

TCR Genes Removed
Trbv1
Trbv2
Trbv3
Trbv4
Trbv5
Trbv12-1
Trbv13-1
Trbv12-2
Trbv13-2
Trbv13-3
Trbv14
Trbv15
Trbv16
Trbv17
Trbv19
Trbv20
Trbv22
Trbv23
Trbv24
Trbv26
Trbv29
Trbj1-1
Trbj1-3
Trbj1-4
Trbj1-5
Trbj1-6
Trbc1
Trbj2-1
Trbj2-3
Trbj2-4
Trbj2-7
Trbc2
Trbv31
Trav1
Trav2
Trav3-1
Trav5-1
Trav6-1
Trav7d-2
Trav6d-3
Trav7d-3
Trav6d-4
Trav7d-4
Trav8d-1
Trav10d
Trav12d-1

Trav13d-1
Trav12d-2
Trav9d-3
Trav13d-3
Trav8d-2
Trav16d-dv11
Trav13d-4
Trav14d-3-dv8
Trav7n-4
Trav9n-1
Trav6n-5
Trav10n
Trav6n-6
Trav7n-5
Trav13n-1
Trav12n-2
Trav9n-3
Trav12n-3
Trav13n-2
Trav14n-2
Trav3n-3
Trav9n-4
Trav7n-6
Trav13n-3
Trav8n-2
Trav16n
Trav13n-4
Trav14n-3
Trav7-2
Trav4-2
Trav6-3
Trav7-3
Trav6-4
Trav7-4
Trav8-1
Trav9-1
Trav6-5
Trav10
Trav6-6
Trav11
Trav7-5
Trav12-1
Trav13-1
Trav14-1
Trav15-1-dv6-1
Trav9-2
Trav4-3

Trav12-2
Trav12-3
Trav13-2
Trav14-2
Trav15-2-dv6-2
Trav3-3
Trav9-4
Trav4-4-dv10
Trav5-4
Trav6-7-dv9
Trav7-6
Trav13-3
Trav8-2
Trav16
Trav13-4-dv7
Trav14-3
Trav3-4
Trav17
Trav19
Trav21-dv12
Traj56
Traj52
Traj43
Traj40
Traj39
Traj37
Traj34
Traj33
Traj31
Traj26
Traj23
Traj22
Traj21
Traj17
Traj11
Traj7
Trac
Trbj1-2
Trbj2-2
Trav3d-3
Trav11n
Traj27
Traj9
Trbv30
Trav7-1
Trav6-2
Trav6d-5

Trav15d-1-dv6d-1

Trav20

Traj57

Traj48

Traj32

Traj18

Traj15

Trav9d-4

Trav12n-1

Trav14n-1

Trav5n-4

Trav6d-7

Trav6n-7

Traj47

Traj45