1

Nt: Not Available

AA: Not Available

VIntron

Nt: Not Available

L2

Nt: Not Available

AA: Not Available

L

Nt: Not Available

AA: Not Available

FR1

Nt: Not Available

AA: Not Available

CDR1

Nt: Not Available

AA: Not Available

FR2

Nt: Not Available

AA: Not Available

CDR2

Nt: Not Available

AA: Not Available

FR3

Nt: Not Available

AA: Not Available

GermlineVCDR3Part

Nt: Not Available

AA: Not Available

VRegion

Nt:

GTGATAGTATGGAGCAGGAAACAATATCTCCAGTGAAGCCTGAAGTCAATGCTCTCCAAGGAACAGACATCACTCTCTCTGC

AACTACAAGGGCAACATTATCAATCTACAATGGTACCGTCAATCCCCGGATCCAGACCAGAATGTCTTCTTTTGATCCGACA

AAGCGGCATGTATATTCAGAATACATCAATTACGACTCCACGACACACTGGTAGACTGAATGAAGAGAAGACCCGTGTTGACT

TGATGATCTCCTCTGTTGAATTGGAAGACTCTGCTCTGTACCACTGTGCCTTGACGCC

AA:

VIVWSRKQYLQ*SLKSMLSKEQTSLSPATRATLSIYNGTVNPPDPDQNVFF*SDKAACIFRIHQLRLHDTLVD*MKRRPVLT

**SPLLNWKTLLCTTVPCS_

VTranscriptWithout5UTR

Nt: Not Available

AA: Not Available
=====

a0ncmyk_Chr8_CM023226.2_TRAV21-2_TRAV_44-121_F_61734235_61734582 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 start
VRegion contains a stop codon

V5UTRGermline
Nt: Not Available
AA: Not Available

L1
Nt: Not Available
AA: Not Available

VIntron
Nt: Not Available

L2
Nt: Not Available
AA: Not Available

L
Nt: Not Available
AA: Not Available

FR1
Nt: Not Available
AA: Not Available

CDR1
Nt: Not Available
AA: Not Available

FR2
Nt: Not Available
AA: Not Available

CDR2
Nt: Not Available
AA: Not Available

FR3
Nt: Not Available
AA: Not Available

GermlineVCDR3Part
Nt: Not Available
AA: Not Available

VRegion
Nt:
GACAGATTCATGGGGATCACATTACTCCTGTAAATAATGAAGTGATCAGTACAGAGGGAGAAGTTGTGACTCTGAGATGCTCA
TATGATACAAGCTATGAAAATATTTGGCTTTACTGGTACCGGCATTATCCTAAACAGGCTCCTCAGTTTCTACTGTATAAAGG
TGCTAGATCATGGAGCAGTGAACATATCTCTGATAAGAGATATAAACCCACAACGTCCCGGACATCAACTGAACTGGTCATAA
CAAGCCTAACCTGGCAGACACAGCTCTCTACTACTGTGCTCGCAGAGATGATA
AA:
DRFMGITLLL*IMK*SVQRENL*L*DAHMIQAMKIFGFTGTGIILNRLLSFYCIKVLHDGAVNISLIRDINPQRPGHQLNWS*
QA*PWQTLSTTVLAEMI

VTranscriptWithout5UTR
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ17_F_61956656_61956747 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGACAAGTGCGAACAACTCATATTCGGTCAAGGAATAAAGCTGACTGTTGACACACGTAAG
AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ34_F_61965926_61966017 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGTCATATGGGAATACATTCATACTTGGTCAAGGAACAAAGCTGATCATTGACTCAAGTAAG
AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ48_F_61973030_61973120 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGATTACTAACAAACCAGAAAGTCATATTTGGAGCAGGAACAAATTGGTAATTGAAACAAG
AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ26_F_61962351_61962444 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGACTTTGGAGTCAACAGAGTTGTGTTTGGGCATGGGACAATGTTGACGGTCAATTCATGCAAG
AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available

=====

a0ncmyk_TRAJ14_P_61955231_61955325 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGAATGATGGAACCTCGAGGATTGAACTTTGGAACCTGGAACAACACTGTCAATATAATCTAGTAAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ78_F_61985287_61985382 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: AATGCCAGGTGGGAGGAAAGCTTATTTTTGGGAGTGAACAATAATGATTGTGGGGACACGTAAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ30_ORF_61963934_61964026 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt: TGACAAGTGCAGAAAAAACGTATATTCGGTCAAGGAATAAAGGTGACTATTGACTCACGTAAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available

AA: Not Available

FR4

Nt: Not Available

AA: Not Available

=====

a0ncmyk_TRAJ61_F_61978659_61978767 (F) TRA : 8022

WARNINGS:

Unable to find CDR3 end

JRegion

Nt:

TGACAAGTGCAGAACTCATATTCGGTCAAGGAATTTATTTTTTTTATTTTTTTTATTTTACCTTTATTTAACCAG

AA: Not Available

GermlineJCDR3Part

Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ75_F_61984005_61984100 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: AATTCCCAGGGGGAGTAAAGCTTATTTTTGGGAGTGAACAAAAATGATTGTGGAGACACGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ81_F_61986911_61987007 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: GTCGGCTGGCTCTAACAAATAAGCTGATTTTTGGATCTGGAGTGAATGTCATTGTGCAATCCCGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ57_F_61976102_61976193 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACAAGTGGGAGCAAAGTCATATTCGGTCAAGGAACAAAGCTGACCATTGACACACGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ79_F_61985971_61986067 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACTACTGGAACAACAGGAAAATTAATATTTGGAAGTGAACCAAAGTTCATAAATACTGGTAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ77_F_61984646_61984742 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGGCTACTCTGACAGCAGGAAAATTGTGTTTGGTAGTGAACCAAAGTTCATAAATACTGGTAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ74_F_61983670_61983764 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACAAGAACAAGTGACAAAATTACTTTTGCACGTGGGACTCAACTGTTTGTGAGAAAGGTGAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ24_F_61961661_61961758 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACTAACTCAGGACTGGGGAAGGTCATTTTTGGAGCAGGAATTGAATTGATCATTGAAACCAGTGAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ52_F_61974509_61974602 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACTGACTCTGGACTGAAGAAGGTCATTTTTGGAACAGGAATTGAATTGATCATTGAAACCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ39_F_61968290_61968383 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACTGACTCTGGAATAAGGAAGGTCATTTTTGGAACAGGAATTGAATTGATCATTGAAACCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ73_F_61983316_61983412 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGGCTACTCTGACAGCAGGAAAACCTTGTTTGGTAGTGAACCAAACCTTTTCATAAATACTGGTAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ60_F_61978095_61978189 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACTCTGTCAAGCAGTAAAGTCATCTTTGGAACAGGGACCAAACCTAATTATTGAAACCAGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4

Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ20_F_61958004_61958098 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAATGCGAATGGATTCAAATCATCTTTGGGACAGGCACAACATTAATAGTTAACTCAAGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ63_F_61979832_61979923 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACAAGCACCAACAAGGTCATATTCGGTCAAGGAATAAAGCTGACTATTAECTCACGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ67_F_61981089_61981176 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGTCATACGGGAATAAATTCATACTTGGTCAAGGAACAAAGCTGATCATTCACTCAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ43_F_61969939_61970029 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAECTCAAGCAAGTGGGAAAGTAATCTTTGGAACAGGGACCAAAGTATTGAAATCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ70_F_61982387_61982484 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACAAGAGGGAATAGTAACAGGCTTATCTTTGGAAACGGAACCCAAGTGTAGTTGAATCTGGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ80_F_61986569_61986659 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: AATGCTCAGGGGCAGGAAAGATACATTTTGGGAATGGAATCAAATGATTGTGGGAACAC
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ10_F_61953581_61953671 (F) TRA : 8022

WARNINGS:
CDR3 does not end with W or F, was: CTT / L / CDR3End: 29

JRegion
Nt: TGAATGTTAATAACTGGAAAGTAATACTTGGAGCAGGAAGTAAATTGATAATTGAATCAAG
AA: _NVNNWKVILGAGTKLIIES_

GermlineJCDR3Part
Nt: TGAATGTTAATAACTGGAAAGTAATACTT
AA: _NVNNWKVIL

FR4
Nt: GGAGCAGGAAGTAAATTGATAATTGAATCAAG
AA: GAGTKLIIES_
=====

a0ncmyk_TRAJ51_F_61974233_61974312 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAATGTTGGGACACGAAGACTGATCTTTGGCAGTGGAAACAACACTCTAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ40_F_61968909_61968998 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: ACTGATGGCCTAAAAATAATGTTTGGAACAGGTACAAAATTAATTGTTGACTCAAGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ76_F_61984430_61984522 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: AATGATGCCGGTACAAAGATCATTTTTGGGAGAGGCACAAGGCTACTAGTATTAAGTGGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ2_F_61944644_61944735 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAATGAGTATCAGAAGATCACATTTGGTTCAGGAACCAAAATGTTTCATTATGACAAGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ9_F_61953432_61953511 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: AATGATATATGGAACAAAGTCTACTTTGGGCTGGGAACTTGTTCCAGCCAGGT
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available

=====

a0ncmyk_TRAJ49_F_61973525_61973612 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAATGATGGAATATGGAATCTGATCTTTGGAAGTGAACACTATACATAGAATCTAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available

=====

a0ncmyk_TRAJ71_F_61982584_61982679 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: ACTGCCAGGGGGGATACAAGCTTATTTTTGGAAGTGAACAAAGTGATTGTAGAGACACGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available

=====

a0ncmyk_TRAJ21_F_61958962_61959056 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAATATTGGCGGACAAAAGCTGATCTTTGGAAGTGAACAACAGTTTTTGTGGAATCAAGTAAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ37_F_61967238_61967325 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: ACTGATGGACGGAACAAAATCTACTTTGGGTTGGGCTCAAAGTTATTGTTCAGCCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ1_F_61944197_61944292 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: AGTGACTGGAACAGGAATCAATAAACTGTTTTGGAACTGCGGTAAAGATCACTATTGAGGCCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ56_P_61975809_61975899 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAGTTAAACAAGCAGAAAGGTCATCTTTGGAACAGGGACCAAAGTATTGAAACCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ29_F_61963613_61963703 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGAACAAACAAGTAGGAAAGTCATCTTTGGAACAGGGACCAAAGTATTGAAACCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====

a0ncmyk_TRAJ50_F_61973676_61973766 (F) TRA : 8022

WARNINGS:
Unable to find CDR3 end

JRegion
Nt: TGACTTATGGAGACAACAAAGTTATATTTGGACTTGGCACAAAGATGATGTTTTTTTCCAG
AA: Not Available

GermlineJCDR3Part
Nt: Not Available
AA: Not Available

FR4
Nt: Not Available
AA: Not Available
=====