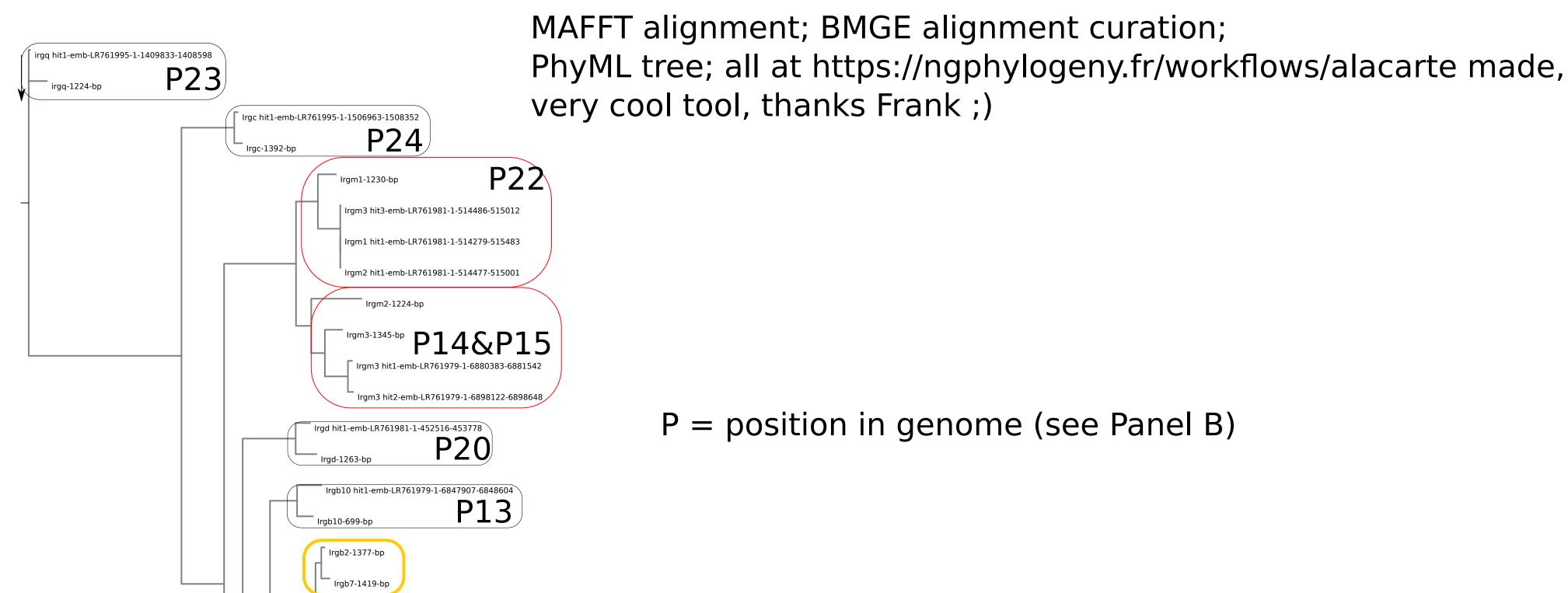
## C Phylogeny of all hits of blastn IRG mmus vs. mgl genome



| Irgb7 hit1-emb-LR761981-1-399804-399157

Irgb9 hit1-emb-LR761981-1-399885-399157

Irgb6 hit2-emb-LR761981-1-429714-428473

Irgb6 hit1-emb-LR761981-1-388299-38954

Irgb2 hit2-emb-LR761981-1-388405-38899

Irgb1 hit1-emb-LR761981-1-388326-38949

rgb5 hit2-emb-LR761981-1-388330-389106

rgb6 hit3-emb-LR761981-1-405952-40473

gb2 hit3-emb-LR761981-1-405847-405260

rgb4 hit1-emb-LR761981-1-405922-404711

Irga5 hit1-emb-LR761921-1-21849196-21849732

Irga1 hit1-emb-LR761921-1-21849150-21850012

lrga1 hit2-emb-LR761921-1-22081611-22082248

Irga3 hit1-emb-LR761921-1-22169155-22167959

Irga4 hit4-emb-LR761921-1-22169156-221679

Irga4 hit5-emb-LR761921-1-21937036-21935793

Irga4 hit2-emb-LR761921-1-22018873-22020117

Irga3 hit3-emb-LR761921-1-22018870-22020089

Irga7 hit1-emb-LR761921-1-22018870-22020117

Irga4 hit3-emb-LR761921-1-21880824-21882081

Irga3 hit4-emb-LR761921-1-21880821-21882039

Irga8 hit4-emb-LR761921-1-21880821-218820

Irga7 hit5-emb-LR761921-1-21880821-2188208

Irga4 hit1-emb-LR761921-1-21910814-21912058

Irga3 hit2-emb-LR761921-1-21910811-2191202

Irga7 hit2-emb-LR761921-1-21910811-2191205

Irga8 hit7-emb-LR761921-1-22046955-22048140

Irga4 hit10-emb-LR761921-1-22046954-22048162

Irga7 hit9-emb-LR761921-1-22046958-22048162

Irga4 hit8-emb-LR761921-1-22002673-22003703

Irga8 hit6-emb-LR761921-1-22002670-22003903

Irga7 hit7-emb-LR761921-1-22002670-22003890

Irga7 hit6-emb-LR761921-1-21895337-21896557

Irga8 hit2-emb-LR761921-1-21895337-21896570

Irga4 hit7-emb-LR761921-1-21895340-21896557

Irga7 hit8-emb-LR761921-1-22068268-22069485

Irga3 hit5-emb-LR761921-1-22047087-22048128

Irga7 hit3-emb-LR761921-1-21937036-21935

Irga8 hit5-emb-LR761921-1-22169155-22167952 P12

**P**7

\_\_\_ Irga1-888-bp

Irga4-1253-bp

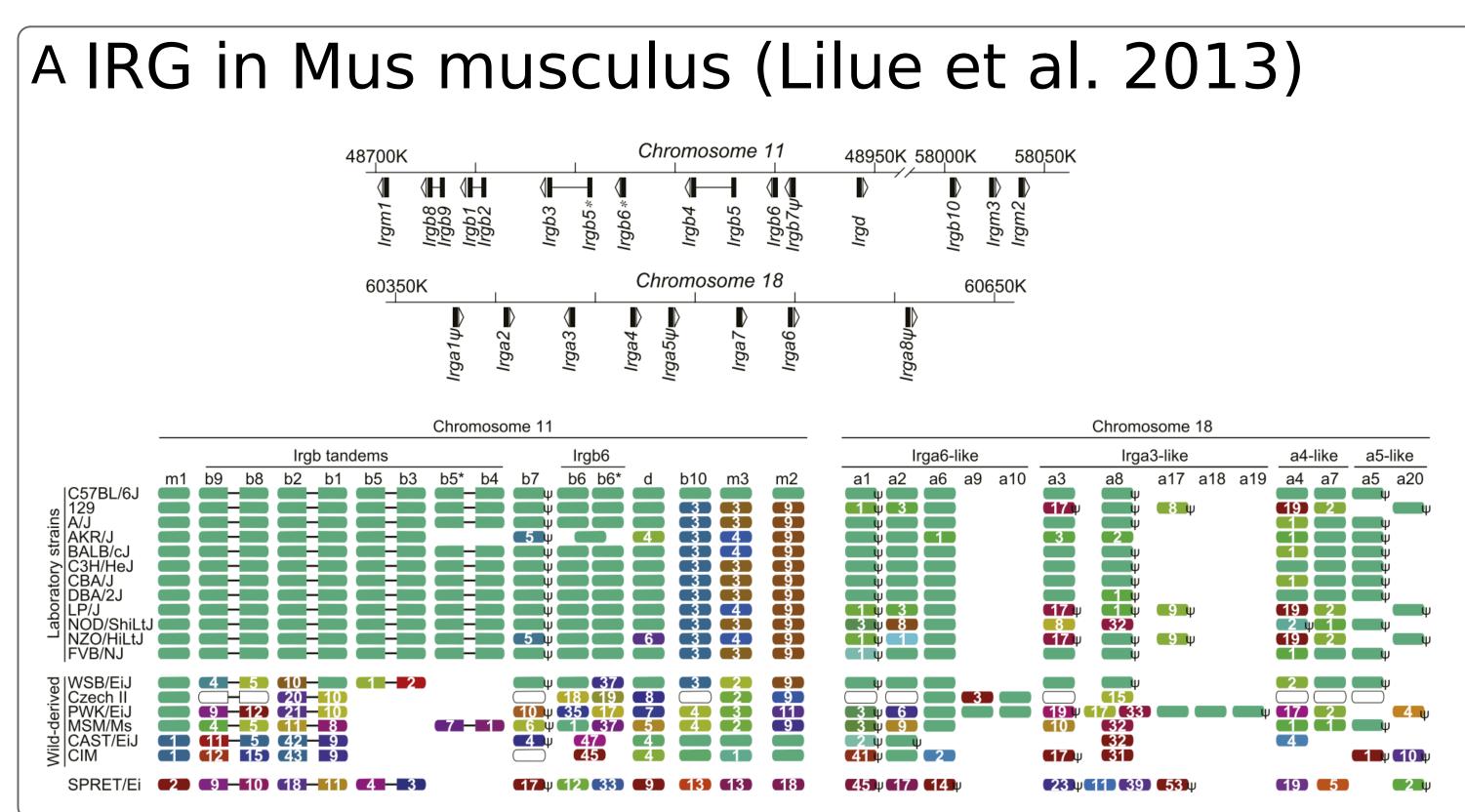
P16

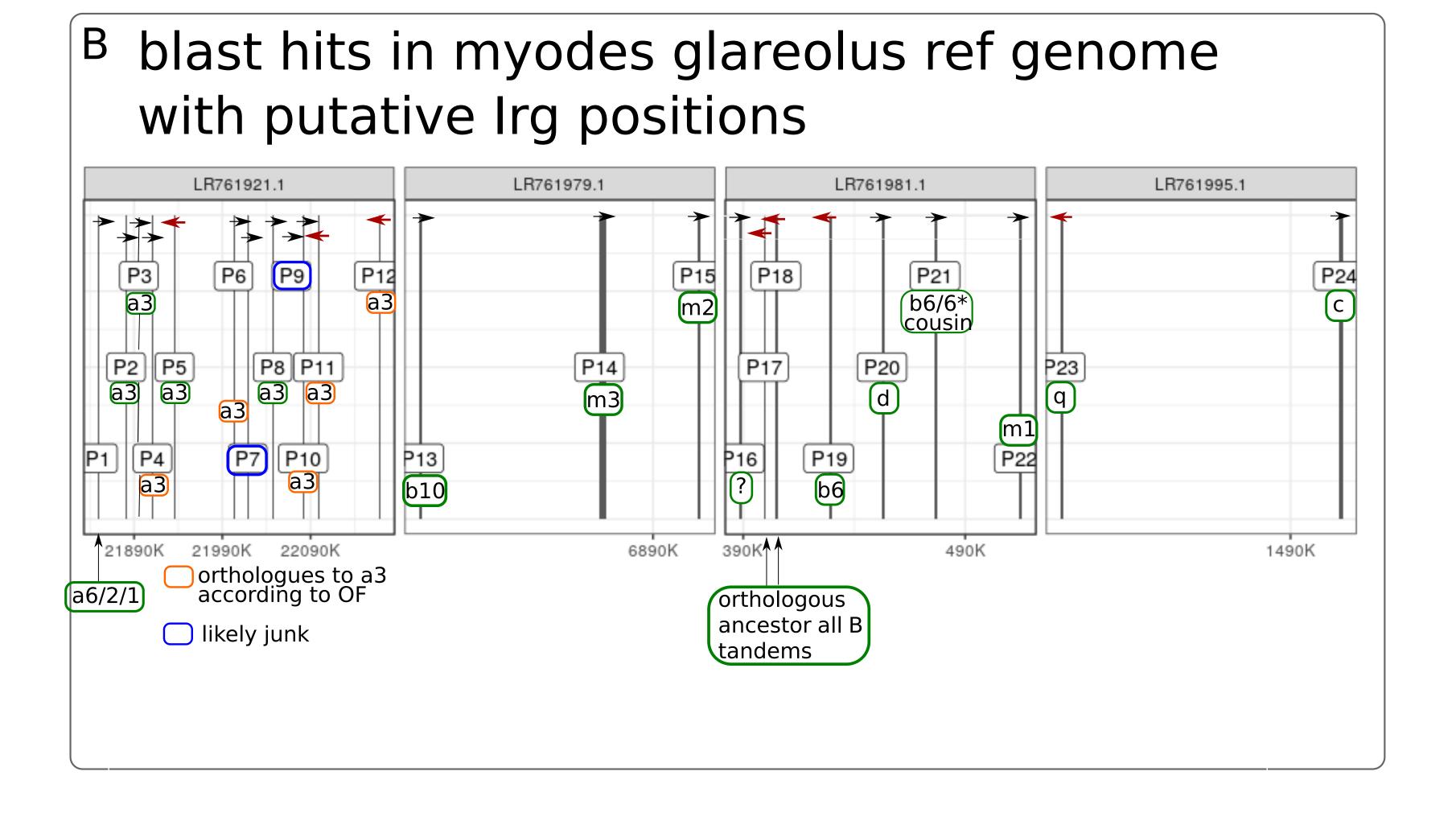
rgb9-1404-bp

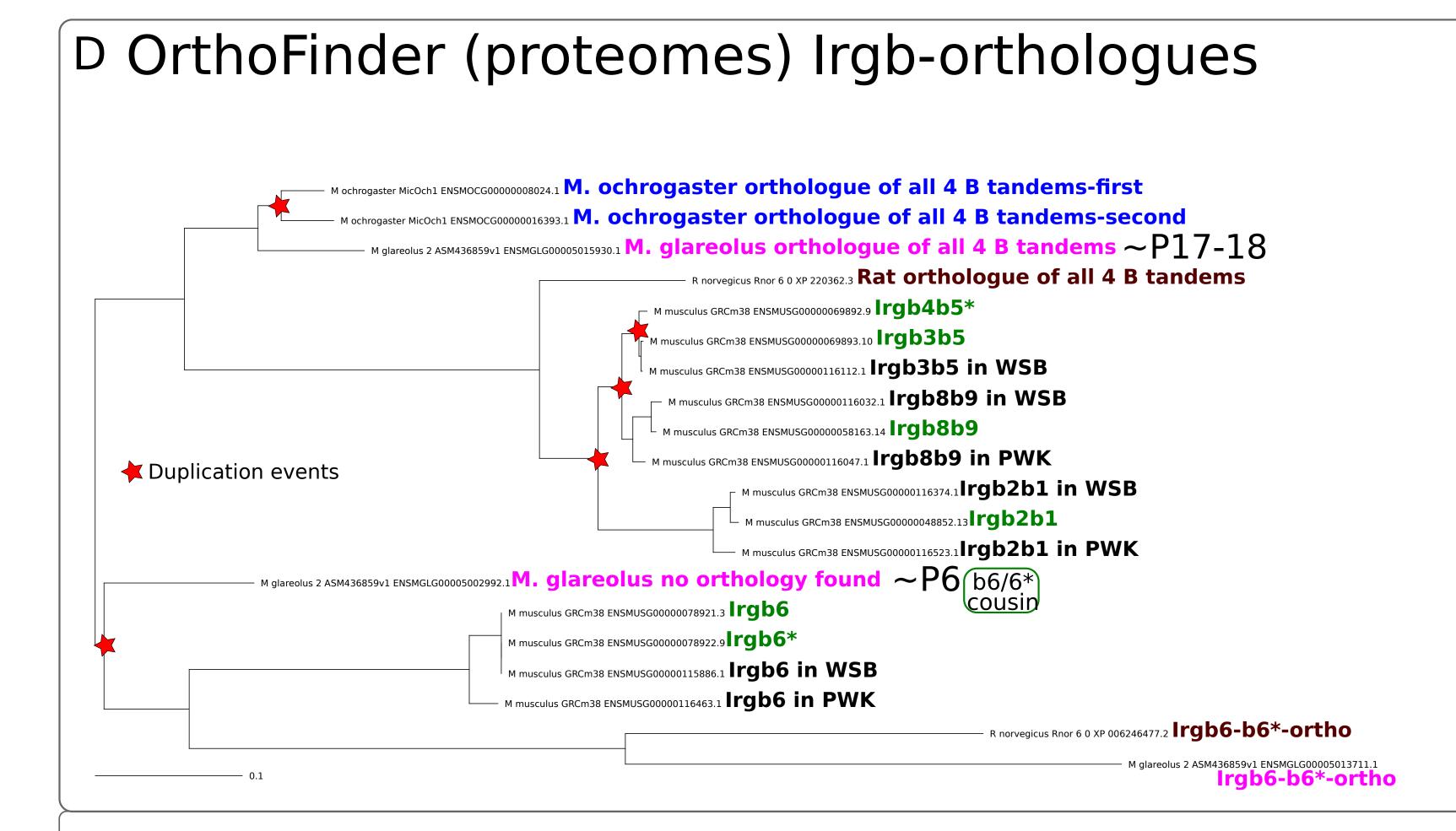
Irgb4-1326-bp

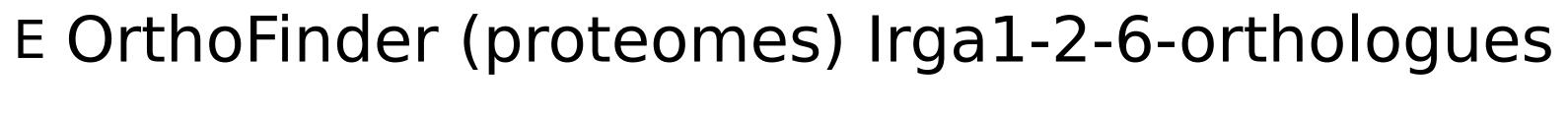
Irgb1-1326-bp

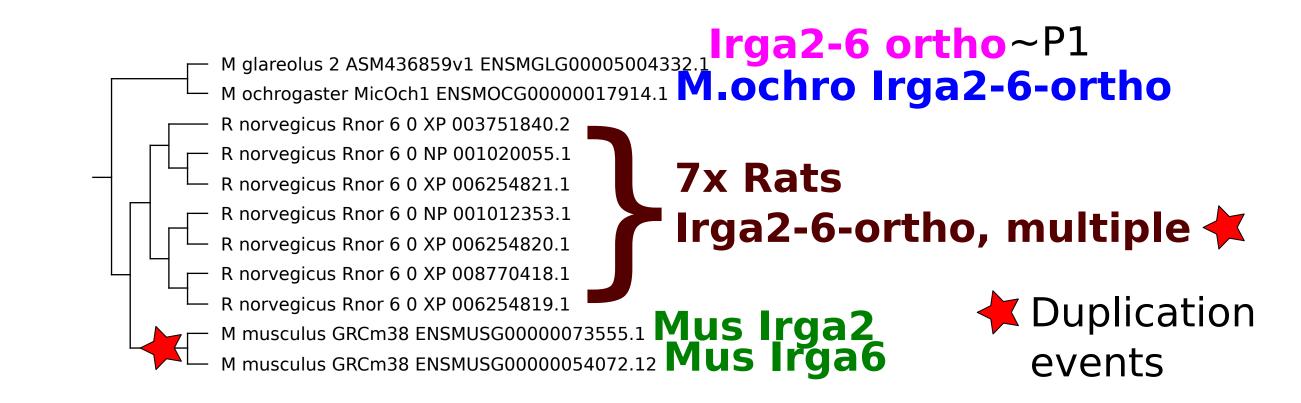
rgb8-1263-bp











## F OrthoFinder (proteomes) Irga3-orthologues

