

Meta-analysis of QTL reveals the genetic control of yield-related traits and seed protein content in pea

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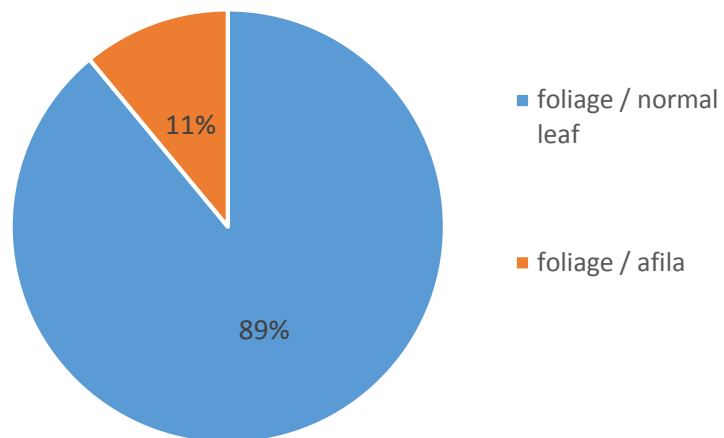
² INRAE, UE 0115 DIJ Domaine Expérimental d'Epoisses. Centre de recherche Bourgogne-Franche-Comté, F-21110 Breteniere, France

*** Correspondence:**

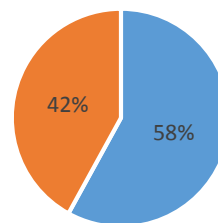
anthony.klein@inrae.fr

Foliage type

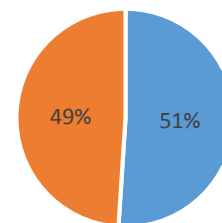
Multiple population - 1213 lines



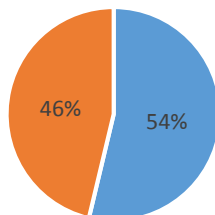
Pop3 VavD265 x Cameor - 176 lines



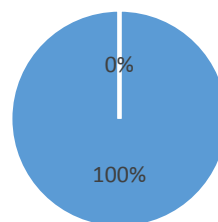
Pop4 Ballet x Cameor - 159 lines



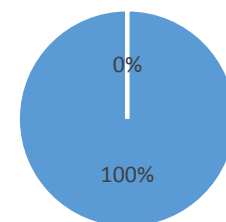
Pop5 VavD265 x Ballet - 168 lines



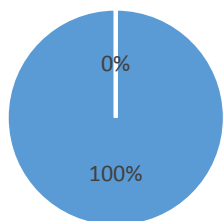
Pop6 Cameor x Melrose - 120 lines



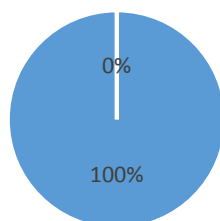
Pop7 Kazar x Cameor - 84 lines



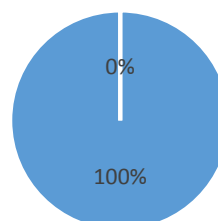
Pop8 Kazar x Melrose - 118 lines



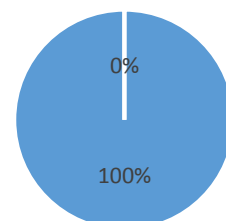
Pop9 China x Cameor - 124 lines



Pop10 Cameor x Sommette - 144 lines

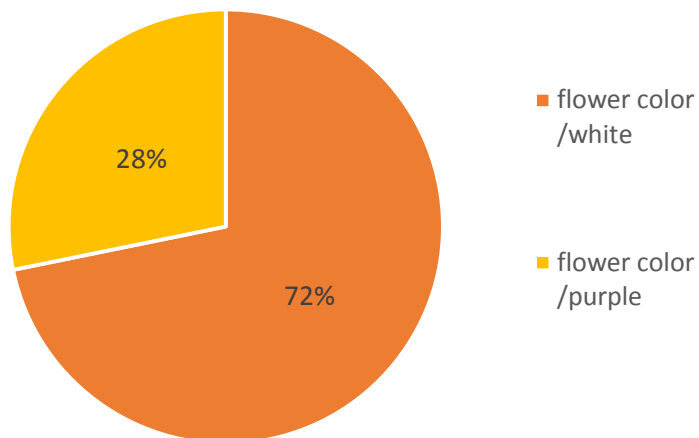


Pop11 Cameor x Cerise - 120 lines

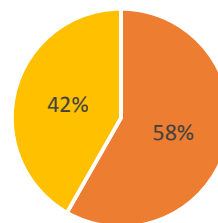


Flower color

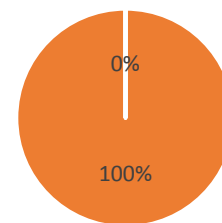
Multiple population - 1213 lines



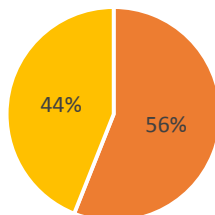
Pop3 VavD265 x Cameor - 176 lines



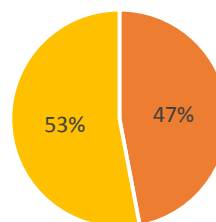
Pop4 Ballet x Cameor - 159 lines



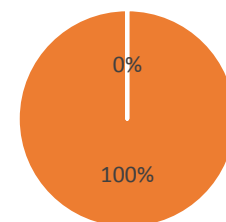
Pop5 VavD265 x Ballet - 168 lines



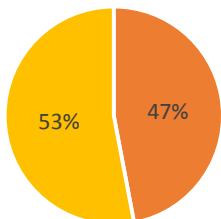
Pop6 Cameor x Melrose - 120 lines



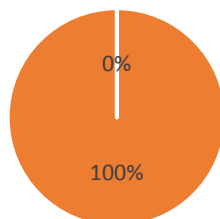
Pop7 Kazar x Cameor - 84 lines



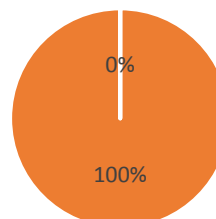
Pop8 Kazar x Melrose - 118 lines



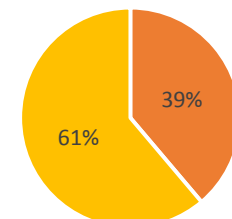
Pop9 China x Cameor - 124 lines



Pop10 Cameor x Sommette - 144 lines

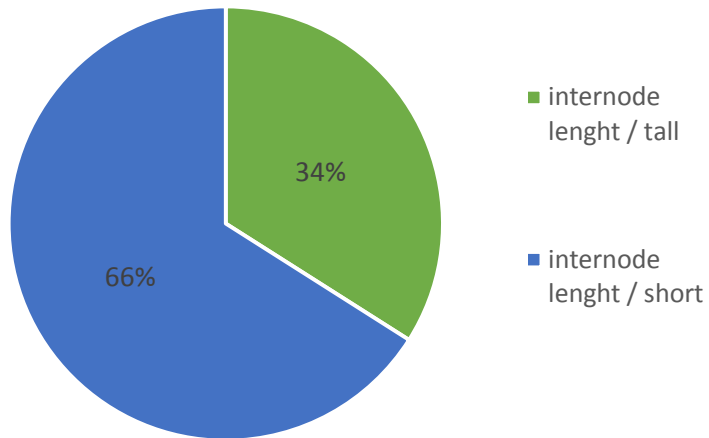


Pop11 Cameor x Cerise - 120 lines

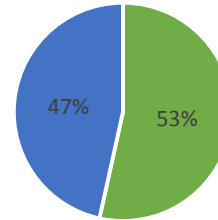


Internode length

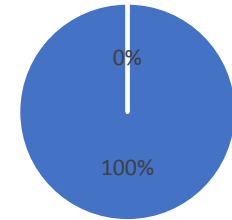
Multiple population - 1213 lines



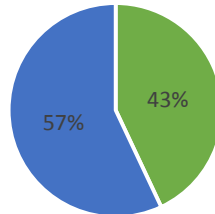
Pop3 VavD265 x Cameor - 176 lines



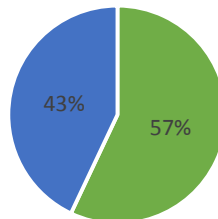
Pop4 Ballet x Cameor - 159 lines



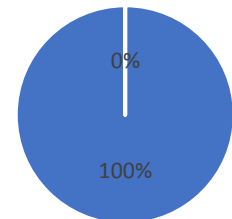
Pop5 VavD265 x Ballet - 168 lines



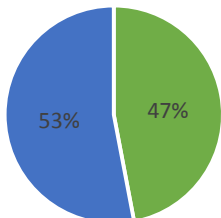
Pop6 Cameor x Melrose - 120 lines



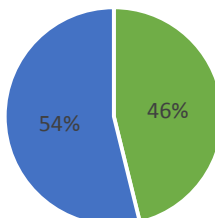
Pop7 Kazar x Cameor - 84 lines



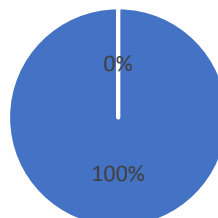
Pop8 Kazar x Melrose - 118 lines



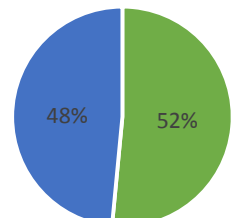
Pop9 China x Cameor - 124 lines



Pop10 Cameor x Sommette - 144 lines

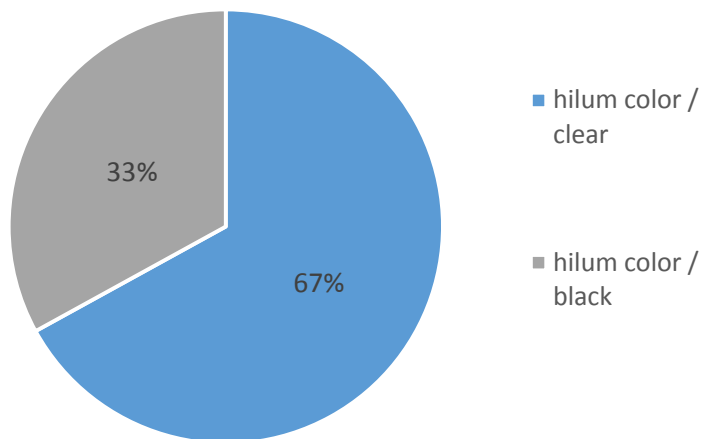


Pop11 Cameor x Cerise - 120 lines

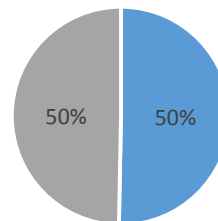


Hilum color

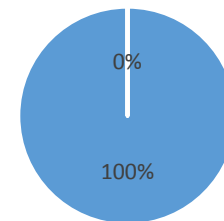
Multiple population - 1213 lines



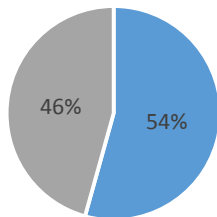
Pop3 VavD265 x Cameor - 176 lines



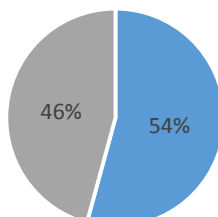
Pop4 Ballet x Cameor - 159 lines



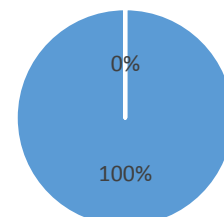
Pop5 VavD265 x Ballet - 168 lines



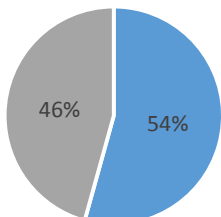
Pop6 Cameor x Melrose - 120 lines



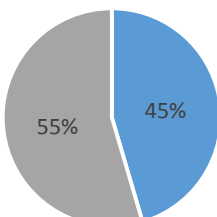
Pop7 Kazar x Cameor - 84 lines



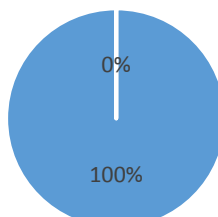
Pop8 Kazar x Melrose - 118 lines



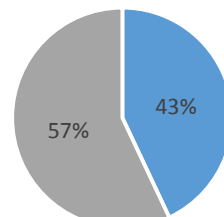
Pop9 China x Cameor - 124 lines



Pop10 Cameor x Sommette - 144 lines

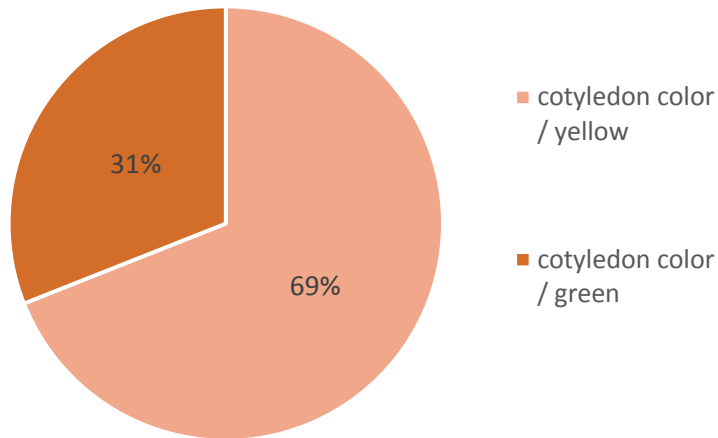


Pop11 Cameor x Cerise - 120 lines

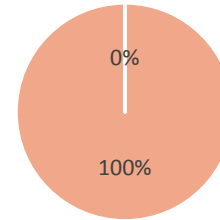


Cotyledon color

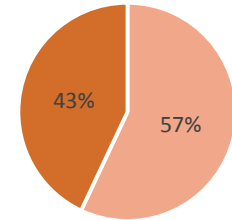
Multiple population - 1213 lines



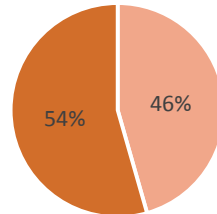
Pop3 VavD265 x Cameor - 176 lines



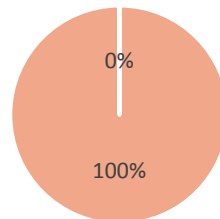
Pop4 Ballet x Cameor - 159 lines



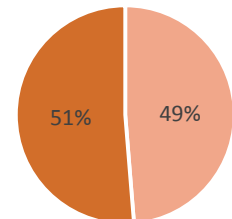
Pop5 VavD265 x Ballet - 168 lines



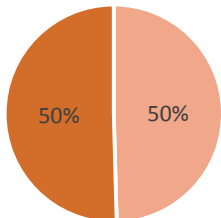
Pop6 Cameor x Melrose - 120 lines



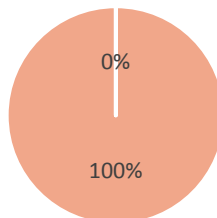
Pop7 Kazar x Cameor - 84 lines



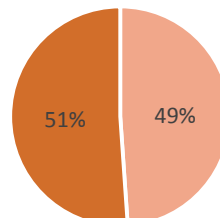
Pop8 Kazar x Melrose - 118 lines



Pop9 China x Cameor - 124 lines

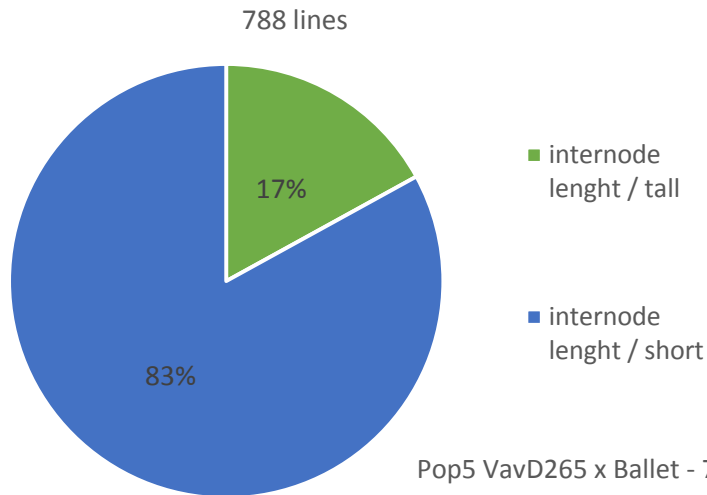


Pop10 Cameor x Sommette - 144 lines

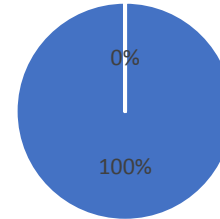


Internode length – multi-population field 2011

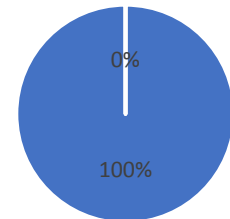
Pop3 – Pop4 – Pop5 – Pop6 – Pop7 – Pop8 – Pop9 – Pop10



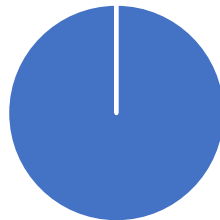
Pop3 VavD265 x Cameor - 84 lines



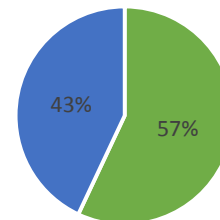
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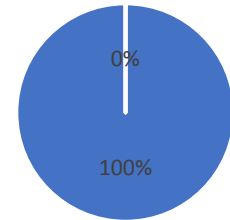
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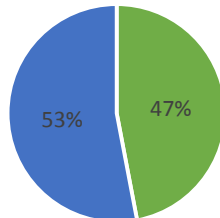
Pop6 Cameor x Melrose - 182 lines



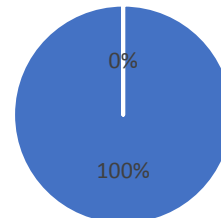
Pop7 Kazar x Cameor - 90 lines



Pop8 Kazar x Melrose - 142 lines



Pop9 China x Cameor - 61 lines



Pop10 Cameor x Sommette - 85 lines

