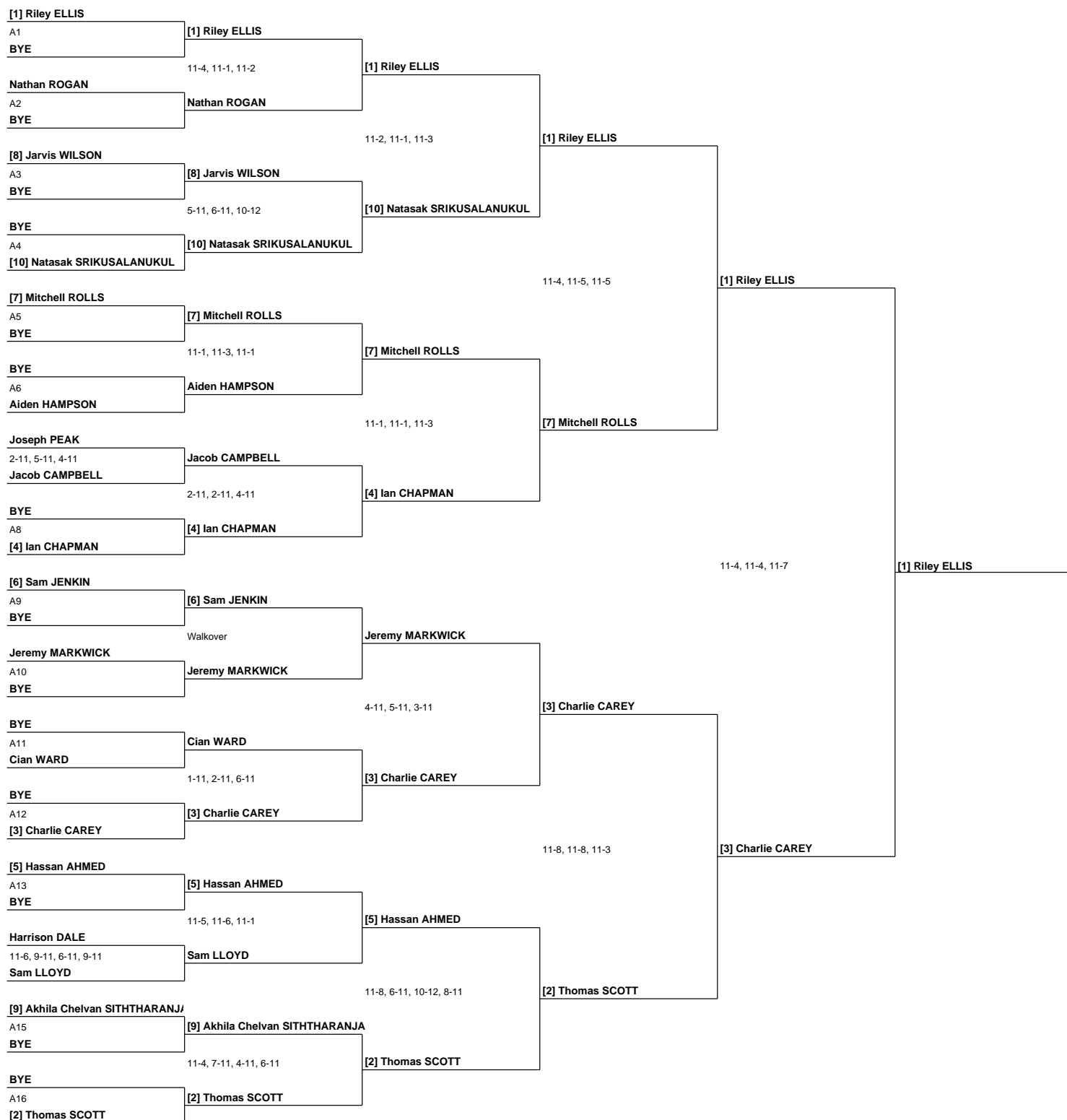
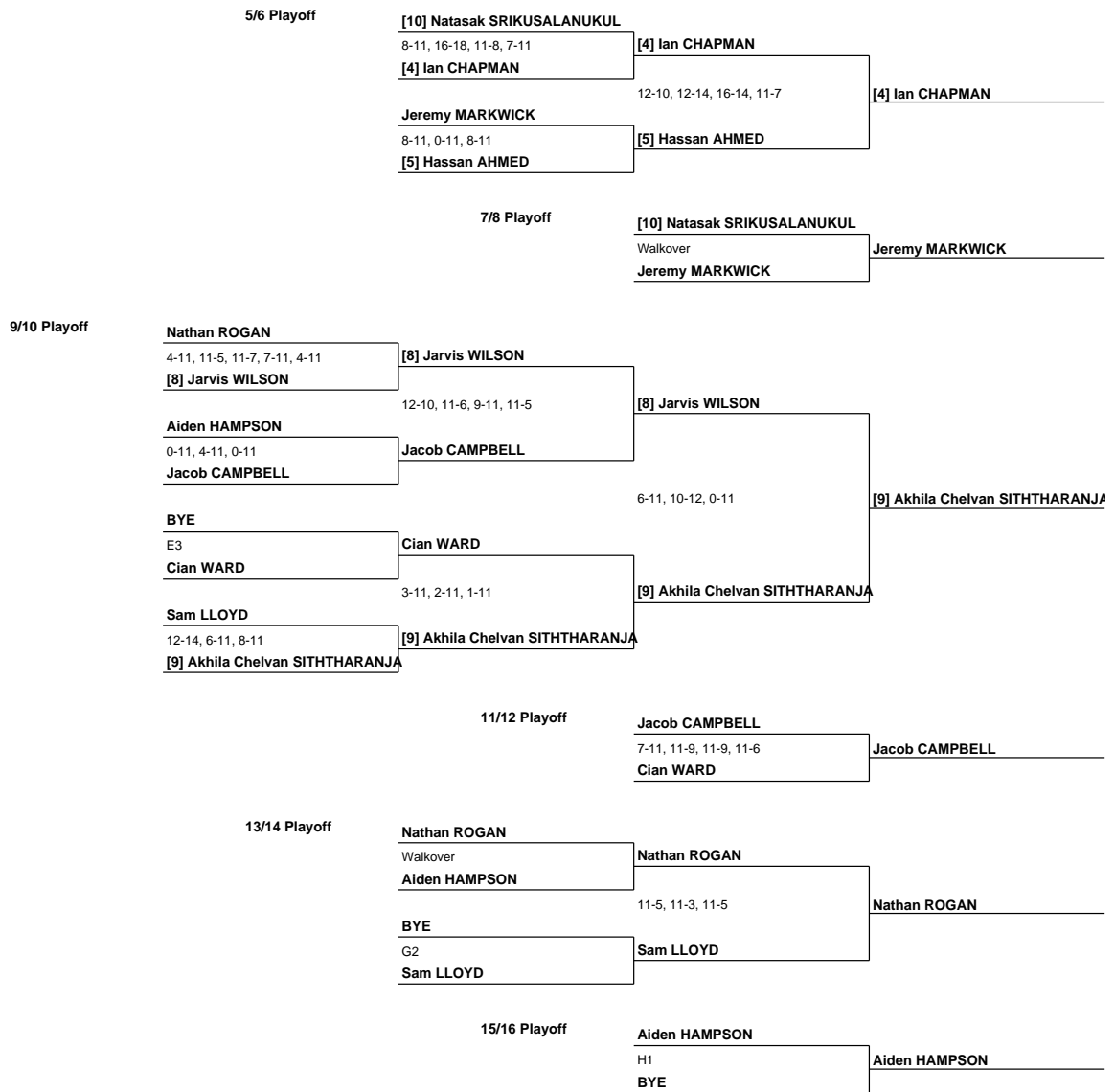


Vikings Junior Challenge, 2017

U15 Boys

Main Draw





The pedigree chart illustrates the inheritance of a trait across four generations (I to IV). The chart includes individuals with names like Joseph PEAK, Harrison DALE, and I1 through I18. Some individuals are marked with 'BYE' or 'HARRISON DALE'.

Generation I:

- I1 (BYE) and I2 (BYE) are parents of I3 (BYE) and I4 (BYE).
- I5 (BYE) and I6 (BYE) are parents of I7 (Harrison DALE) and I8 (BYE).

Generation II:

- I9 (BYE) and I10 (BYE) are parents of I11 (BYE) and I12 (BYE).
- I13 (BYE) and I14 (BYE) are parents of I15 (BYE) and I16 (BYE).

Generation III:

- I17 (BYE) and I18 (BYE) are parents of I19 (BYE) and I20 (BYE).
- I21 (BYE) and I22 (BYE) are parents of I23 (BYE) and I24 (BYE).

Generation IV:

- I25 (BYE) and I26 (BYE) are parents of I27 (BYE) and I28 (BYE).
- I29 (BYE) and I30 (BYE) are parents of I31 (BYE) and I32 (BYE).

Key Individuals and Relationships:

- Joseph PEAK** is the father of I13 (BYE) and I14 (BYE).
- Harrison DALE** is the father of I17 (Harrison DALE) and I18 (BYE).
- BYE** is a common label for many individuals, possibly indicating a specific status or trait.

BYE	
J1	
BYE	

[illegible]

BYE	
L1	
BYE	

The diagram illustrates a merge operation using a binary tree structure. It starts with six input pairs, each consisting of a message (M1 through M6) and a 'BYE' signal. These are grouped into three pairs of pairs. The first two pairs (M1, M2 and M3, M4) merge into a single 'BYE' signal, labeled M5. The next two pairs (M5, M6 and M3, M4) merge into another 'BYE' signal, labeled M7. Finally, the two 'BYE' signals (M5 and M7) merge into a single output 'BYE' signal. The diagram is labeled 'Figure 10.10: A tree diagram for a merge operation'.

BYE	
N1	
BYE	

29/30 Playoff

BYE

O1

BYE

BYE

O3

BYE

O2

BYE

BYE

31/32 Playoff

BYE

P1

BYE