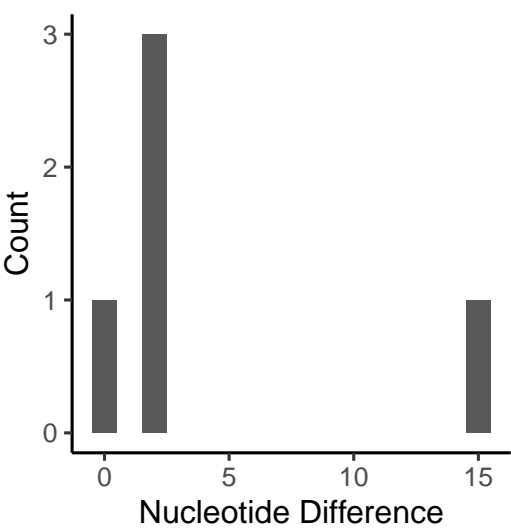


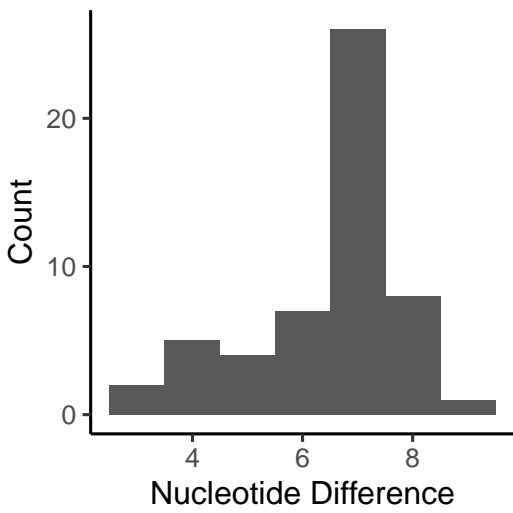
IGHV1-2\*02

5 sequences assigned  
1 (20%) exact matches, in which:  
1 unique CDR3  
1 unique J



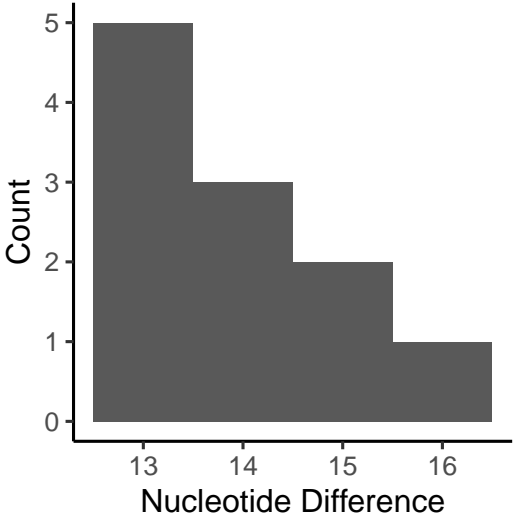
IGHV1-18\*01

54 sequences assigned  
No exact matches.



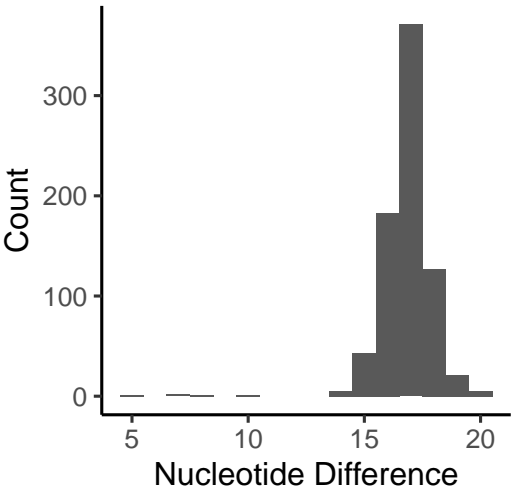
IGHV2-70\*01

11 sequences assigned  
No exact matches.



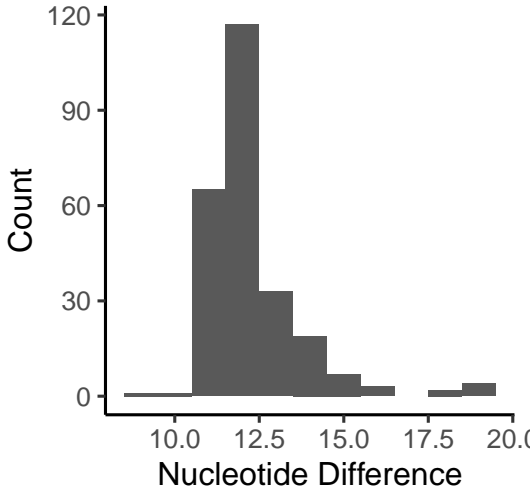
IGHV1-2\*04

760 sequences assigned  
No exact matches.



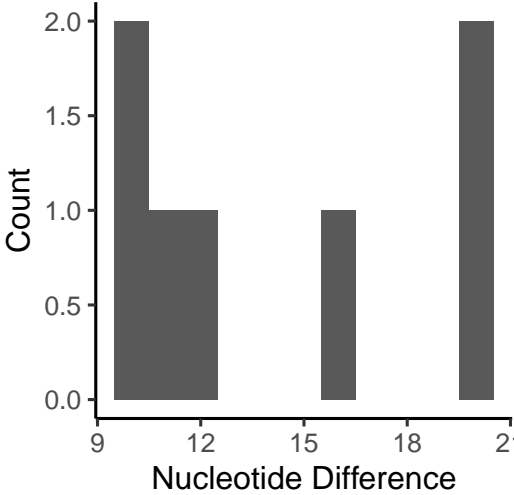
IGHV1-46\*01

252 sequences assigned  
No exact matches.



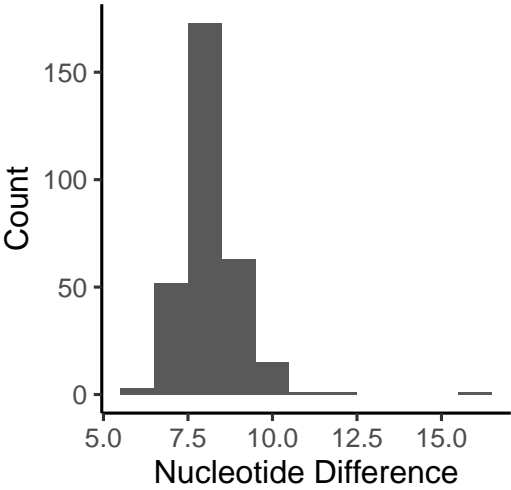
IGHV3-7\*01

7 sequences assigned  
No exact matches.



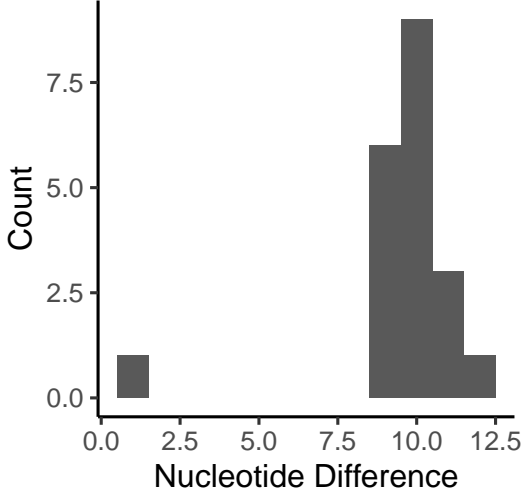
IGHV1-8\*01

310 sequences assigned  
No exact matches.



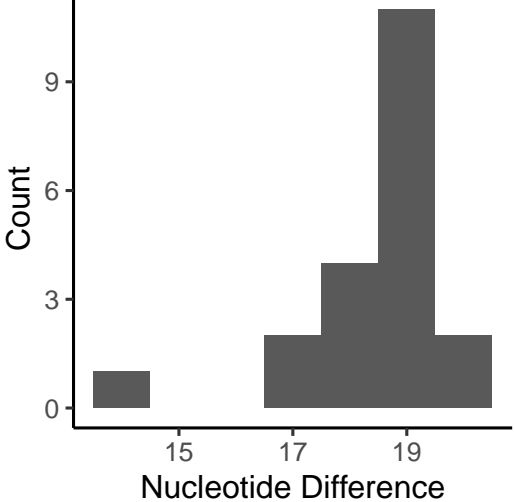
IGHV2-5\*02

46 sequences assigned  
No exact matches.



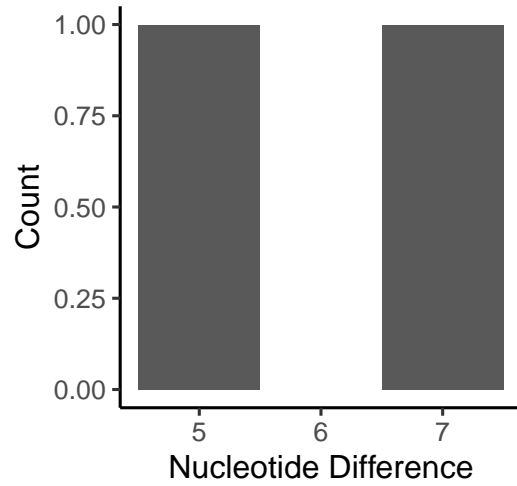
IGHV3-9\*01

21 sequences assigned  
No exact matches.



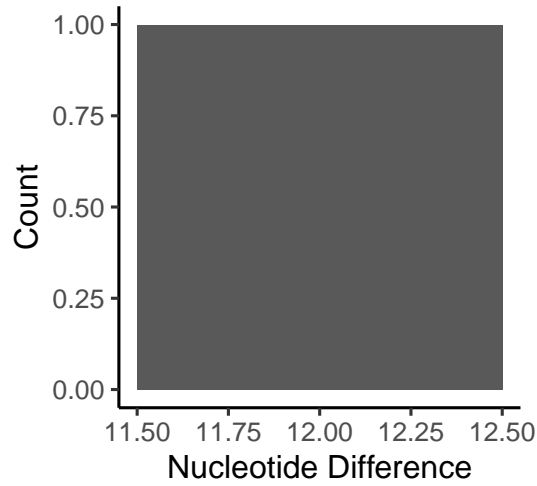
### IGHV3-11\*01

2 sequences assigned  
No exact matches.



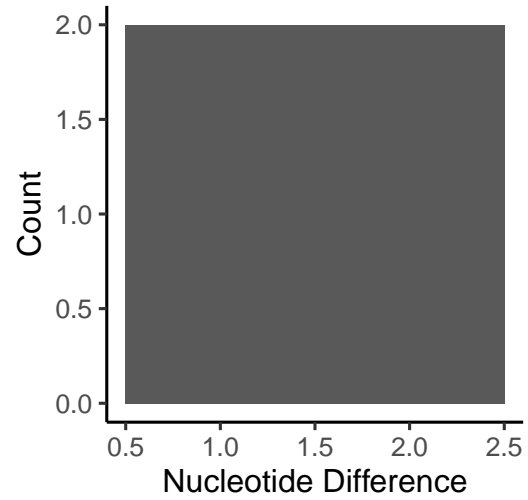
### IGHV3-48\*02

1 sequences assigned  
No exact matches.



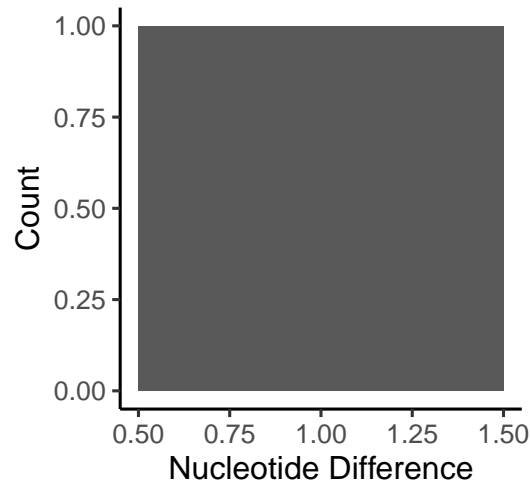
### IGHV3-73\*02

4 sequences assigned  
No exact matches.



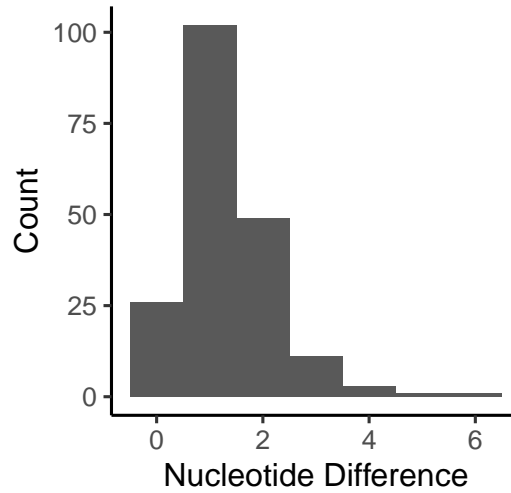
### IGHV3-23\*04

1 sequences assigned  
No exact matches.



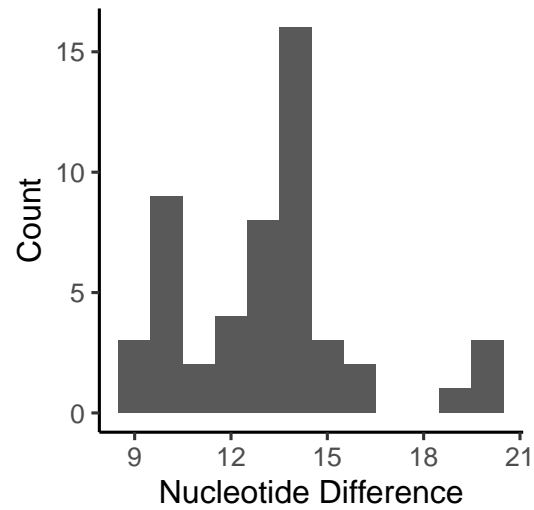
### IGHV3-49\*05

193 sequences assigned  
26 (13.5%) exact matches, in which:  
15 unique CDR3  
1 unique J



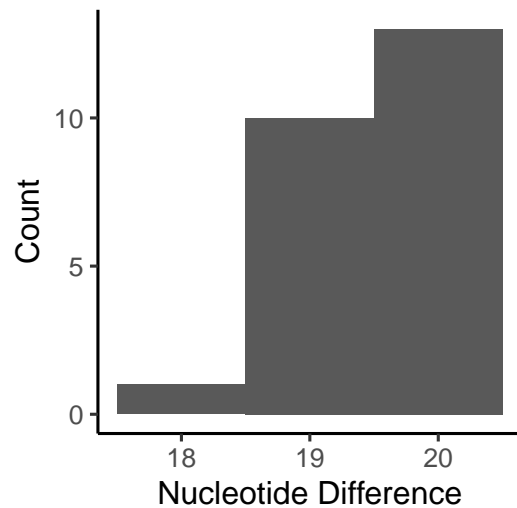
### IGHV3-74\*01

187 sequences assigned  
No exact matches.



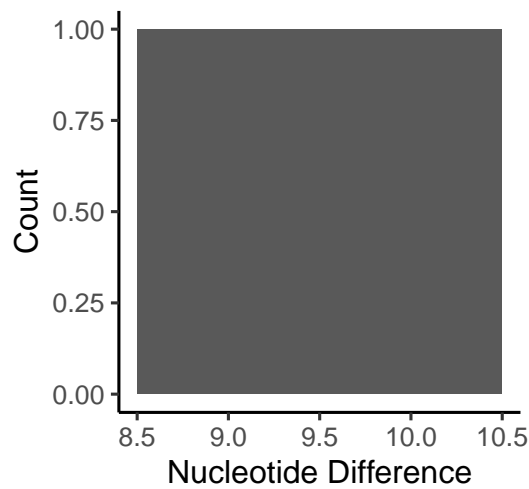
### IGHV3-30\*03

27 sequences assigned  
No exact matches.



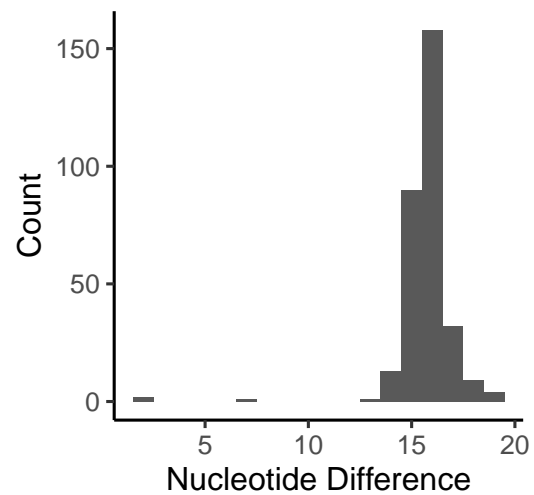
### IGHV3-53\*01

2 sequences assigned  
No exact matches.



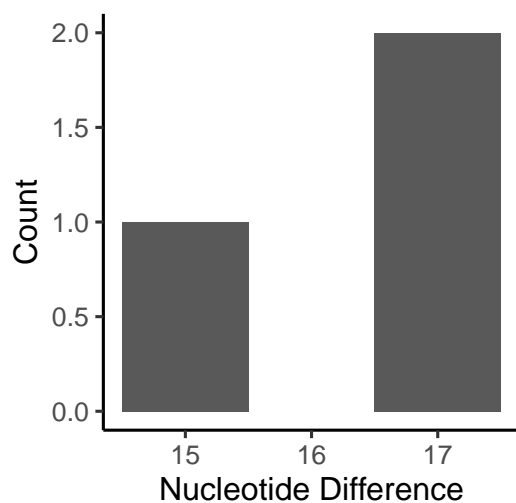
### IGHV4-34\*01

348 sequences assigned  
No exact matches.



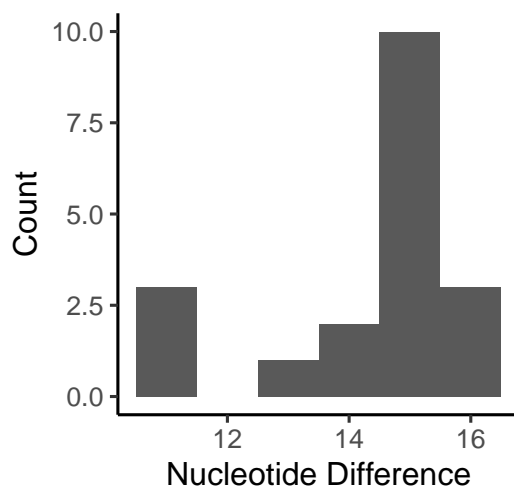
### IGHV4-34\*02

6 sequences assigned  
No exact matches.



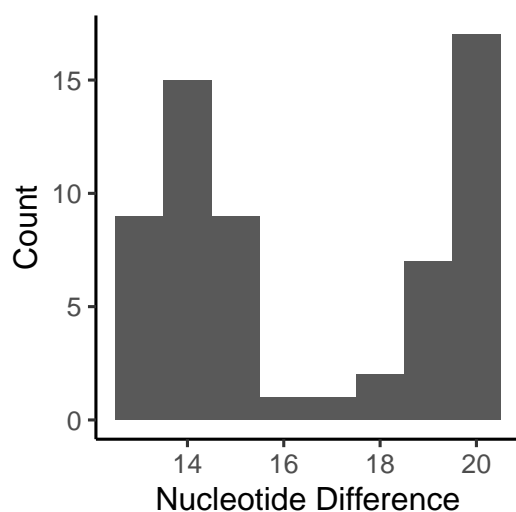
### IGHV4-61\*01

19 sequences assigned  
No exact matches.



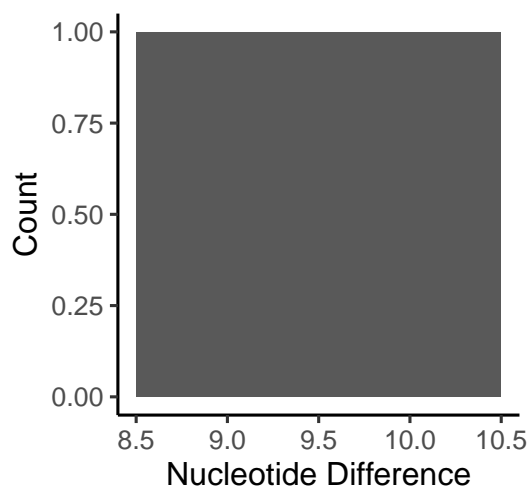
### IGHV4-39\*01

69 sequences assigned  
No exact matches.



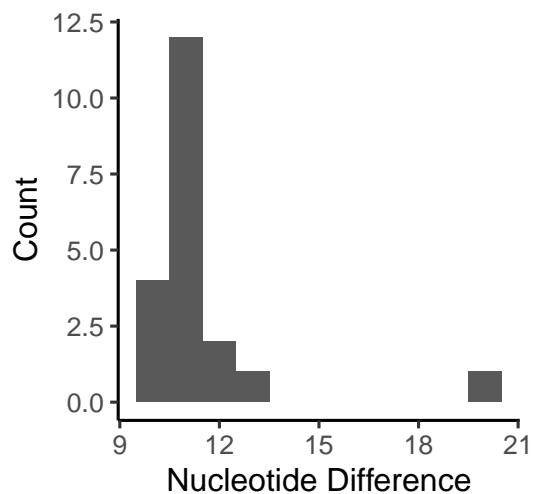
### IGHV5-51\*01

2 sequences assigned  
No exact matches.



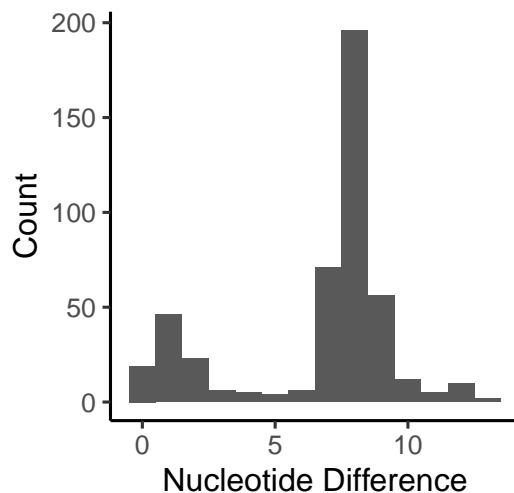
### IGHV4-59\*01

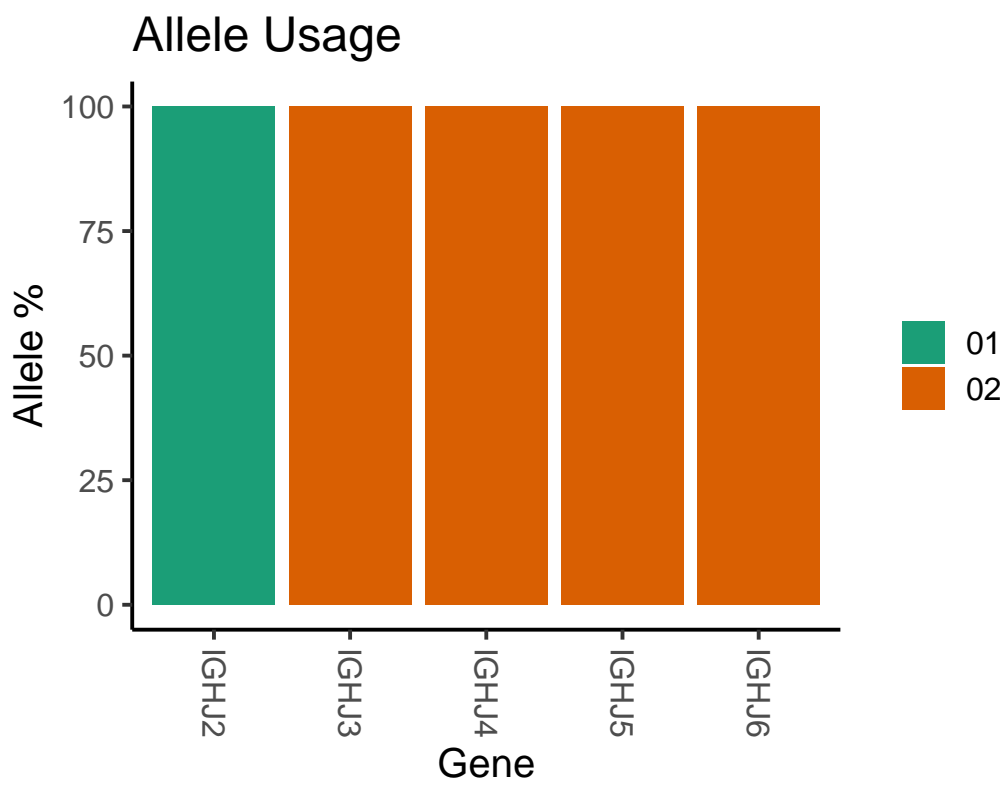
23 sequences assigned  
No exact matches.



### IGHV6-1\*01

461 sequences assigned  
19 (4.1%) exact matches, in which:  
7 unique CDR3  
1 unique J





Warning – no inferred sequences found.