

Supporting figure S1 for “Allelic recombination between distinct genomic locations generates copy number diversity in human beta-defensins ” by Suhaili Abu Bakar *et al.*

(28 pages)

Page Contents

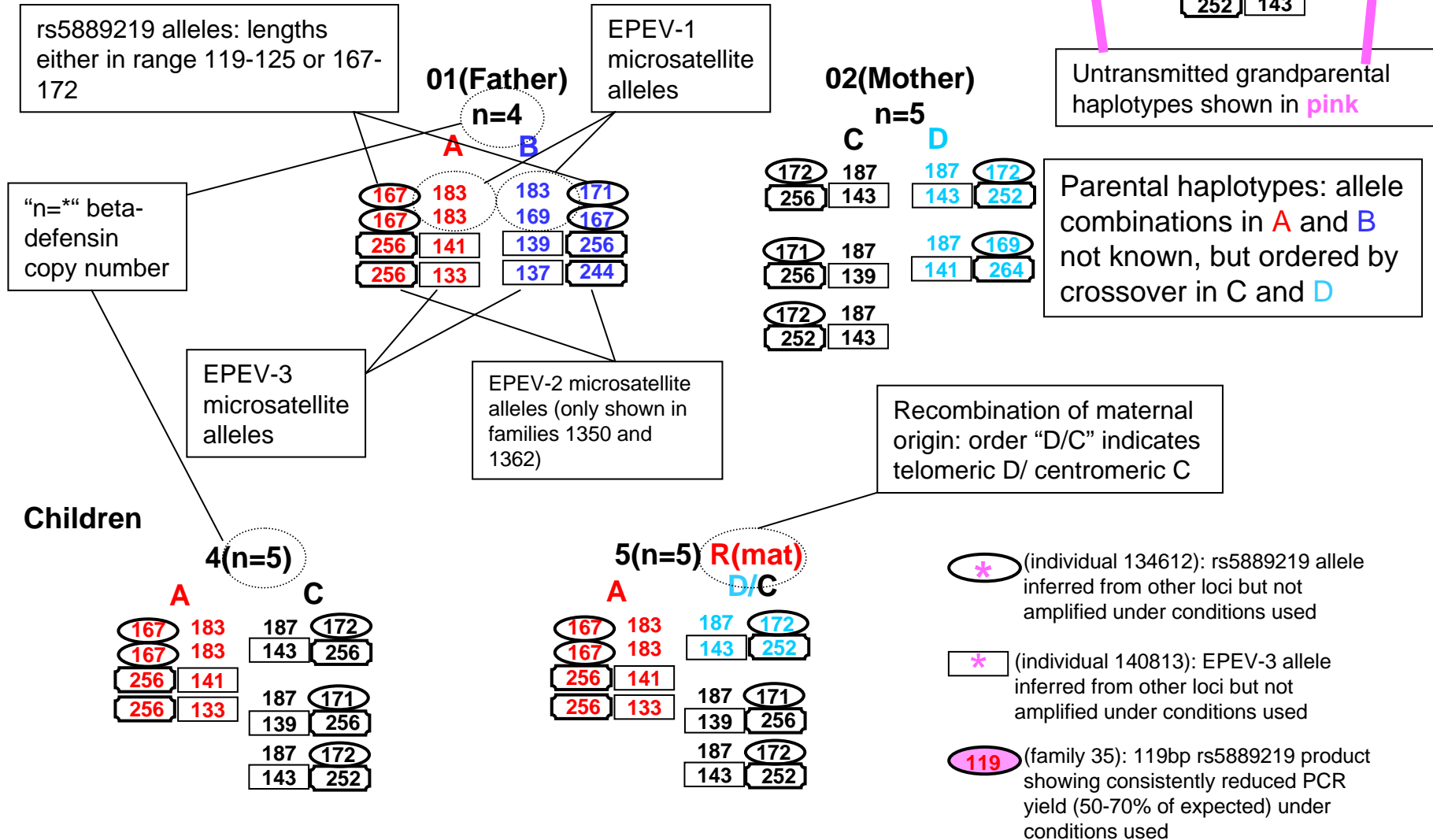
1 This contents page

Supporting Figure S1:

2 Key to Supporting Figure S1, showing data from members of CEPH family 1350 as an example

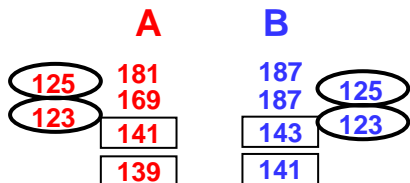
3-28 Complete CEPH family data, families 02-13294

Key to Supporting Figure S1 CEPH family data (showing members of family 1350)

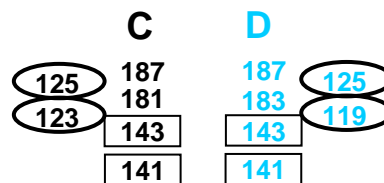


CEPH Family 2

01(Father)
n=4

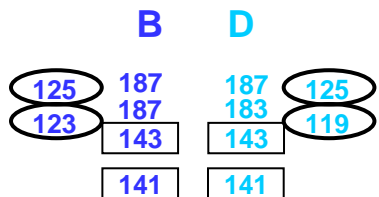


02(Mother)
n=4

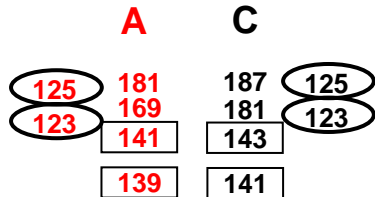


Children

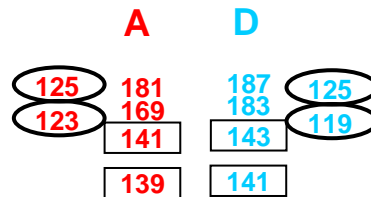
3(n=4)



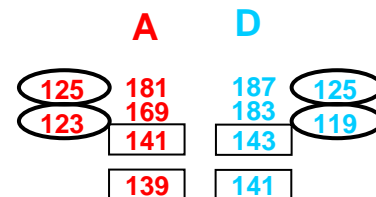
4(n=4)



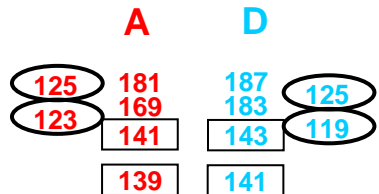
5(n=4)



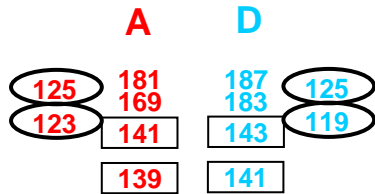
6(n=4)



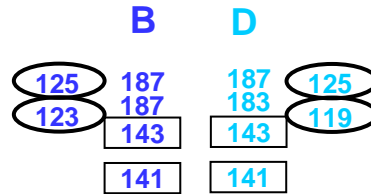
7(n=4)

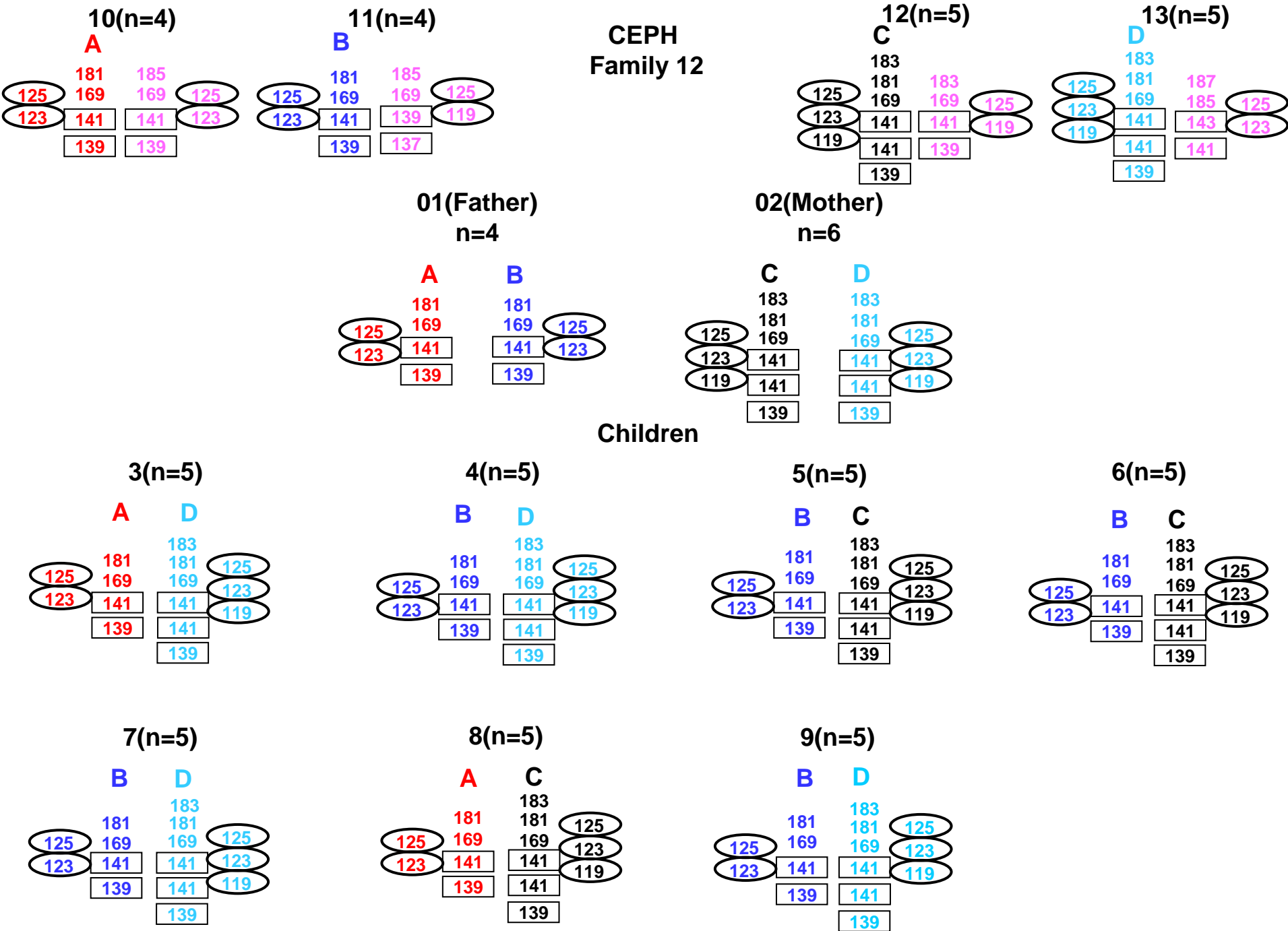


8(n=4)



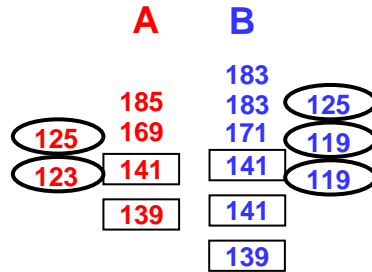
9(n=4)



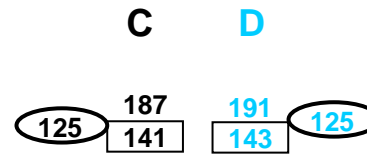


CEPH Family 23

01(Father)
n=5

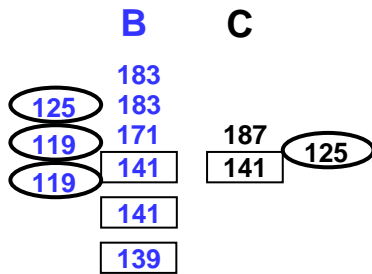


02(Mother)
n=2

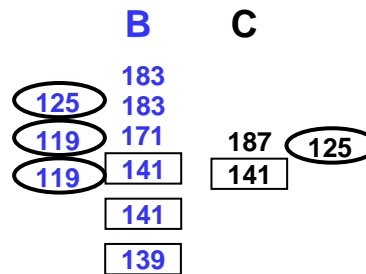


Children

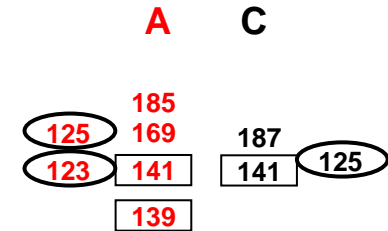
3(n=4)



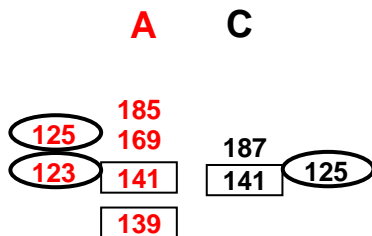
4(n=4)



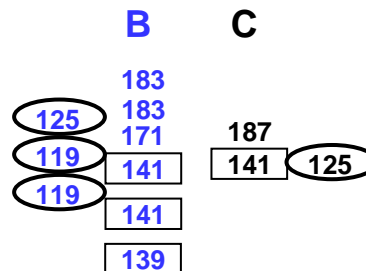
5(n=3)



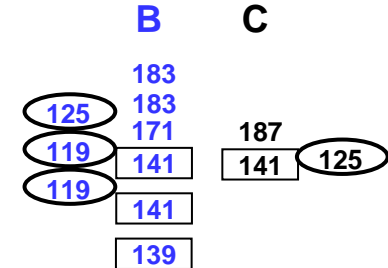
6(n=3)



7(n=4)



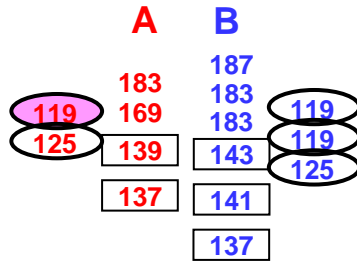
8(n=4)



CEPH Family 35

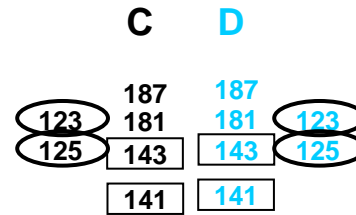
01(Father)

n=5



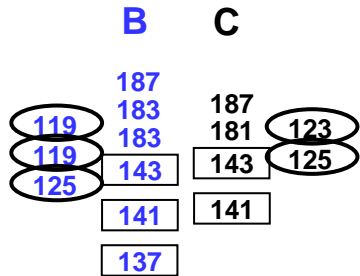
01(Mother)

n=4

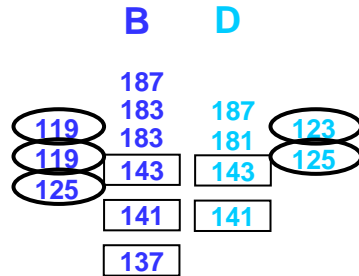


Children

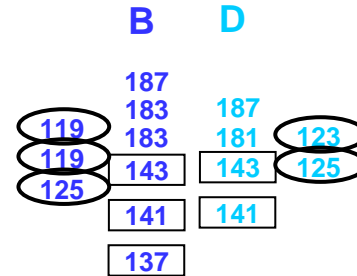
3(n=5)



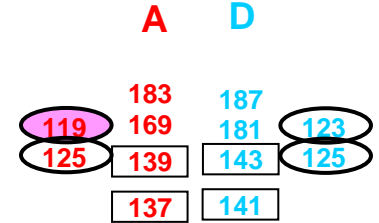
4(n=5)



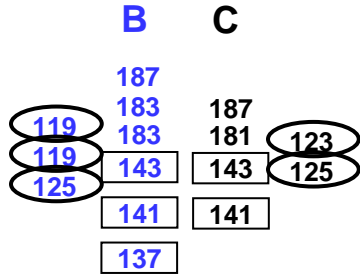
5(n=5)



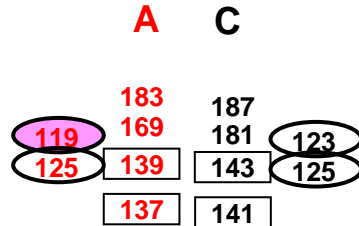
6(n=4)



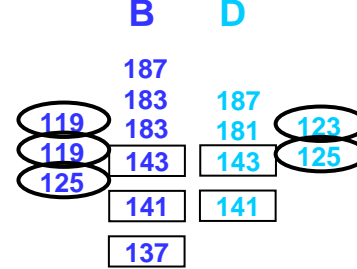
7(n=5)



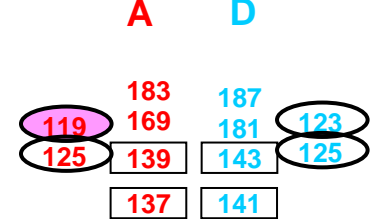
8(n=4)



9(n=5)

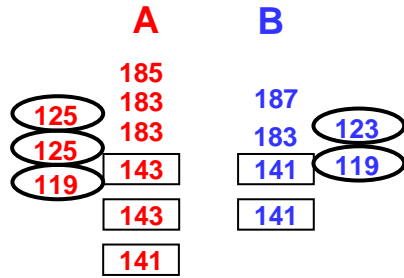


10(n=4)

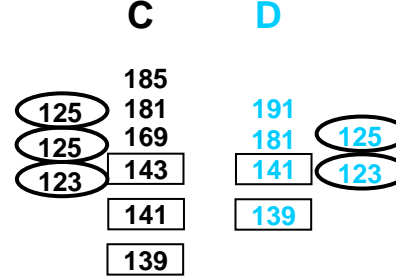


CEPH Family 37

01(Father)
n=5

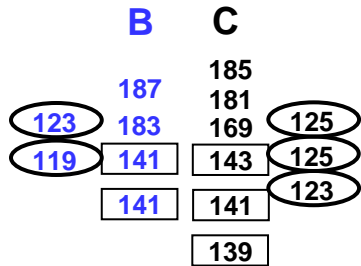


02(Mother)
n=5

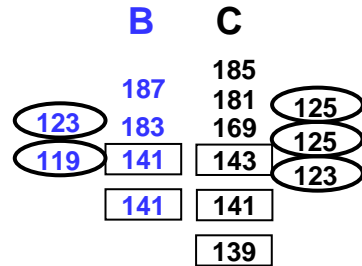


Children

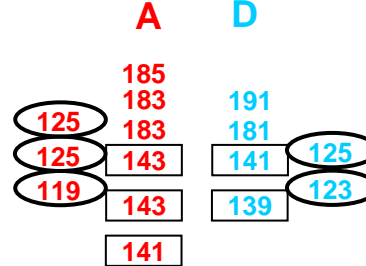
4(n=5)



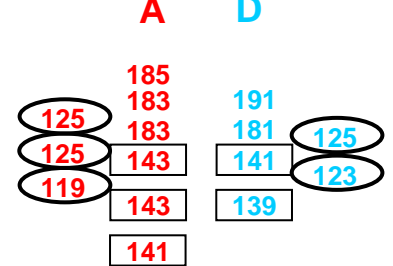
5(n=5)



6(n=5)

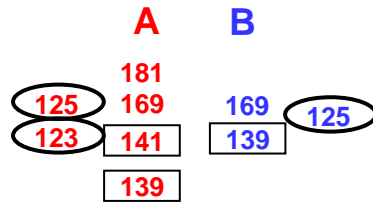


8(n=5)

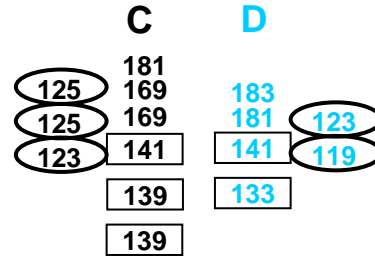


CEPH Family 45

01(Father)
n=3

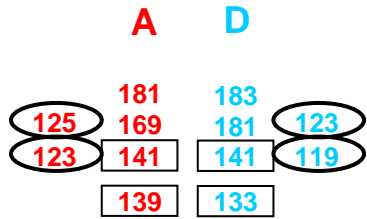


02(Mother)
n=5

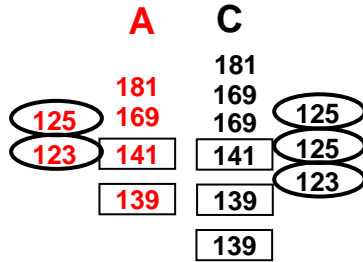


Children

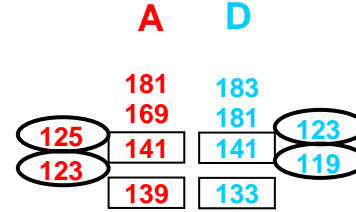
3(n=4)



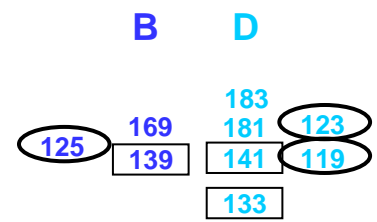
4(n=5)



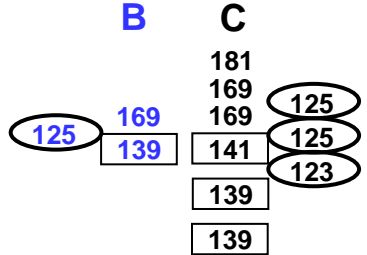
5(n=4)



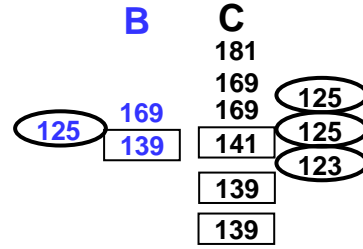
6(n=3)



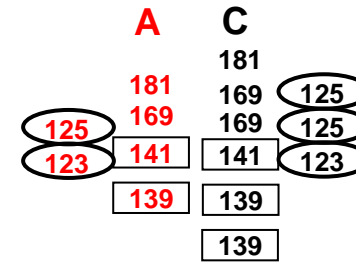
7(n=4)



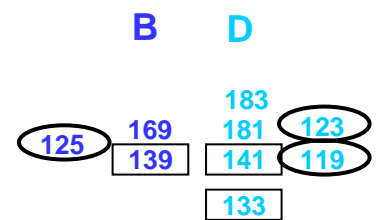
8(n=4)



9(n=5)

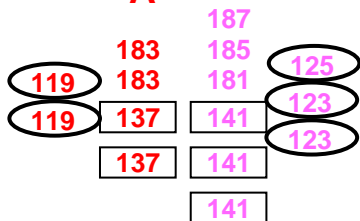


10(n=3)



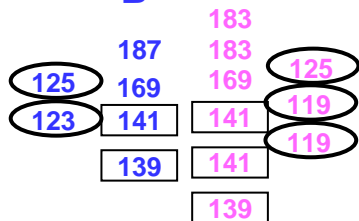
10(n=5)

A



11(n=5)

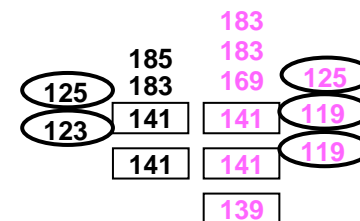
B



CEPH
Family 66

12(n=5)

C

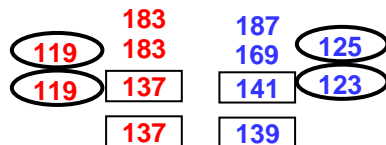


01(Father)

n=4

A

B

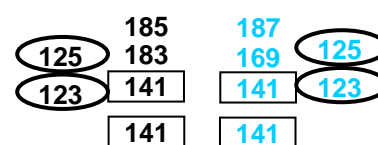


02(Mother)

n=4

C

D

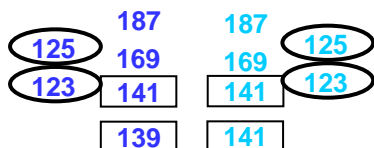


Children

4(n=4)

B

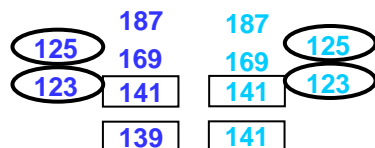
D



5(n=4)

B

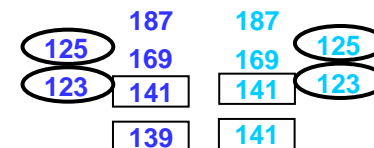
D



6(n=4)

B

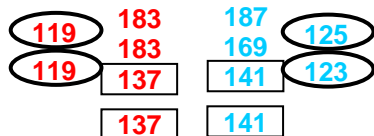
D



7(n=4)

A

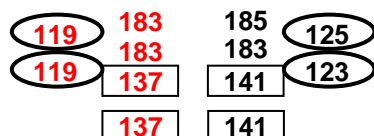
D



8(n=4)

A

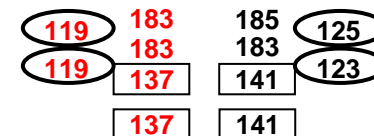
C



9(n=4)

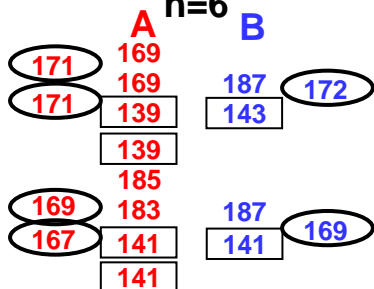
A

C



01(Father)

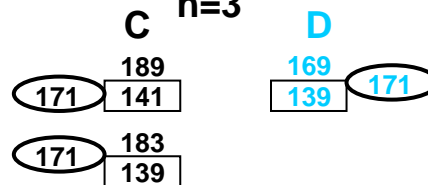
n=6



CEPH
Family 102

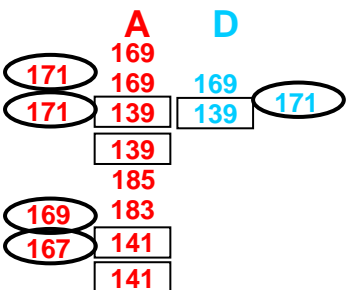
02(Mother)

n=3

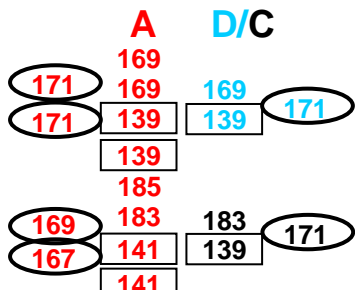


Children

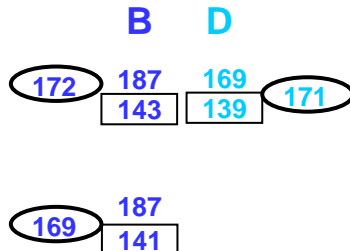
3(n=5)



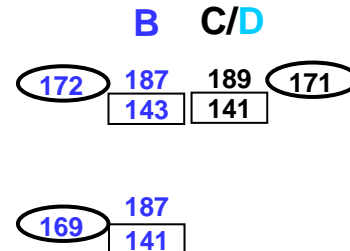
4(n=6) R(mat)



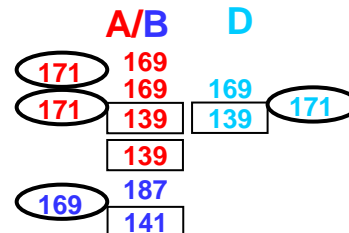
5(n=3)



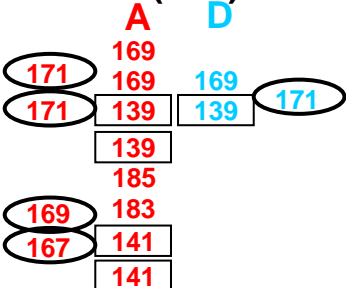
6(n=3) R(mat)



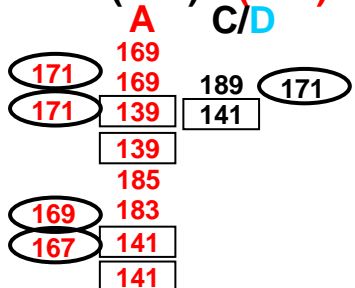
7(n=4) R(pat)



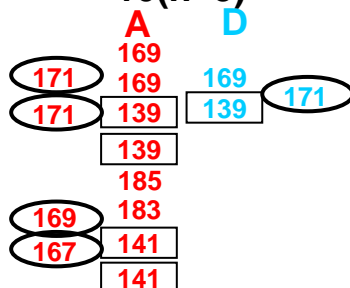
8(n=5)



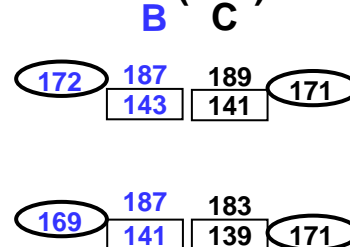
9(n=5) R(mat)



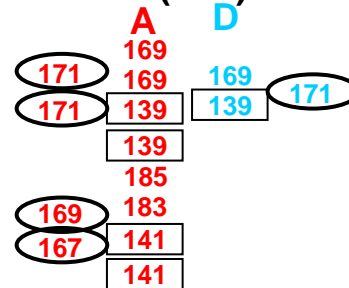
10(n=5)



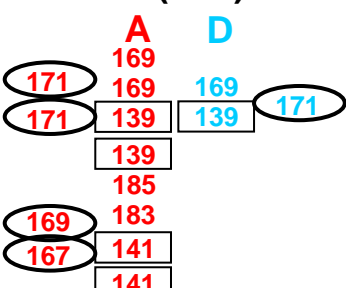
11(n=4)



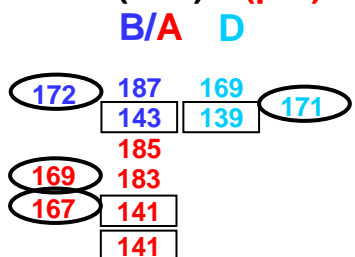
12(n=5)



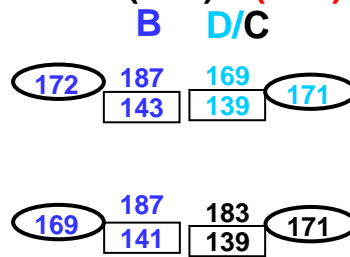
13(n=5)



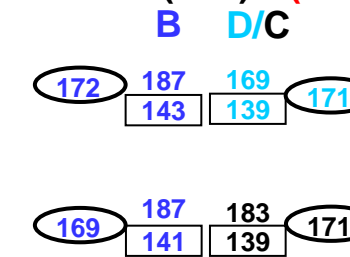
14(n=4) R(pat)



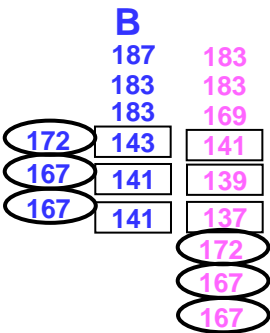
15(n=4) R(mat)



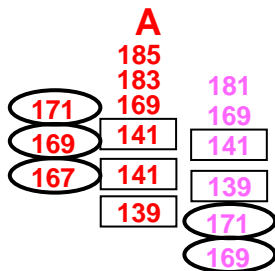
16(n=4) R(mat)



13(n=6)



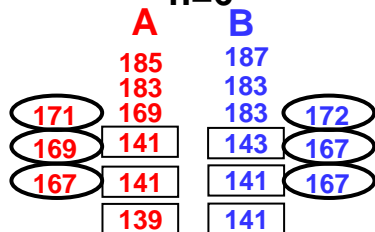
14(n=5)



CEPH Family 104

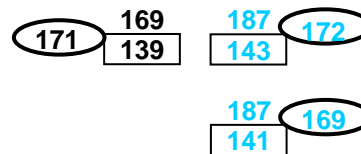
01(Father)

n=6



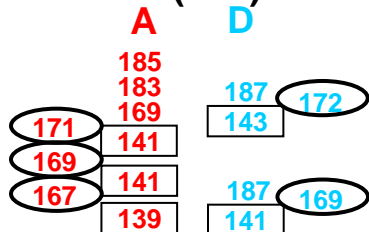
02(Mother)

n=3

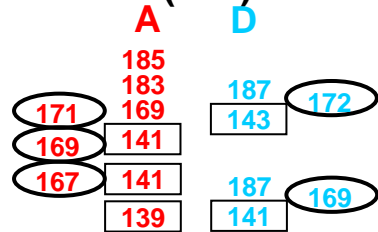


Children

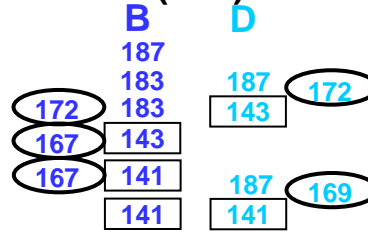
3(n=5)



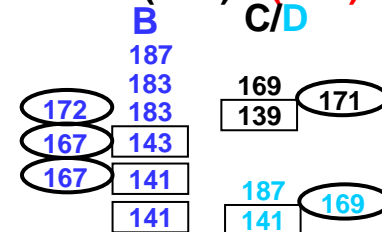
4(n=5)



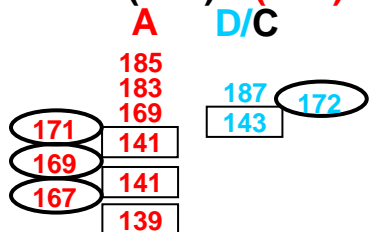
5(n=5)



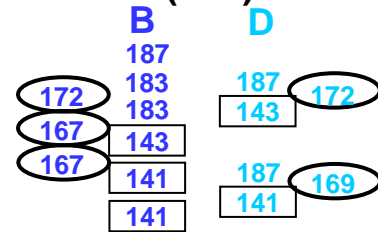
6(n=5) R(mat)



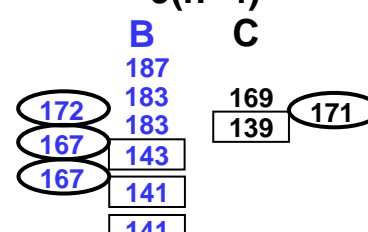
7(n=4) R(mat)



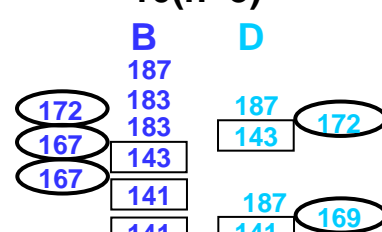
8(n=5)



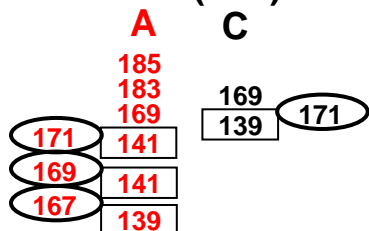
9(n=4)



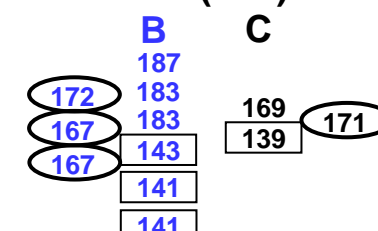
10(n=5)

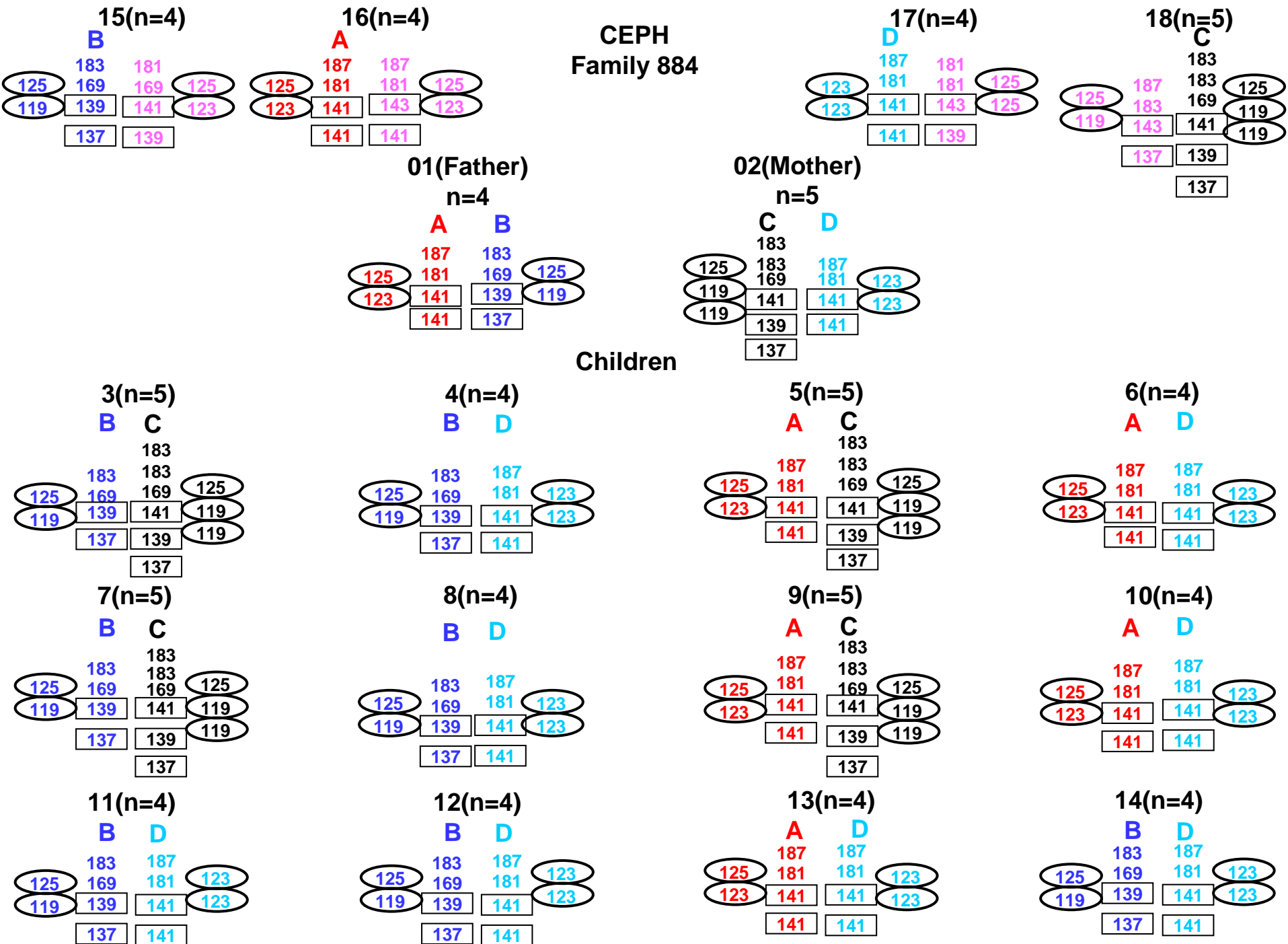


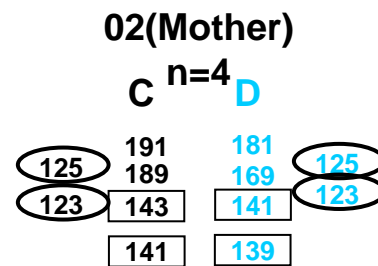
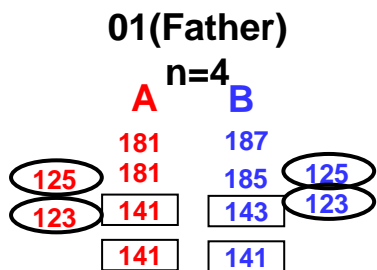
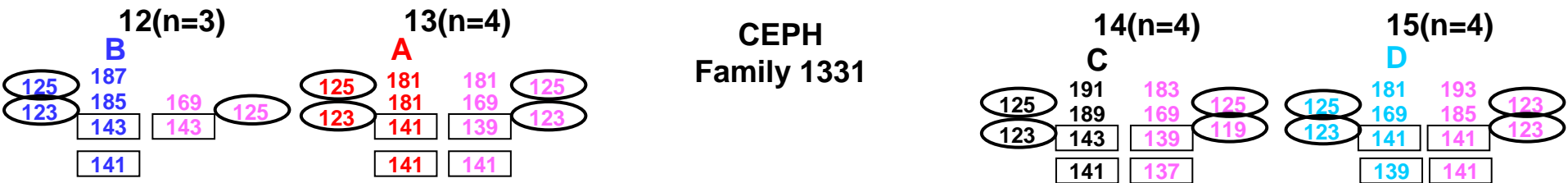
11(n=4)



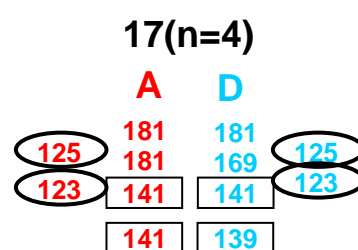
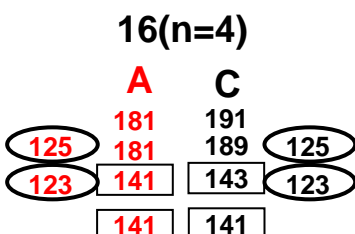
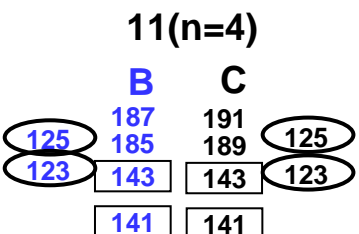
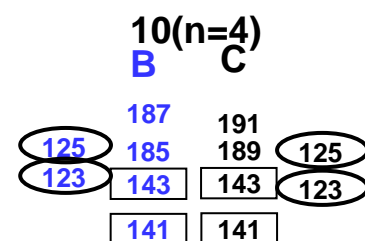
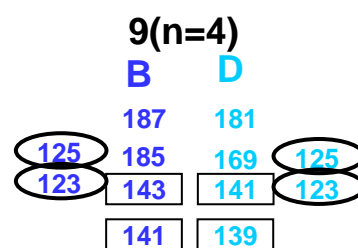
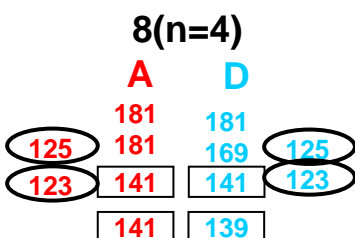
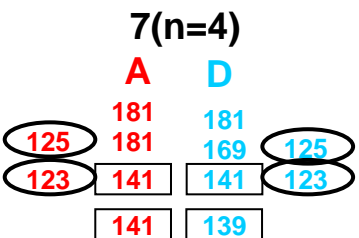
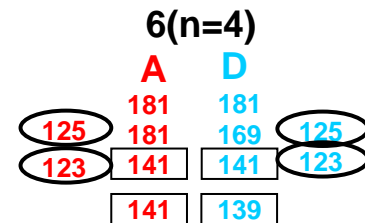
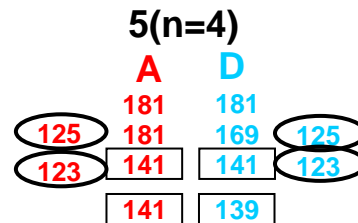
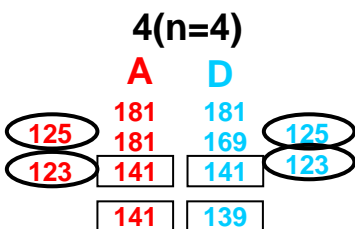
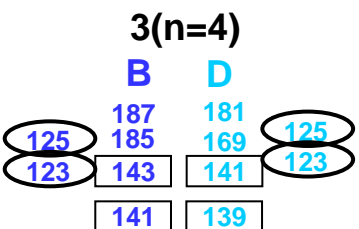
12(n=4)

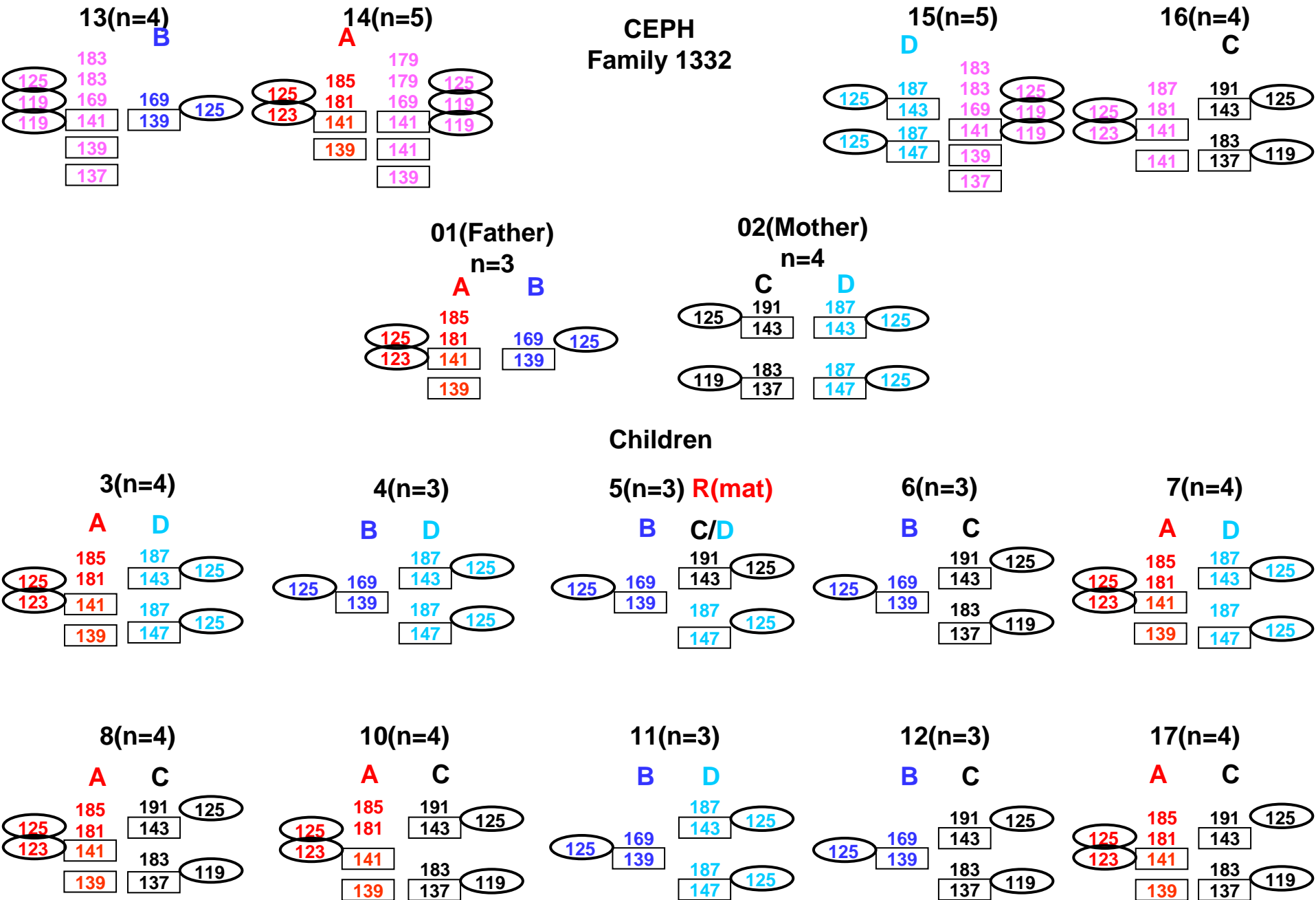






Children

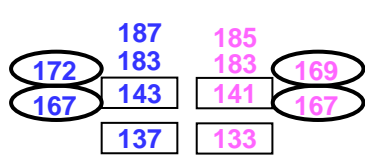




CEPH
Family 1333

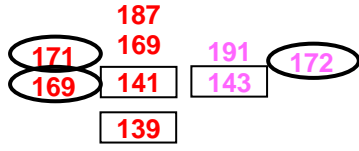
11(n=4)

B



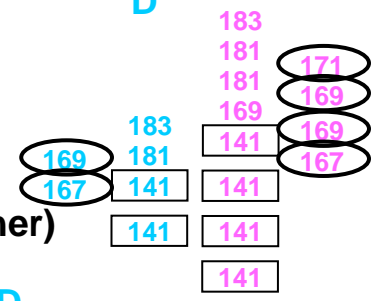
12(n=3)

A



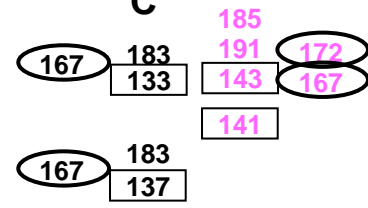
13(n=6)

D



14(n=4)

C

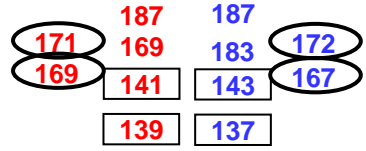


01(Father)

n=4

A

B

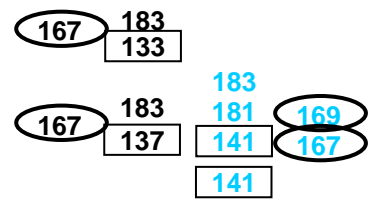


02(Mother)

n=4

C

D

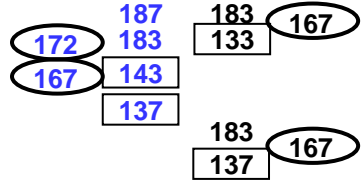


Children

3(n=4)

B

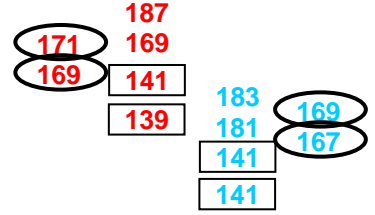
C



4(n=4)

A

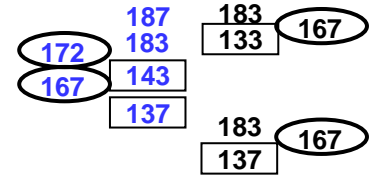
D



5(n=4)

B

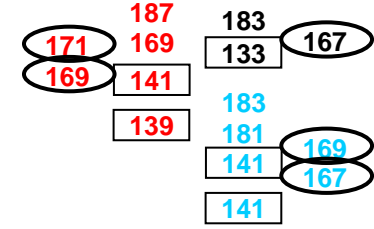
C



6(n=5) R(mat)

A

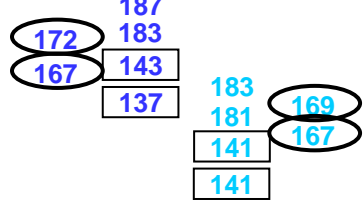
C/D



7(n=4)

B

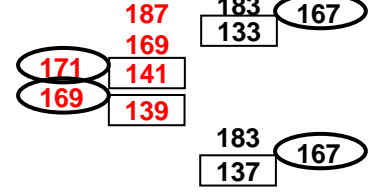
D



8(n=4)

A

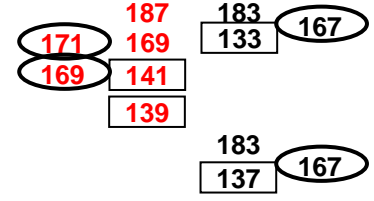
C



9(n=4)

A

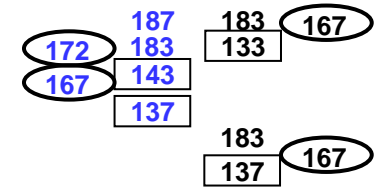
C



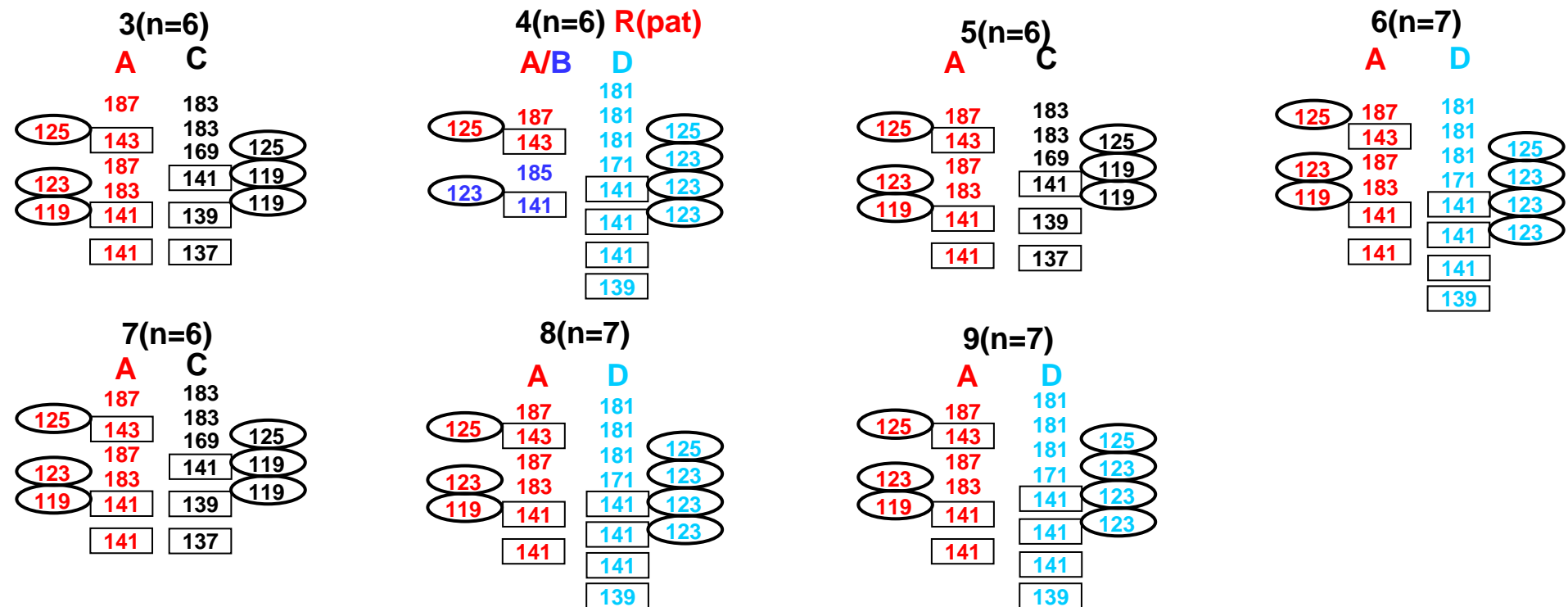
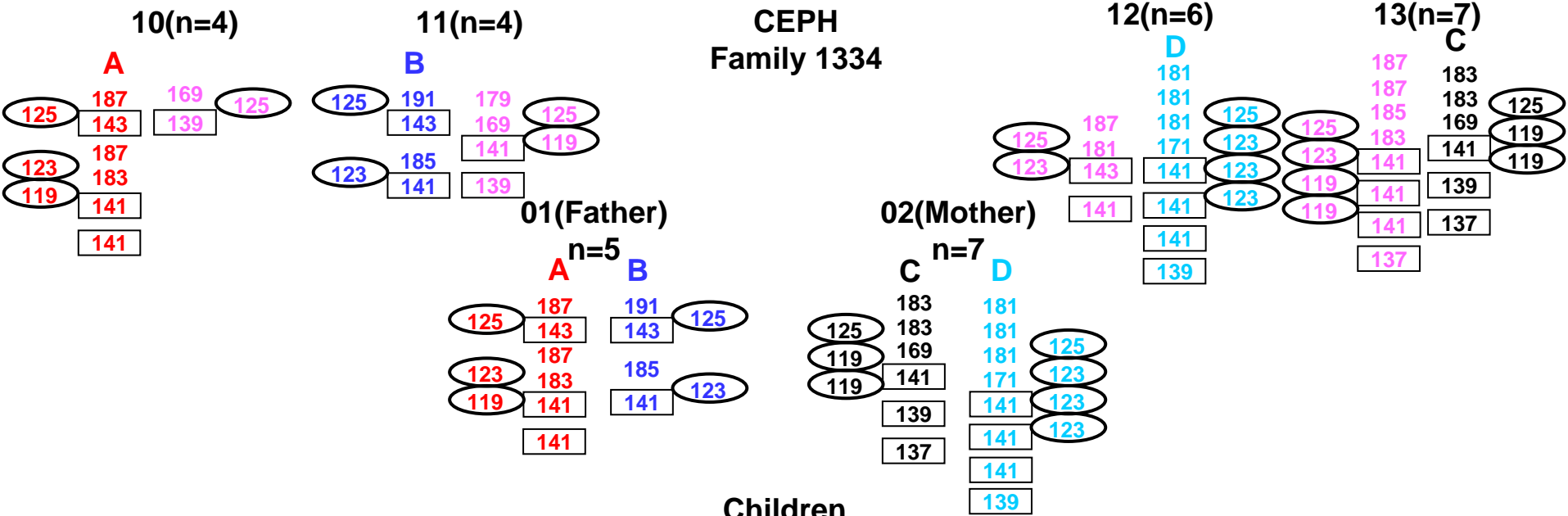
10(n=4)

B

C

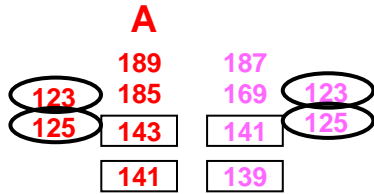


CEPH
Family 1334

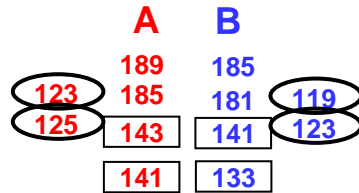


CEPH
Family 1341

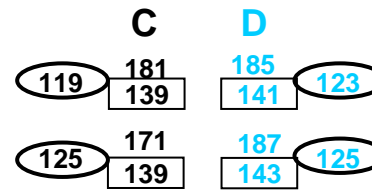
11(n=4)



01(Father)
n=4

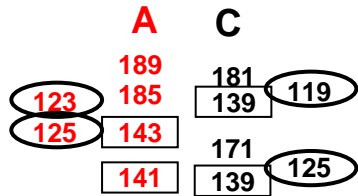


02(Mother)
n=4

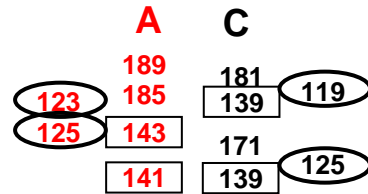


Children

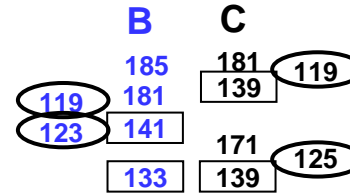
3(n=4)



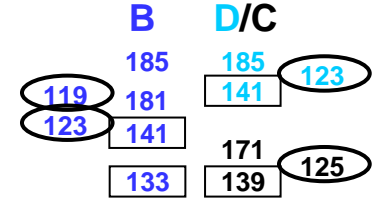
4(n=4)



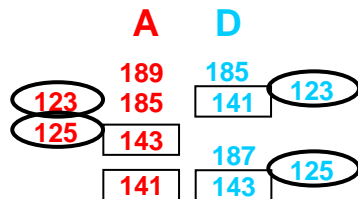
5(n=4)



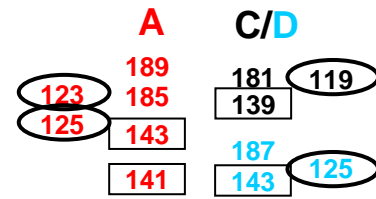
6(n=4) **R(mat)**



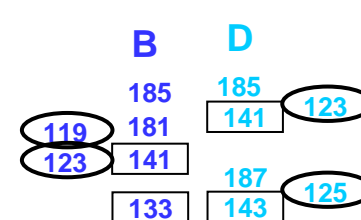
8(n=4)

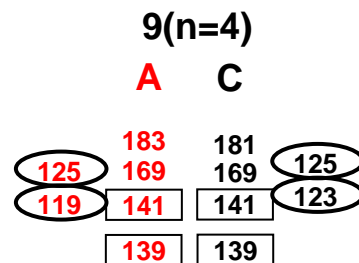
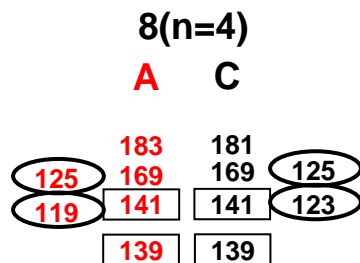
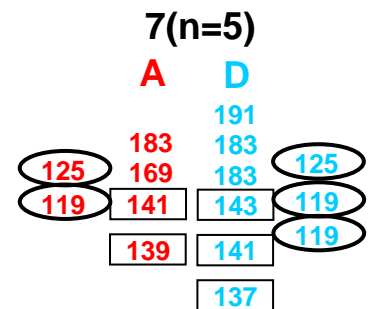
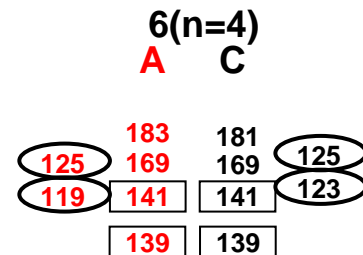
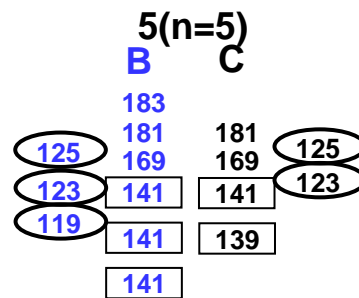
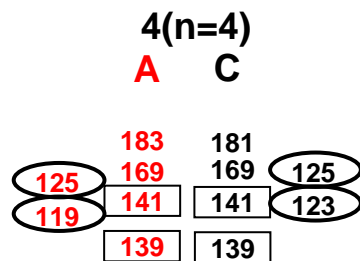
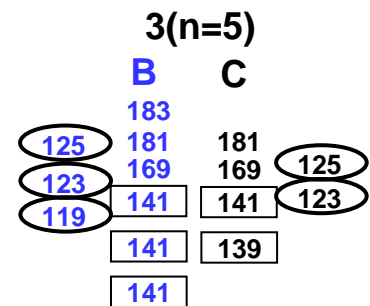
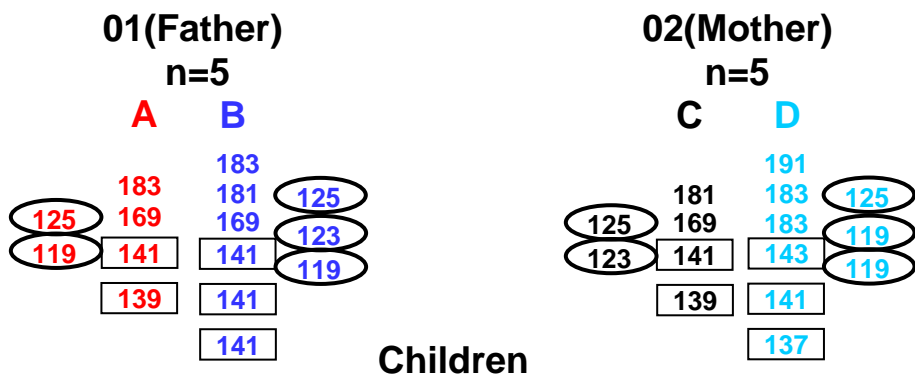
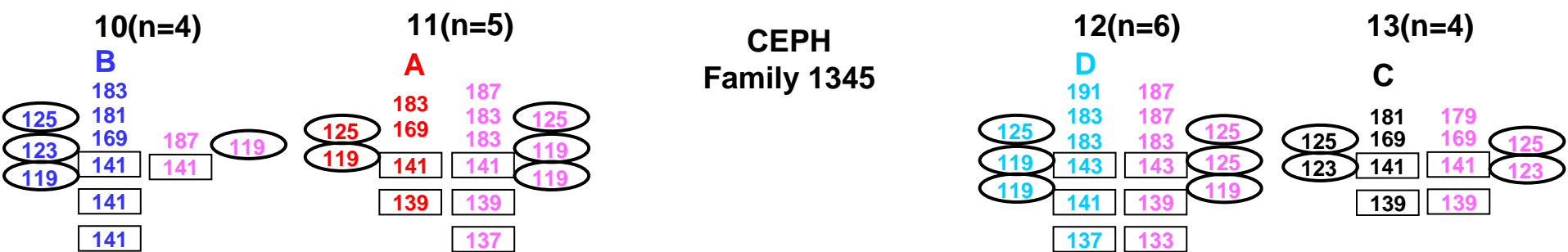


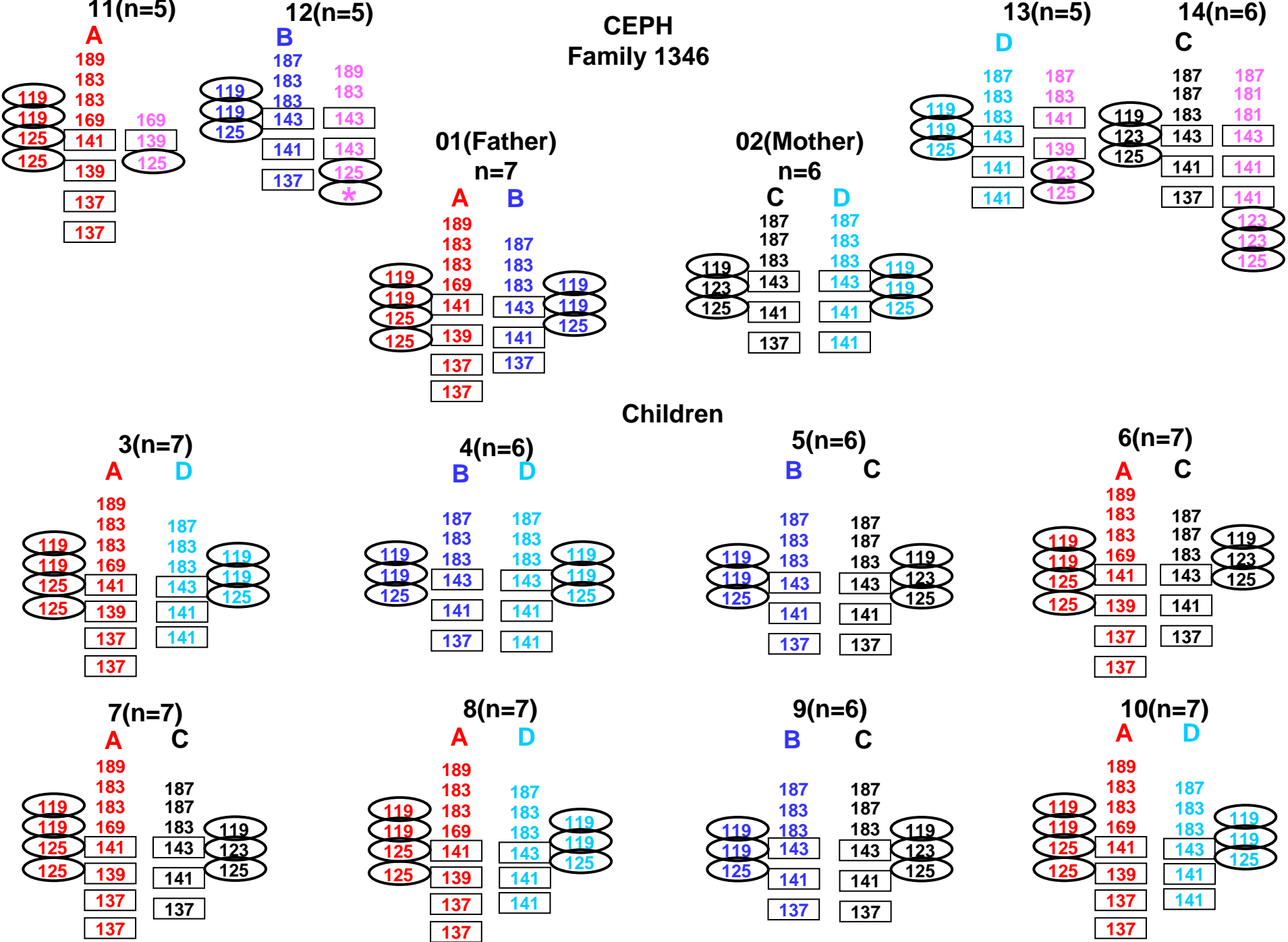
9(n=4) **R(mat)**



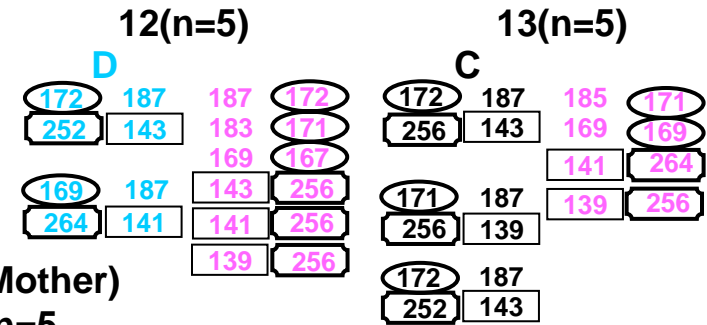
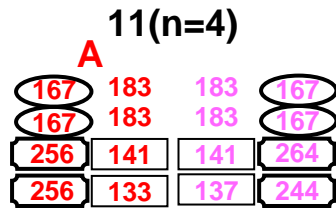
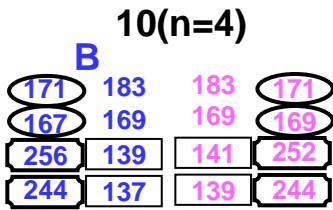
10(n=4)



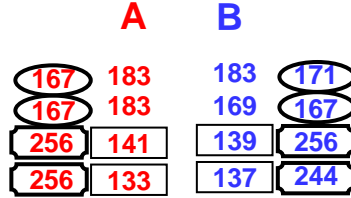




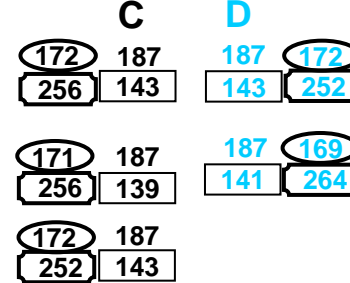
CEPH
Family 1350



01(Father)
n=4

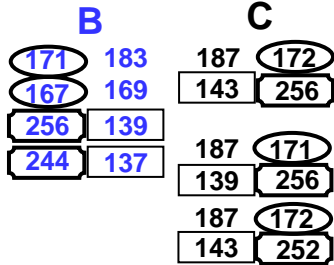


02(Mother)
n=5

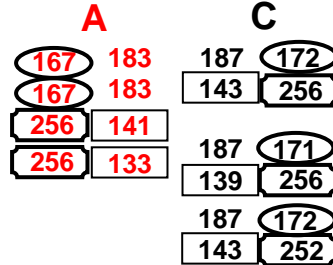


Children

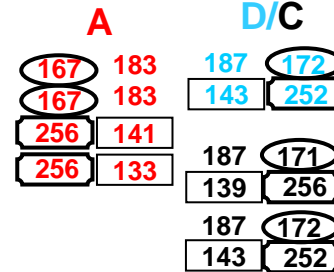
3(n=5)



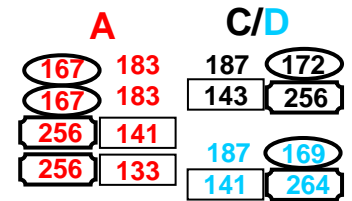
4(n=5)



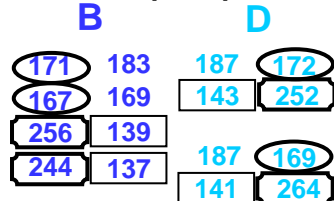
5(n=5) R(mat)



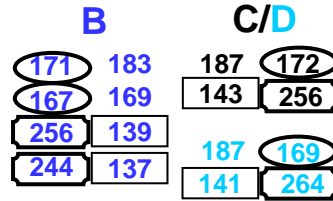
6(n=4) R(mat)



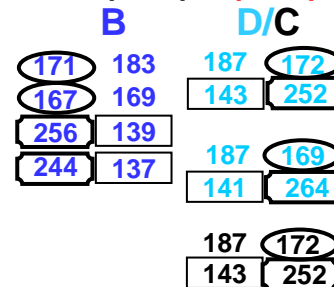
7(n=4)

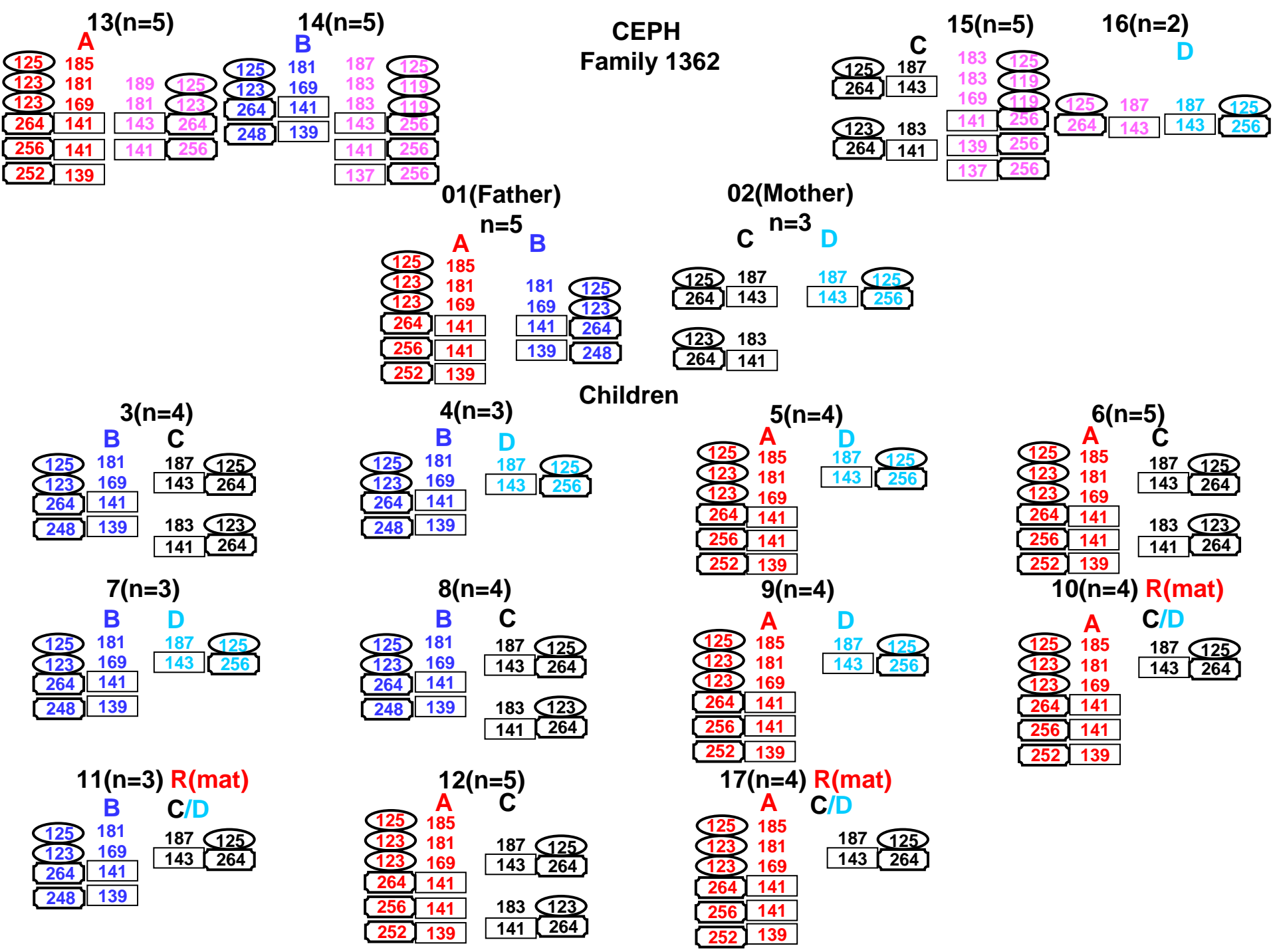


8(n=4) R(mat)

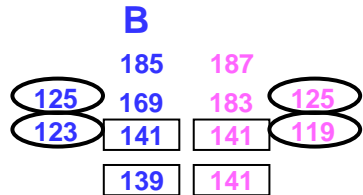


9(n=5) R(mat)



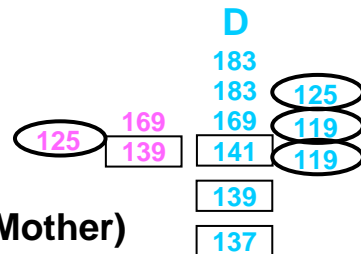


9(n=4)

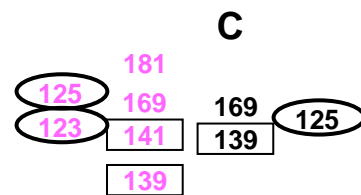


CEPH
Family 1375

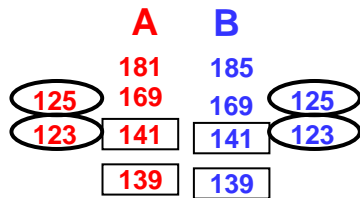
11(n=4)



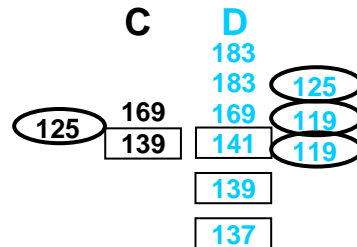
12(n=3)



01(Father)
n=4

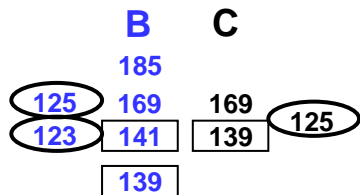


02(Mother)
n=4

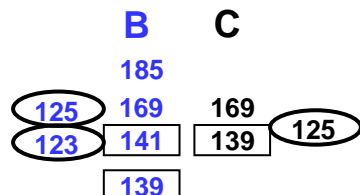


Children

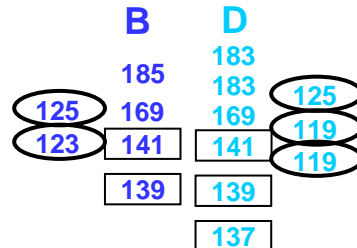
3(n=3)



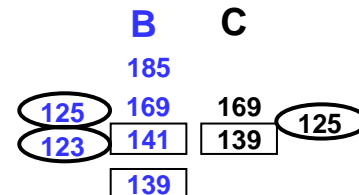
4(n=3)



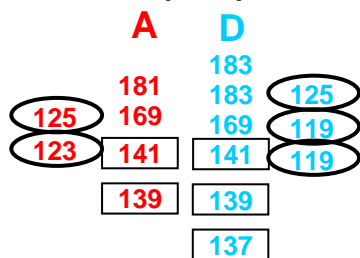
5(n=5)



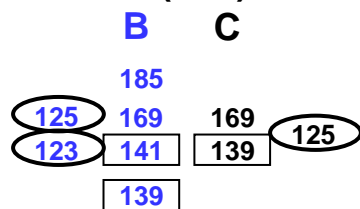
6(n=3)



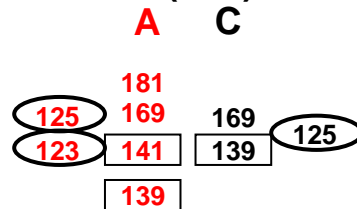
7(n=5)

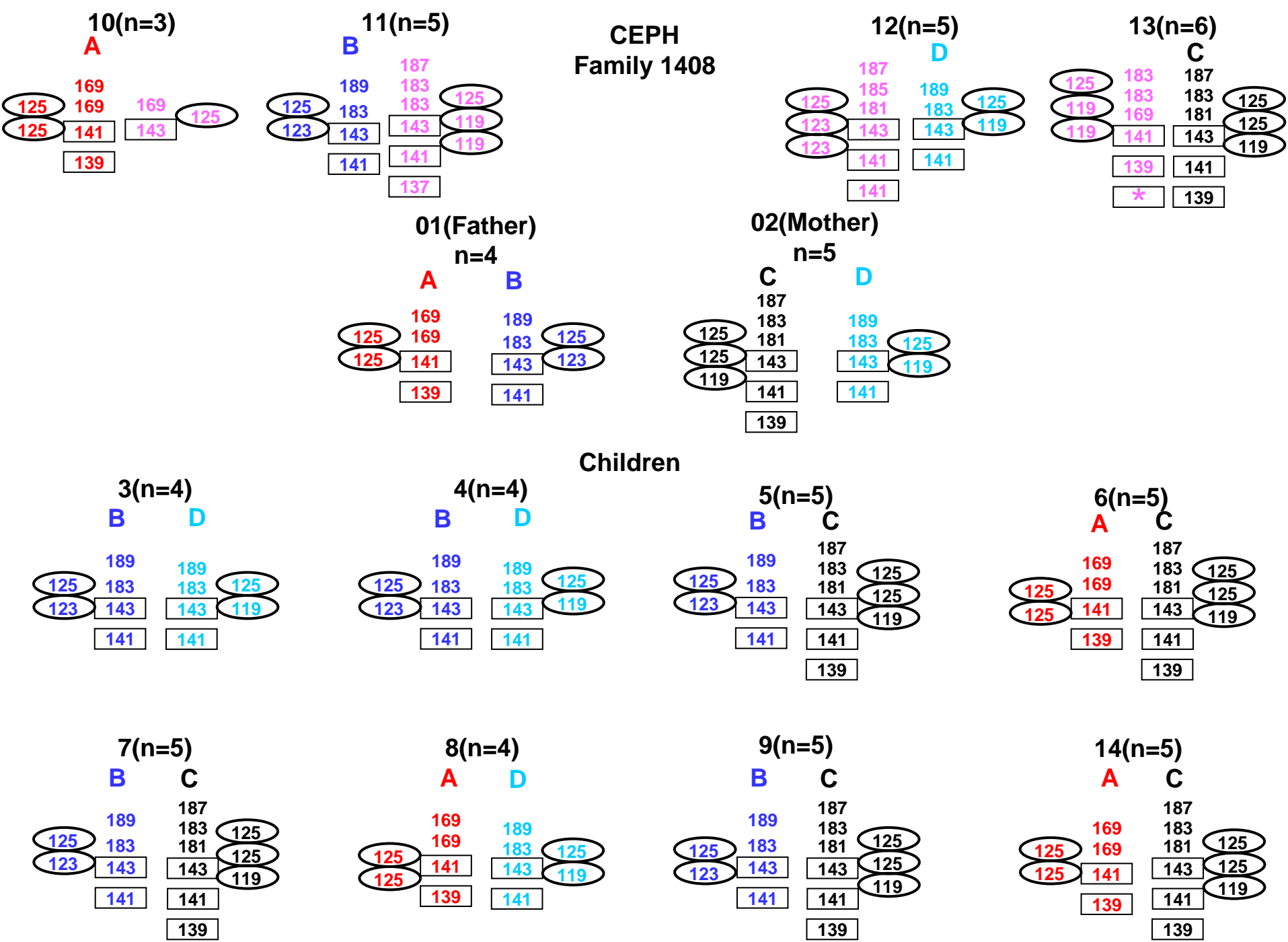


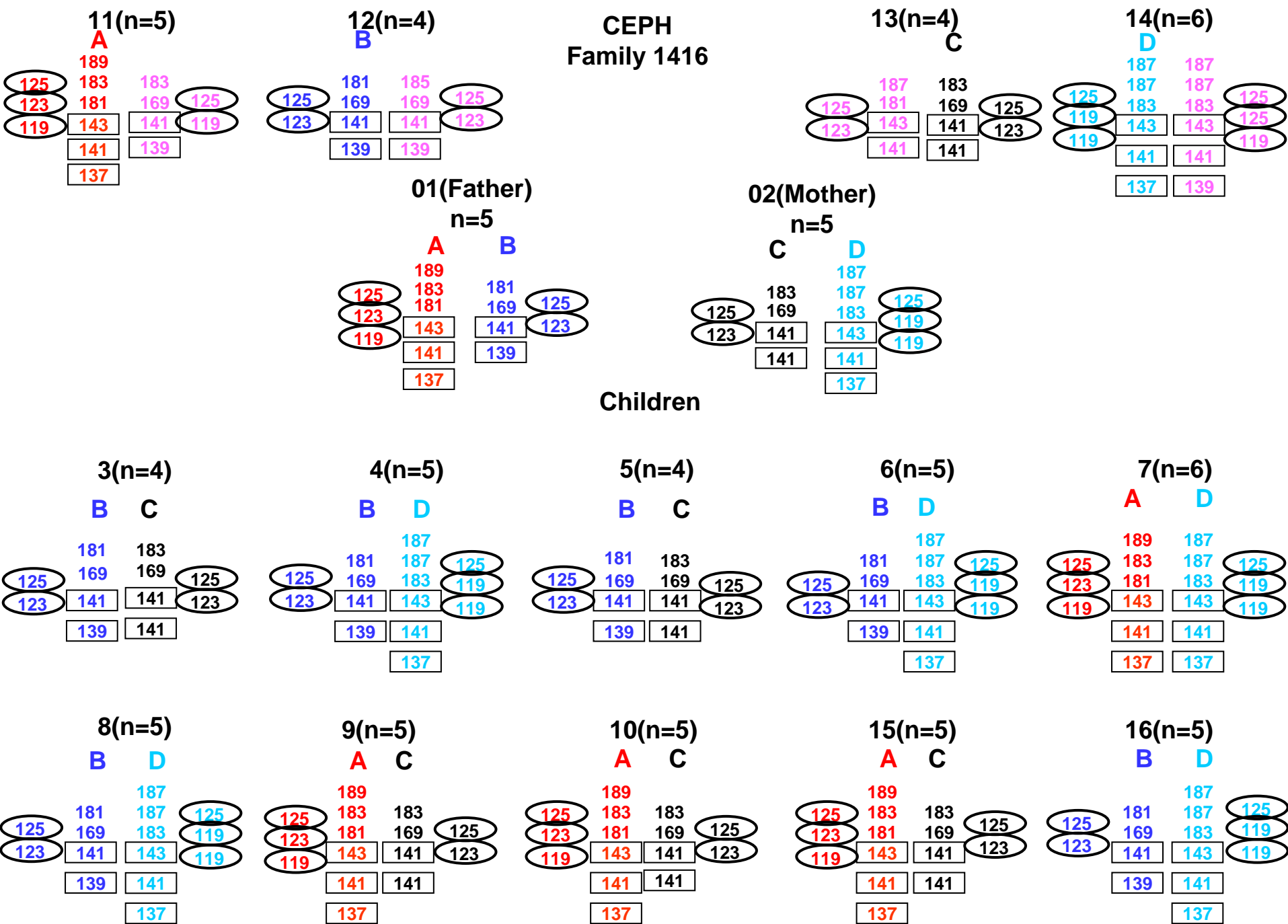
8(n=3)



13(n=3)

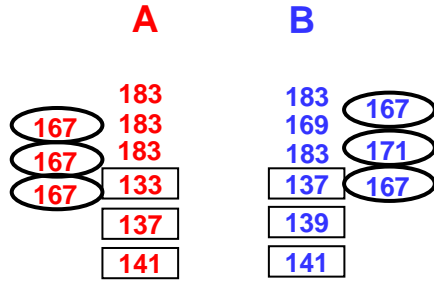




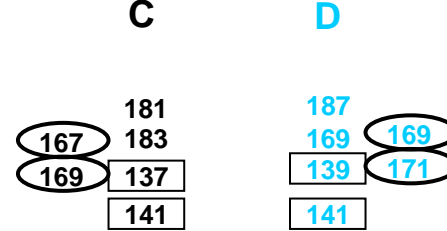


CEPH Family 1421

01(Father)
n=6

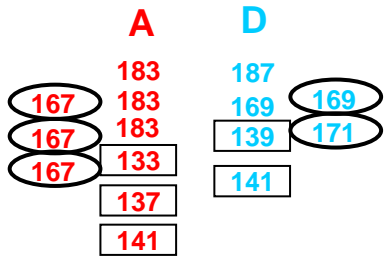


02(Mother)
n=4

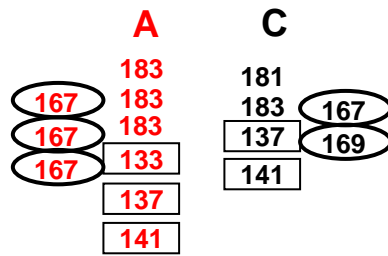


Children

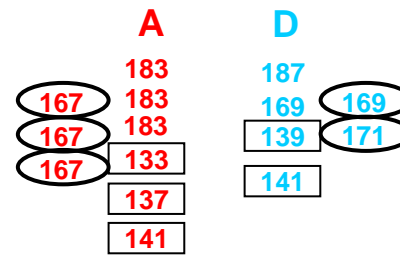
3(n=5)



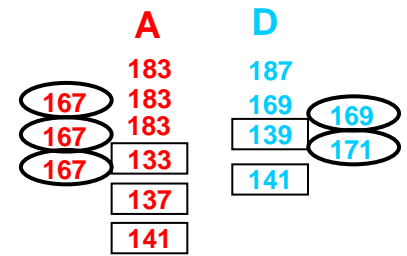
4(n=5)



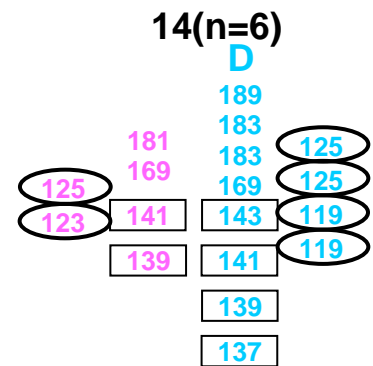
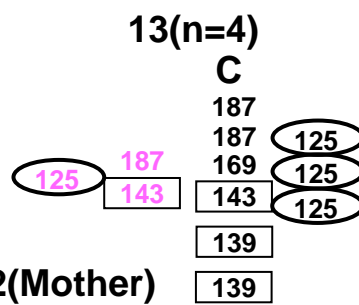
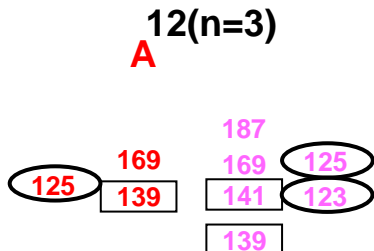
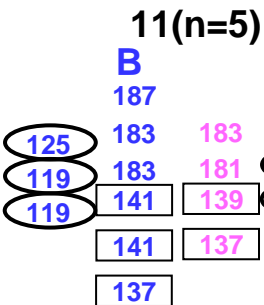
5(n=5)



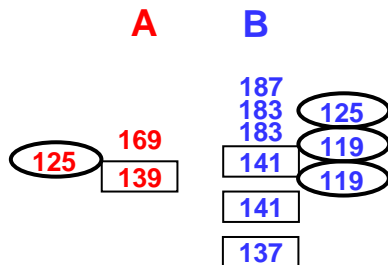
6(n=5)



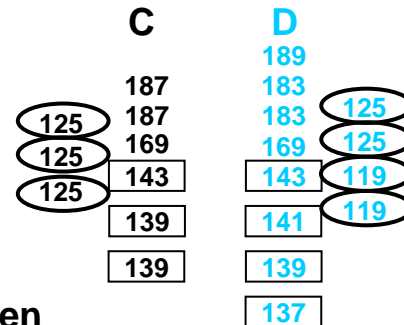
CEPH
Family 1424



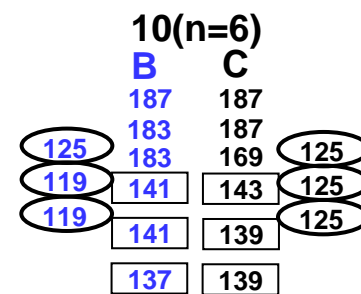
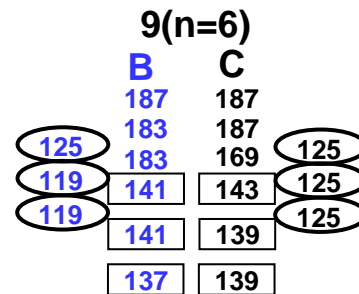
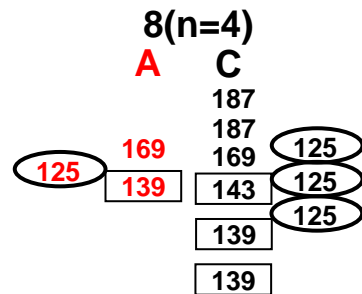
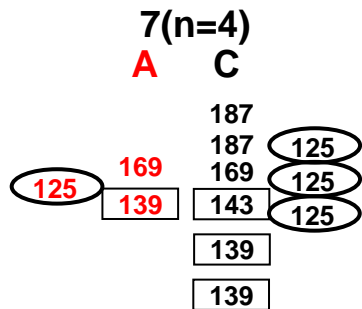
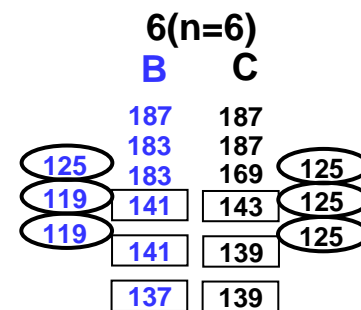
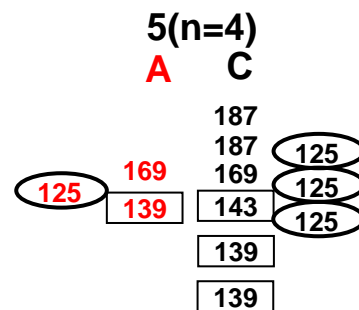
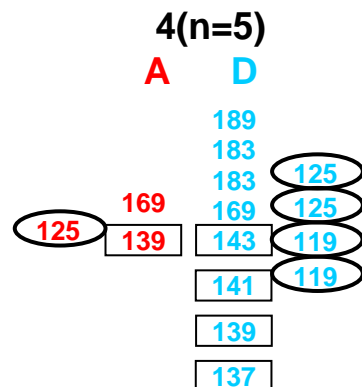
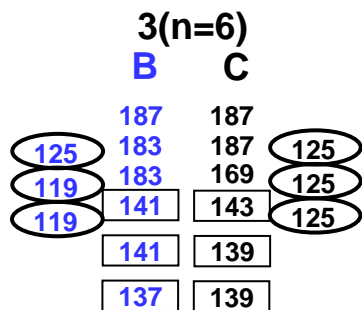
01(Father)
n=4



02(Mother)
n=7



Children



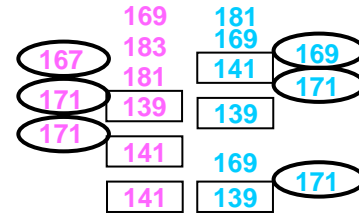
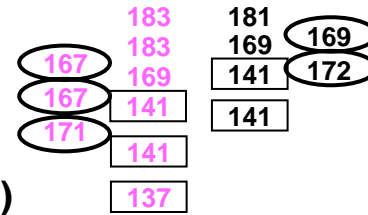
CEPH
Family 13292

12(n=5)

13(n=6)

C

D

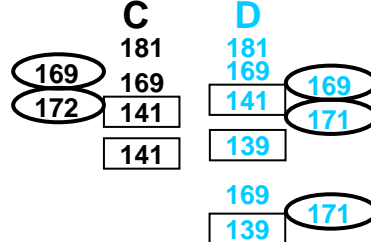
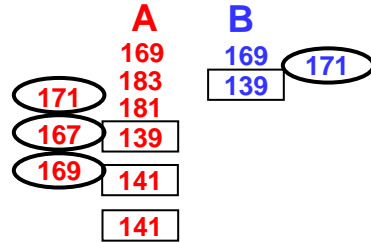


01(Father)

02(Mother)

n=4

n=6



Nature of crossover in child 6, and placement of maternal repeats, ambiguous because of allele sharing between maternal haplotypes

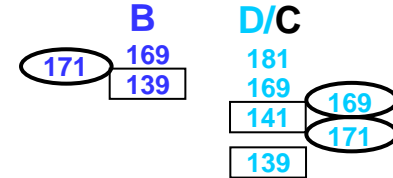
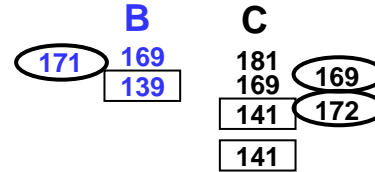
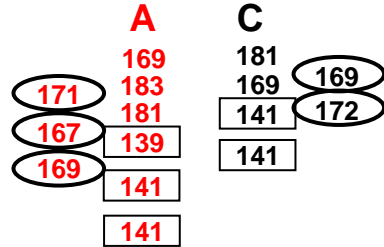
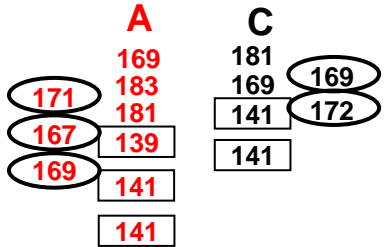
Children

3(n=5)

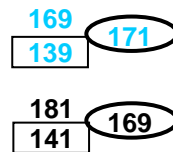
4(n=5)

5(n=3)

6(n=3) R(mat)



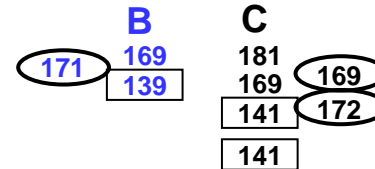
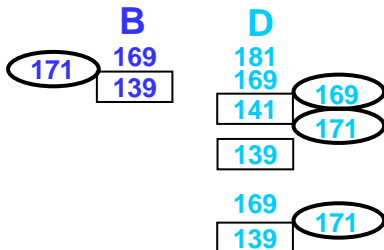
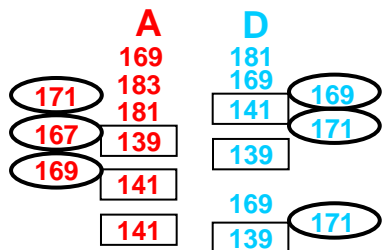
or



7(n=6)

8(n=4)

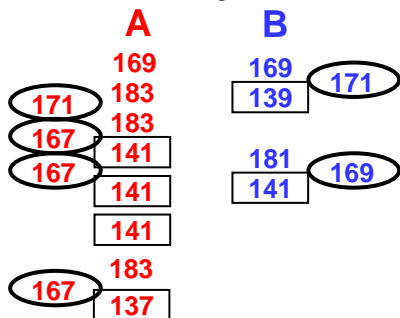
9(n=3)



CEPH Family 13294

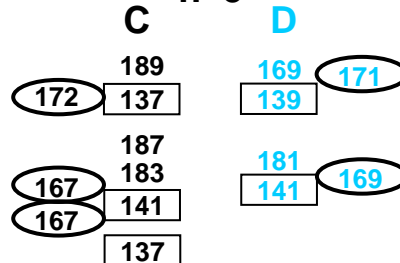
01(Father)

n=6



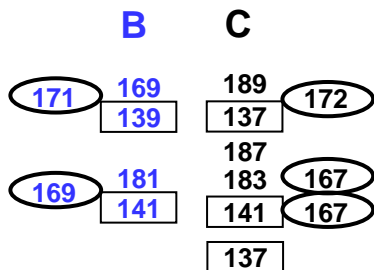
02(Mother)

n=5

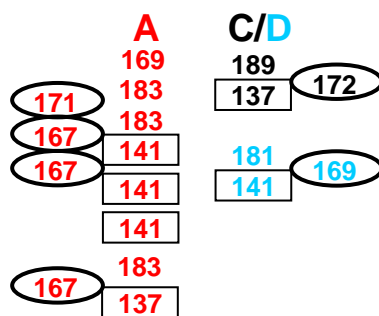


Children

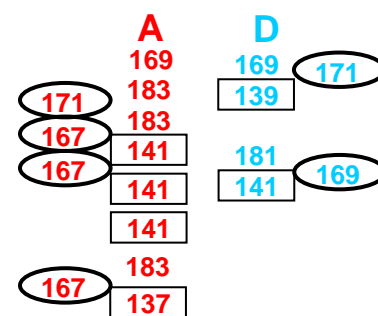
3(n=5)



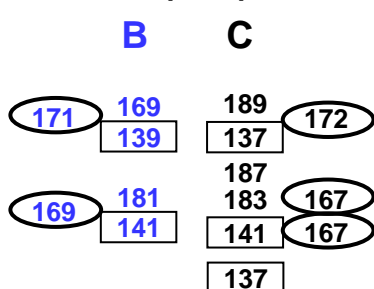
4(n=6) R(mat)



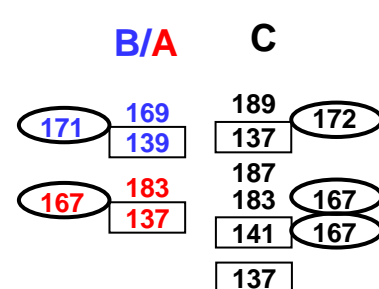
5(n=6)



6(n=5)



7(n=5) R(pat)



8(n=6)

