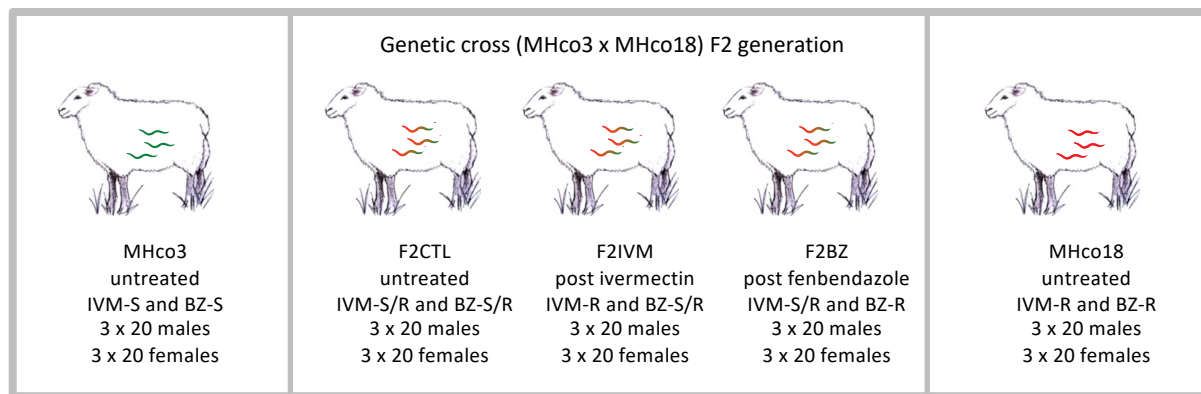


A



B

Pairwise comparison Analysis	MHco18 v MHco3 males	MHco18 v MHco3 females	F2IVM v MHco3 males	F2IVM v MHco3 females	F2IVM v F2CTL males	F2BZ v MHco3 males	F2BZ v MHco3 females	F2BZ v F2CTL males	MHco4 v MHco3 females	MHco10 v MHco3 females
Transcriptomic differences associated with ivermectin resistance	✓	✓	✓	✓	✓	-	-	-	-	-
Differences in gene expression in ivermectin resistant male worms	✓	✗	✓	✗	✓	-	-	-	-	-
Differences in gene expression in ivermectin resistant female worms	✗	✓	✗	✓	✗	-	-	-	✓	✓
Transcriptomic response to ivermectin exposure	✗	✗	✓	✓	✓	-	-	-	-	-
Similarities in gene expression with benzimidazole selected populations	✓	✓	✓	✓	✓	✓	✓	✓	-	-
Transcriptomic differences associated with benzimidazole resistance	✓	✓	-	-	-	✓	✓	✓	-	-