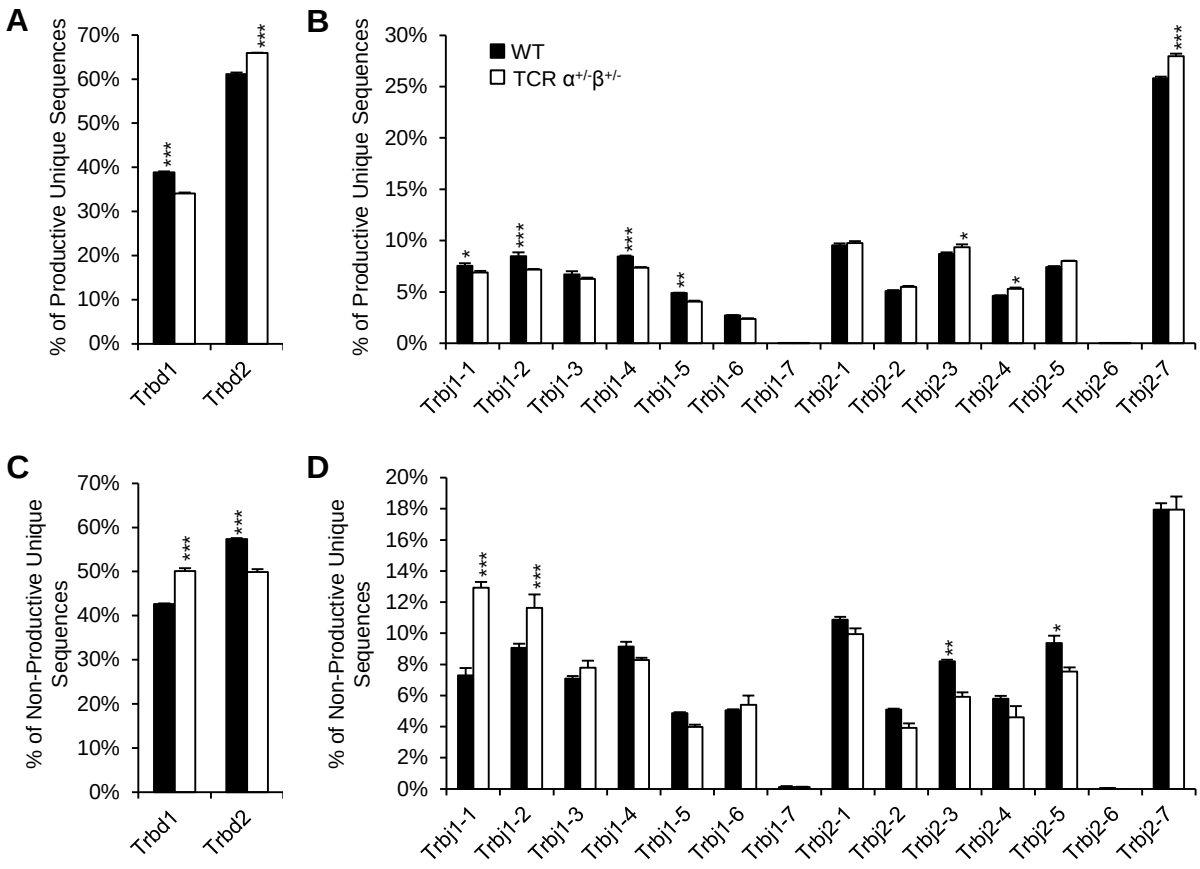
A
% of Productive Unique Sequences
70%
60%
50%
40%
30%
20%
10%
0%
***
***
Trbd1
Trbd2
B
% of Productive Unique Sequences
30%
25%
20%
15%
10%
5%
0%
WT
TCR α+/-β+/-
*
***
***
**
*
*
***
Trbj1-1
Trbj1-2
Trbj1-3
Trbj1-4
Trbj1-5
Trbj1-6
Trbj1-7
Trbj2-1
Trbj2-2
Trbj2-3
Trbj2-4
Trbj2-5
Trbj2-6
Trbj2-7
C
% of Non-Productive Unique Sequences
70%
60%
50%
40%
30%
20%
10%
0%
***
***
Trbd1
Trbd2
D
% of Non-Productive Unique Sequences
20%
18%
16%
14%
12%
10%
8%
6%
4%
2%
0%
***
***
**
*
Trbj1-1
Trbj1-2
Trbj1-3
Trbj1-4
Trbj1-5
Trbj1-6
Trbj1-7
Trbj2-1
Trbj2-2
Trbj2-3
Trbj2-4
Trbj2-5
Trbj2-6
Trbj2-7