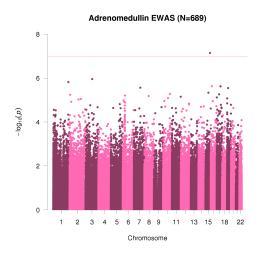
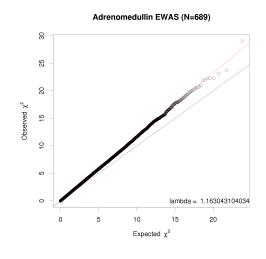
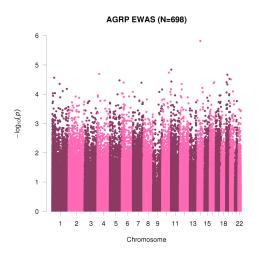
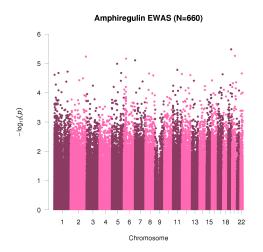
Supplemental Fig S3. Manhattan plots and QQ plots for EWAS results for all analyzed biomarkers.

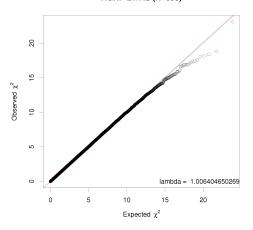




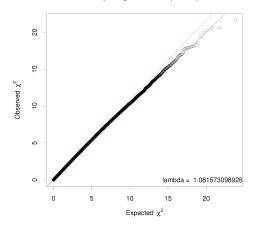


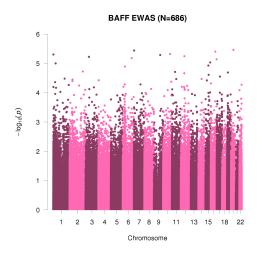


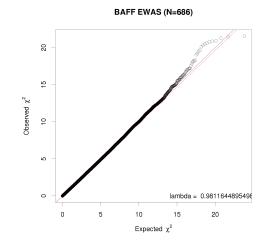
AGRP EWAS (N=698)

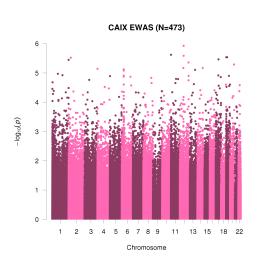


Amphiregulin EWAS (N=660)

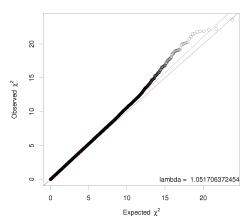


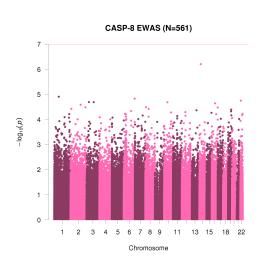


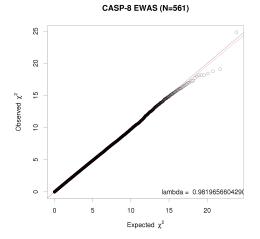


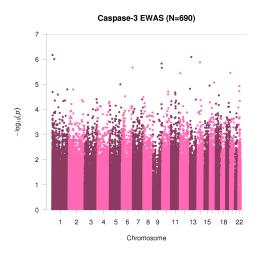


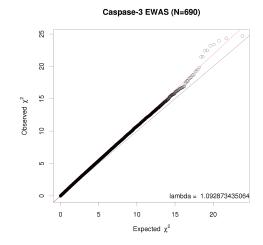
CAIX EWAS (N=473)





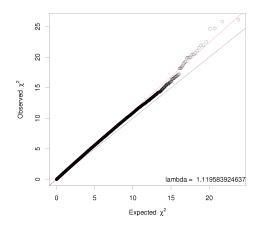


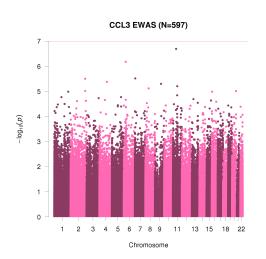


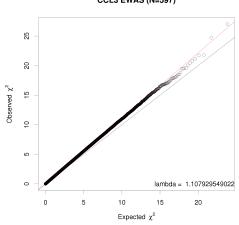


Cathepsin D EWAS (N=688)

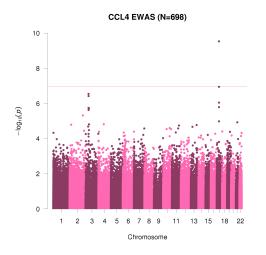
Cathepsin D EWAS (N=688)

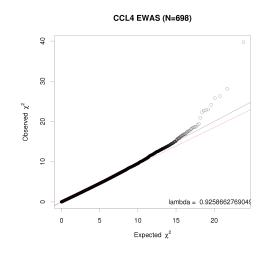


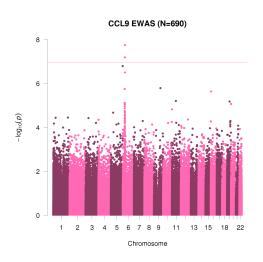




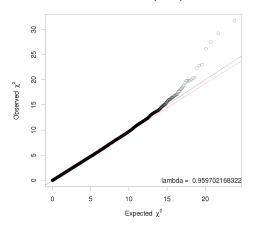


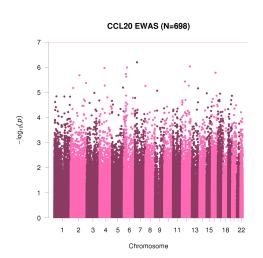


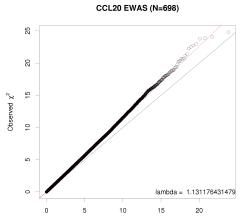


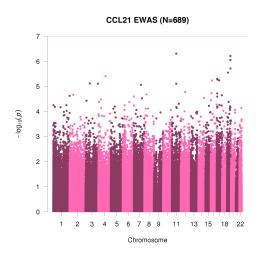


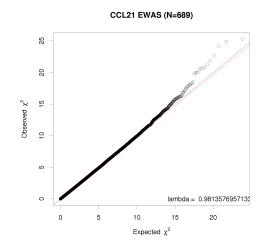
CCL9 EWAS (N=690)







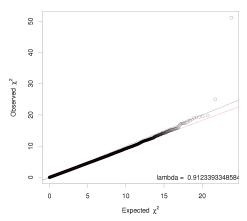


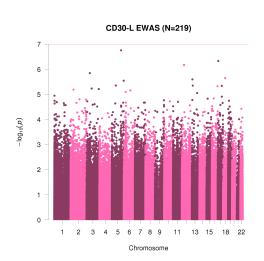


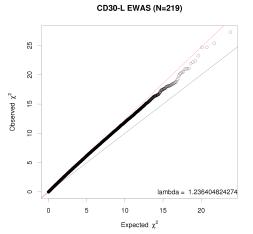
 $\begin{bmatrix} 12 \\ 10 \\ - \\ 8 \\ - \\ 2 \\ - \\ 0 \\ - \\ 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ - \\ 1 \\ 2 \\ - \\ 0 \\ - \\ 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 11 \\ 13 \\ 15 \\ 18 \\ 22 \\ Chromosome$

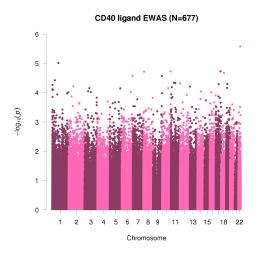
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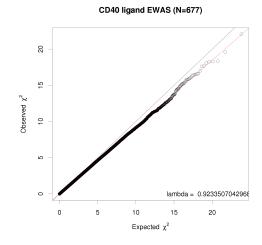


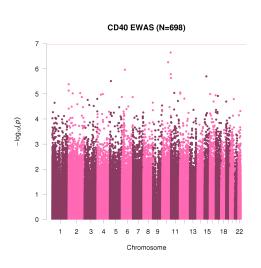




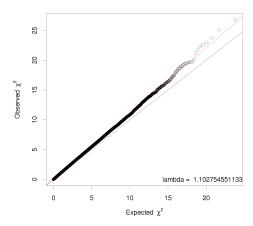


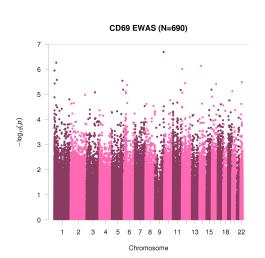


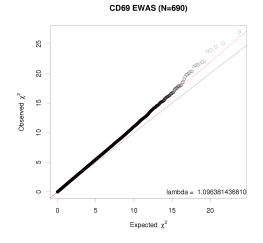


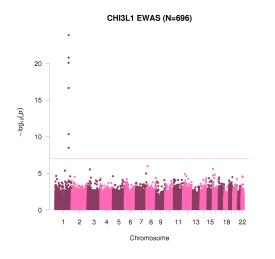


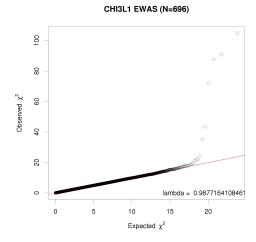
CD40 EWAS (N=698)

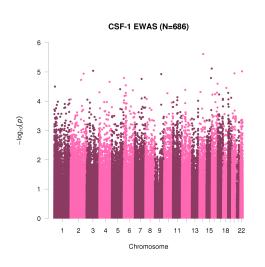




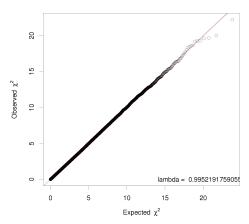


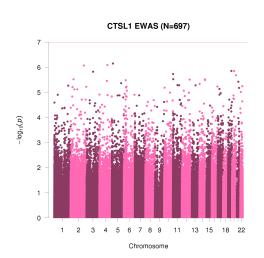


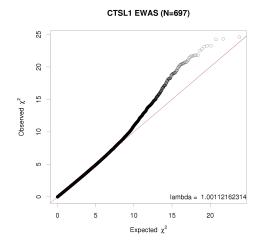




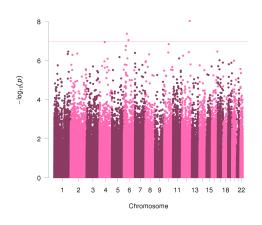
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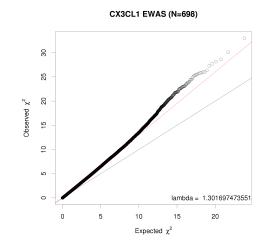


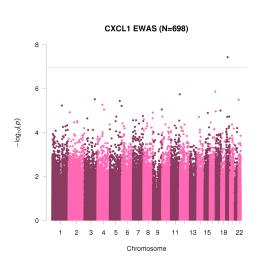




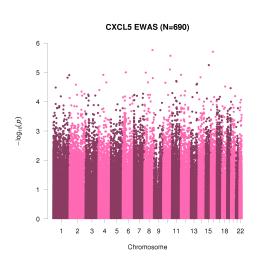
CX3CL1 EWAS (N=698)



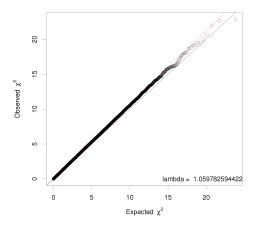


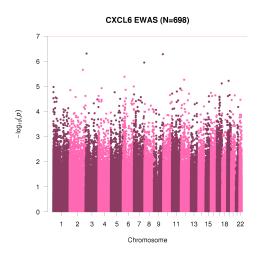


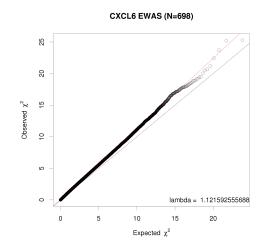
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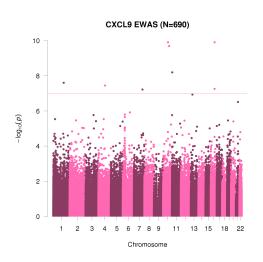




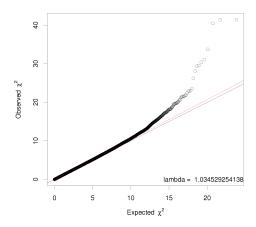


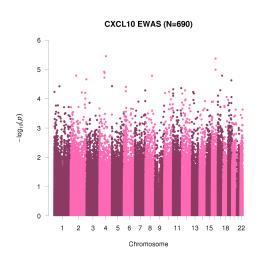




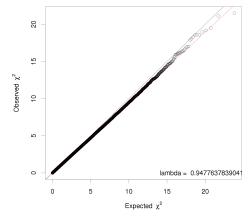




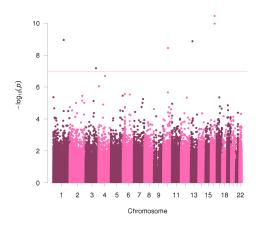


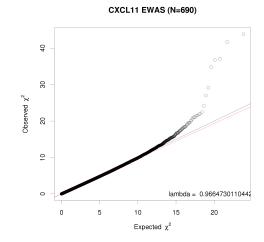


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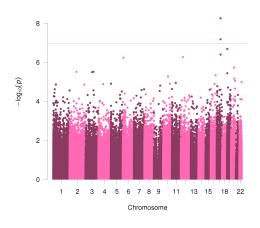


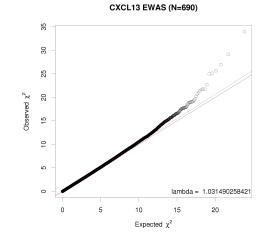
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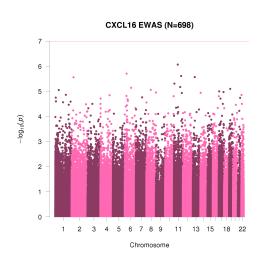


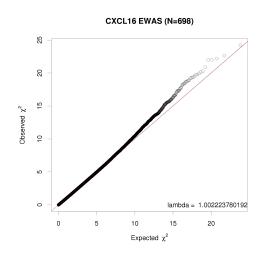


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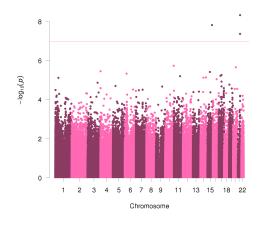


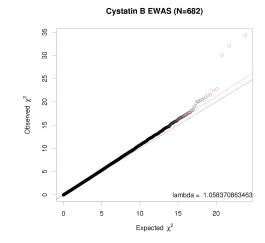


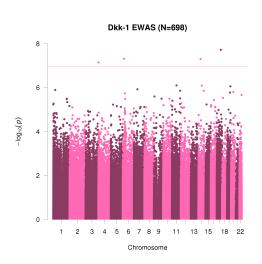




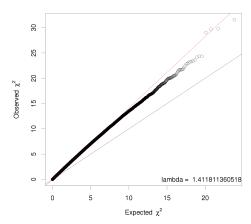
Cystatin B EWAS (N=682)

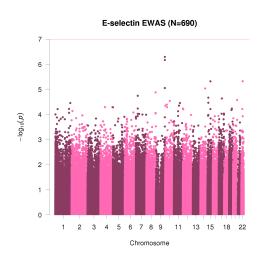


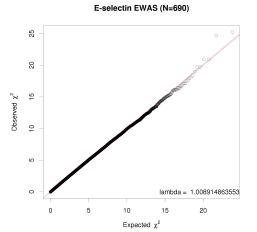




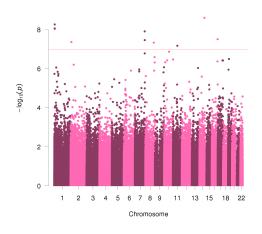
Dkk-1 EWAS (N=698)

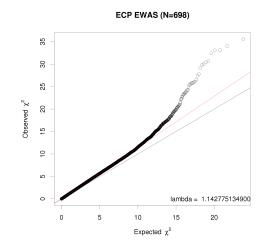


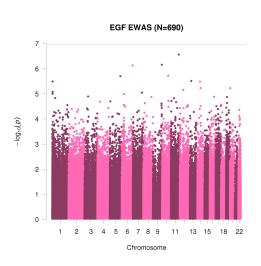


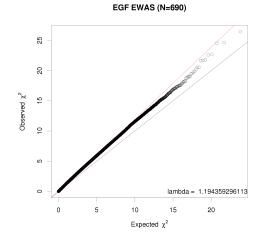


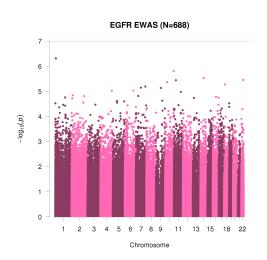
ECP EWAS (N=698)

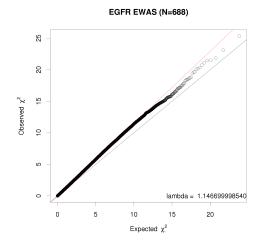


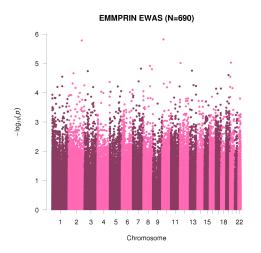


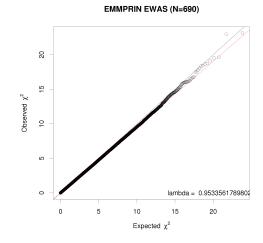


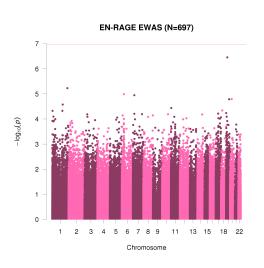




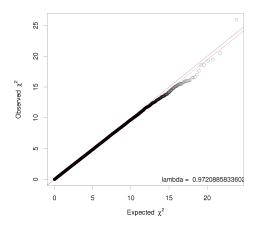


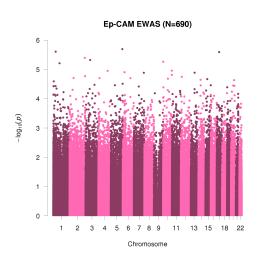


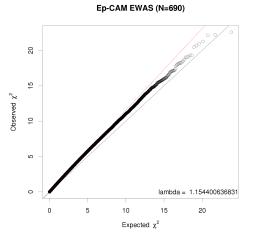


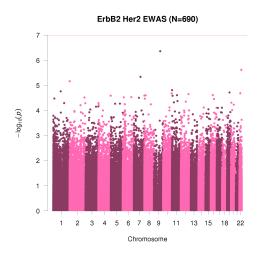


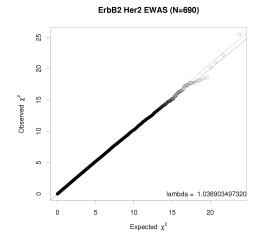
EN-RAGE EWAS (N=697)





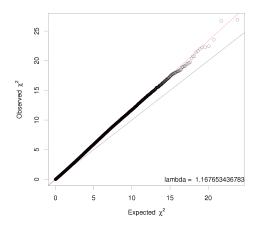


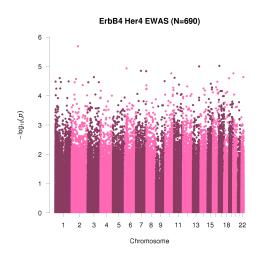




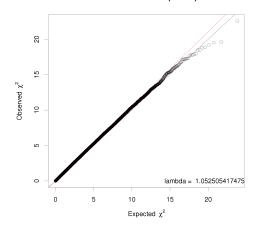
ErbB3 Her3 EWAS (N=690)

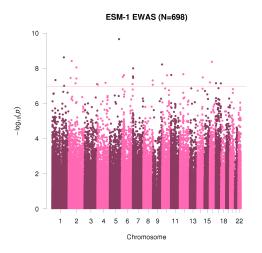
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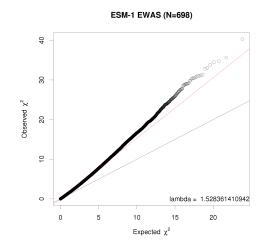


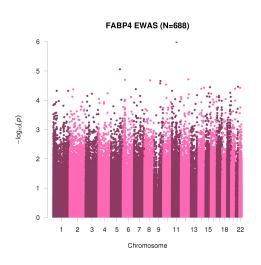


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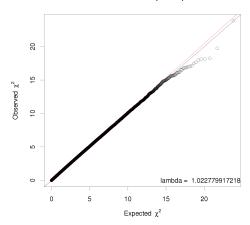


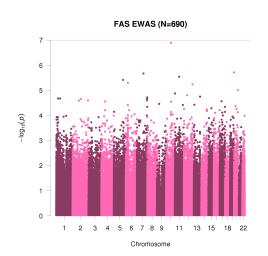


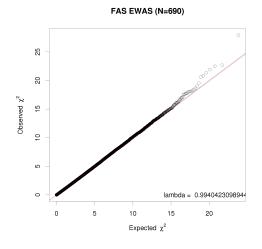


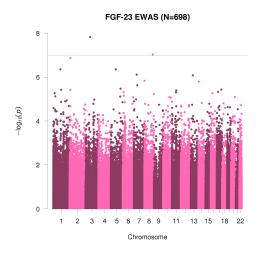


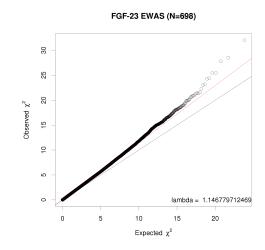


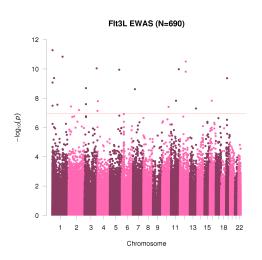




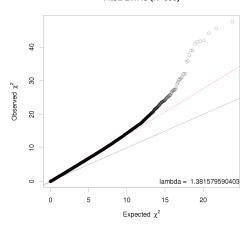


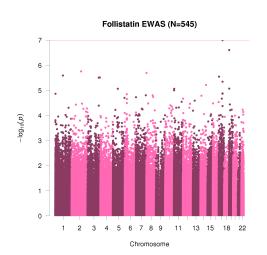




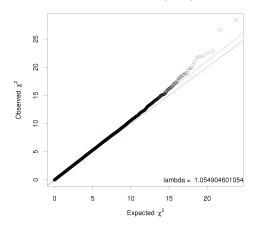


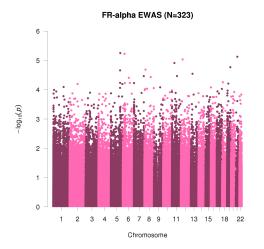
FIt3L EWAS (N=690)

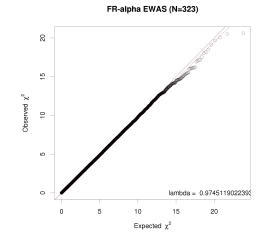


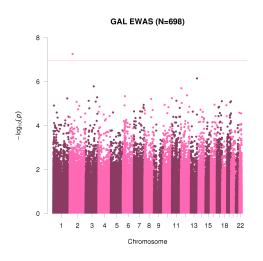


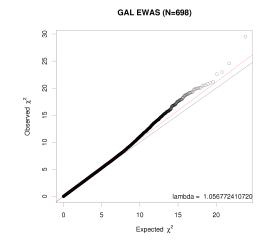
Follistatin EWAS (N=545)

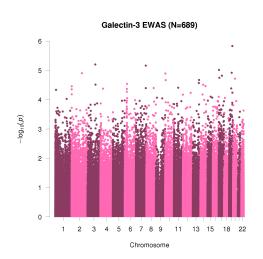


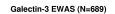


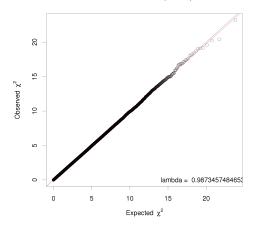


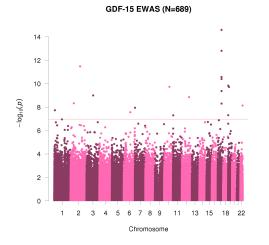


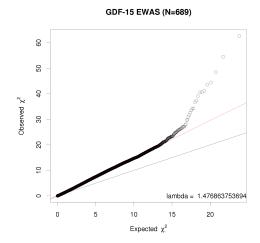


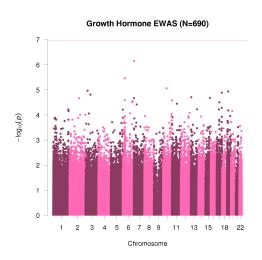




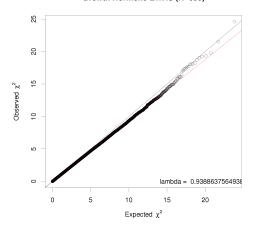


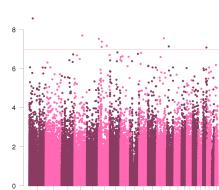






Growth Hormone EWAS (N=690)



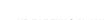


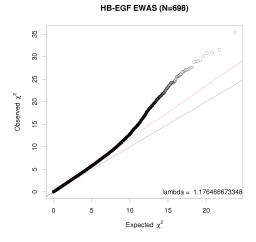
1 2 3 4 5 6 7 8 9 11 13 15 18 22

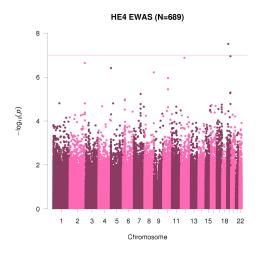
Chromosome

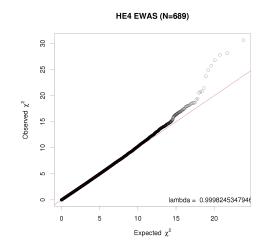
 $-\log_{10}(p)$

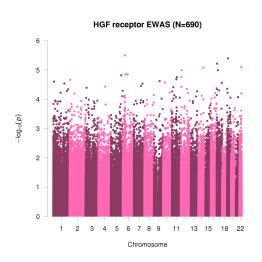
HB-EGF EWAS (N=698)

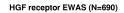


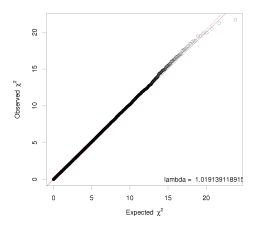


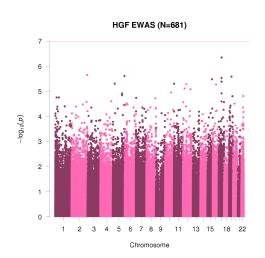


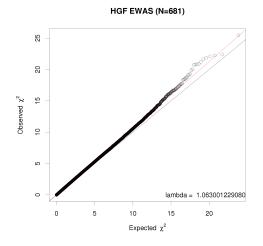


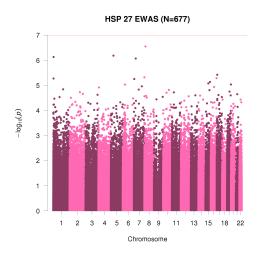


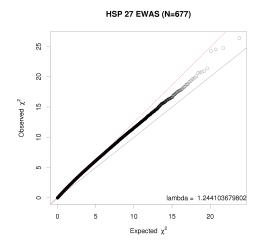


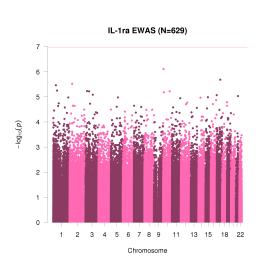


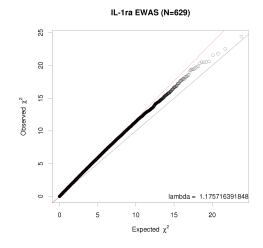


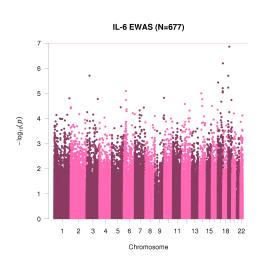


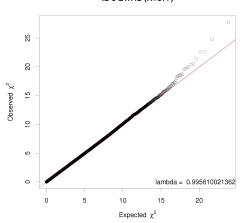




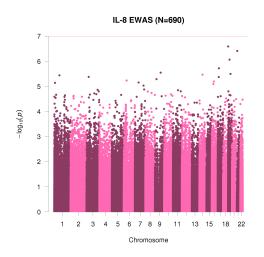


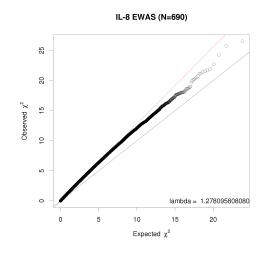


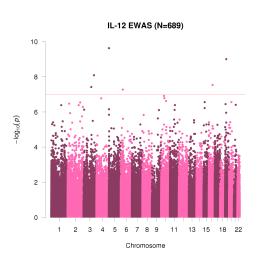


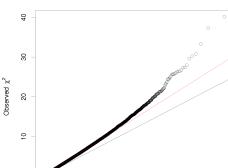




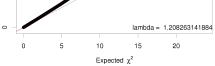


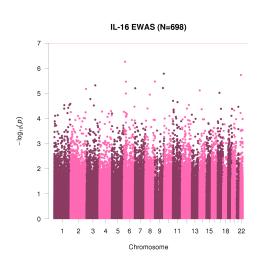


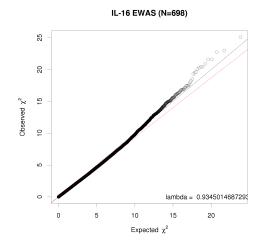




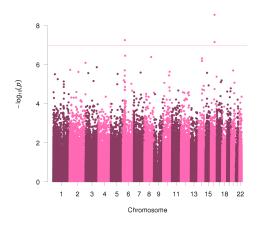
IL-12 EWAS (N=689)

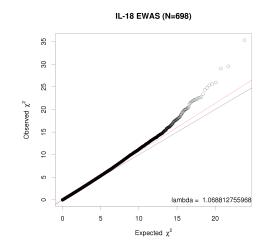


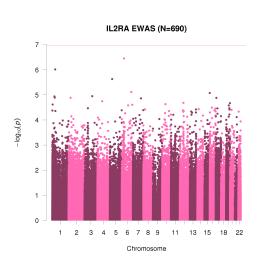




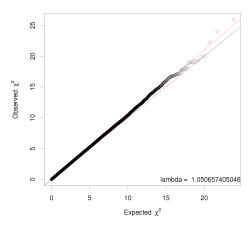
IL-18 EWAS (N=698)

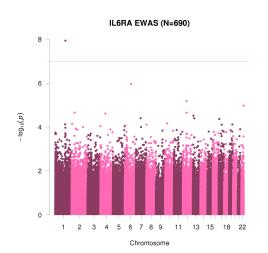




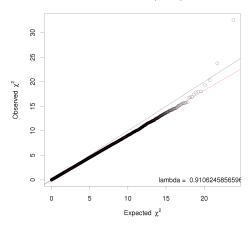


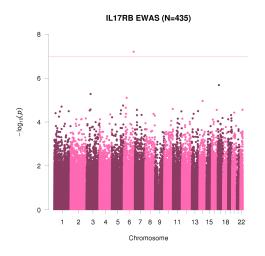
IL2RA EWAS (N=690)

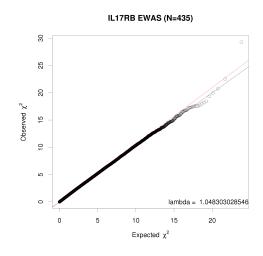




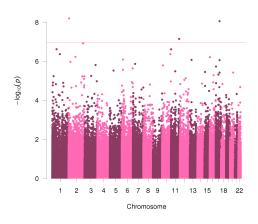


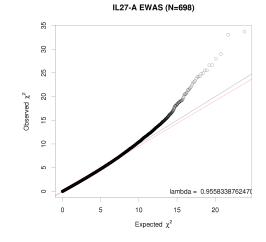


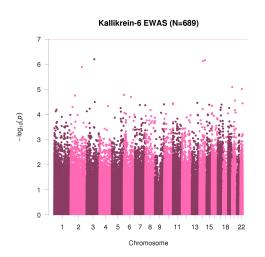




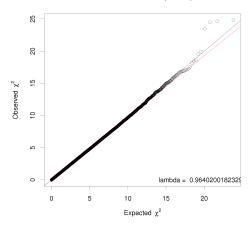
IL27-A EWAS (N=698)

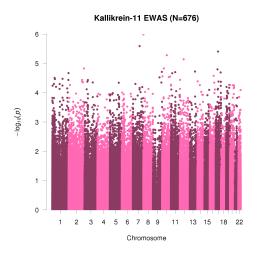


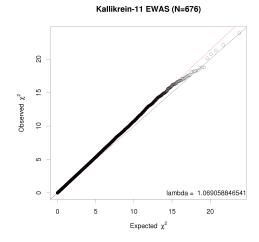


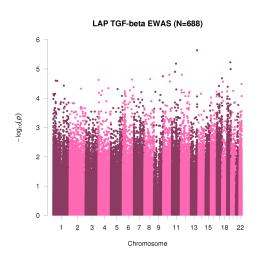


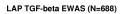


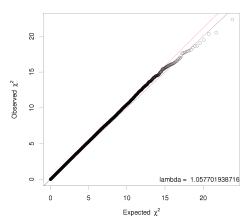


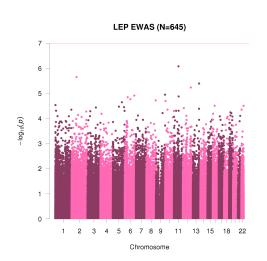


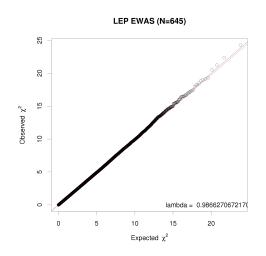


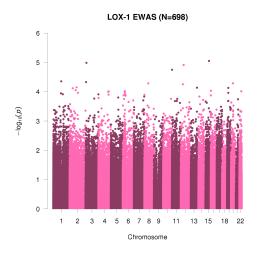


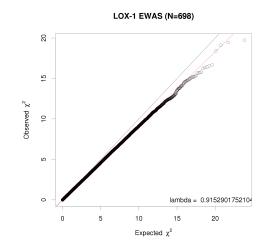


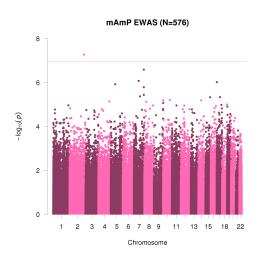


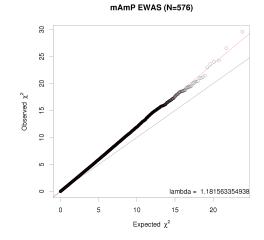


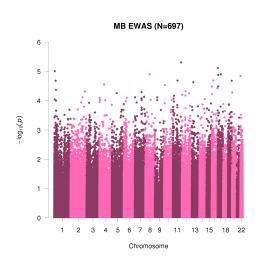


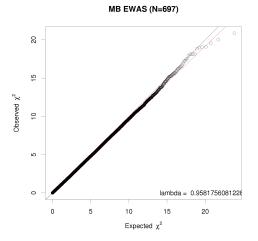


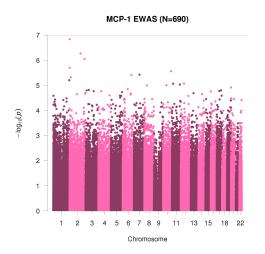


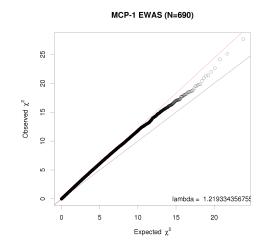


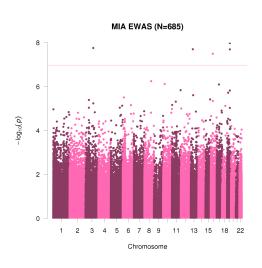




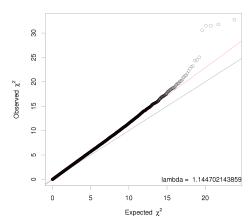


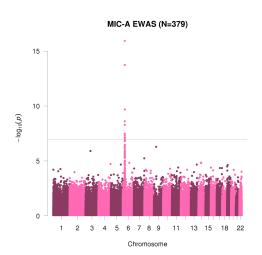


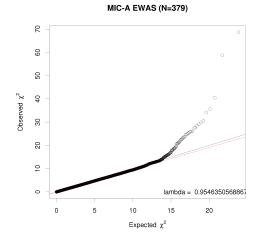


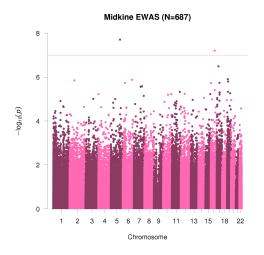


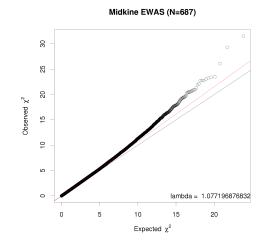
MIA EWAS (N=685)

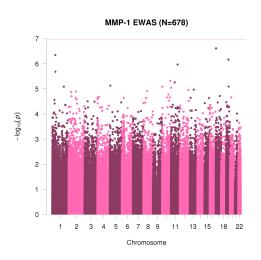




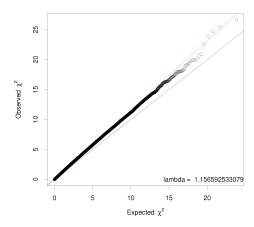


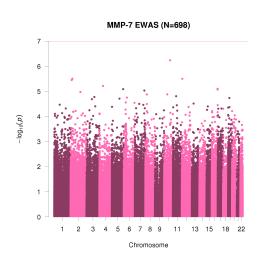


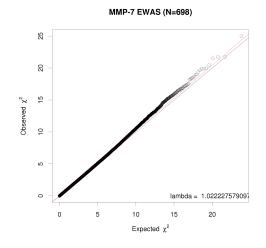


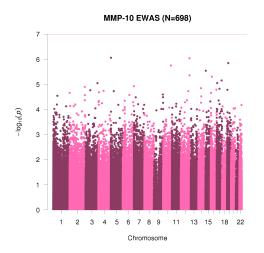


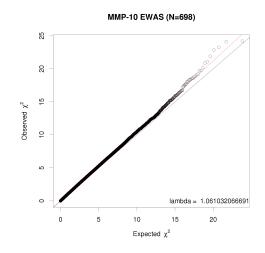
MMP-1 EWAS (N=678)

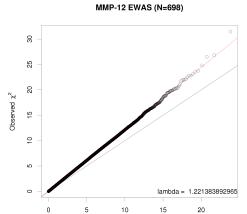


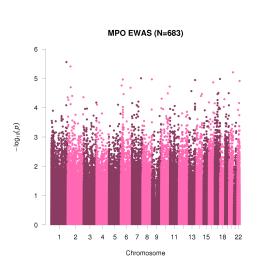




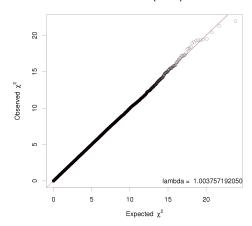


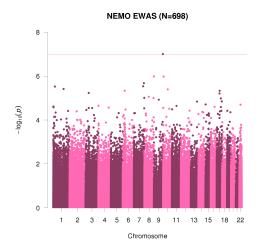


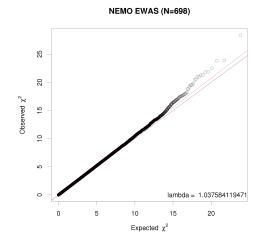






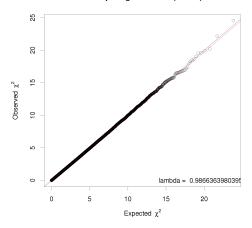


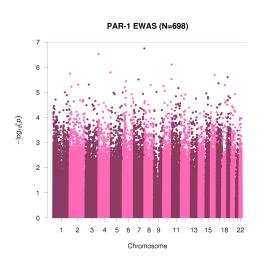




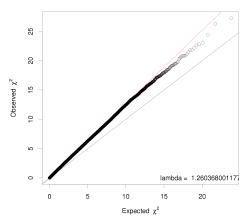
Osteoprotegerin EWAS (N=690)

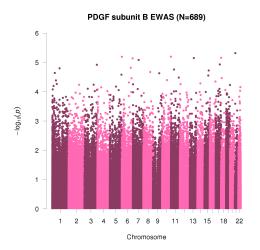
Osteoprotegerin EWAS (N=690)

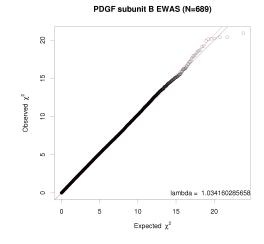




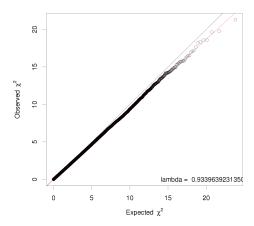


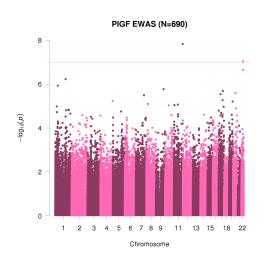




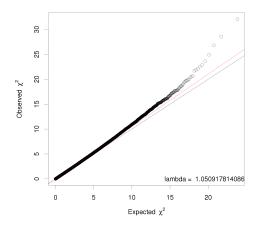


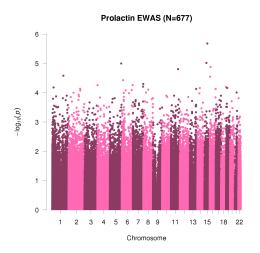
PECAM-1 EWAS (N=688)

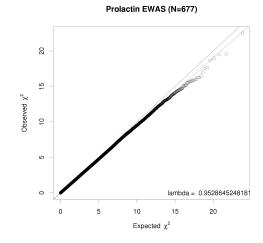


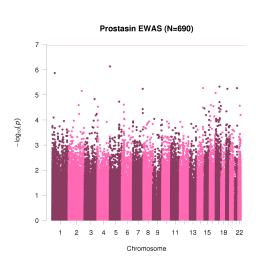


PIGF EWAS (N=690)

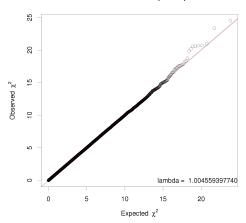


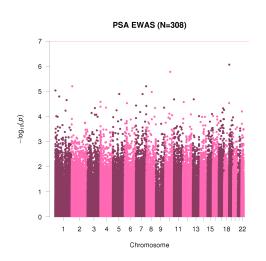


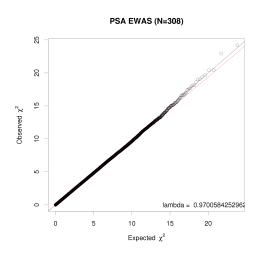


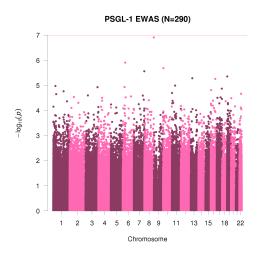


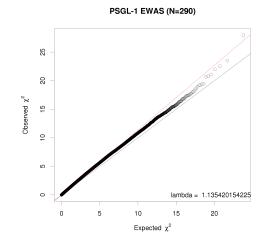
Prostasin EWAS (N=690)

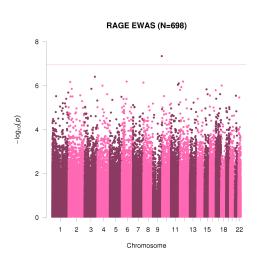




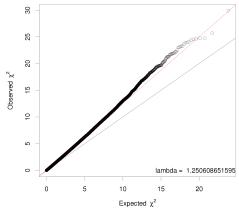


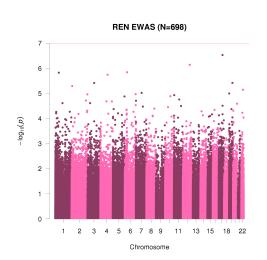


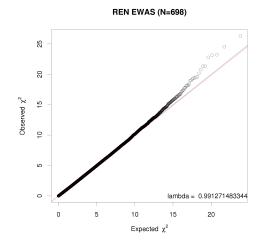




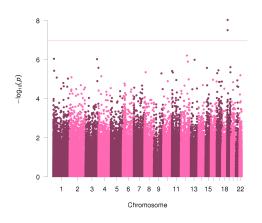


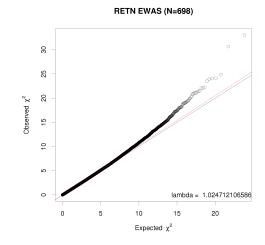


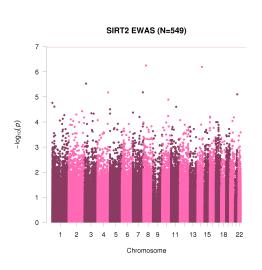




RETN EWAS (N=698)





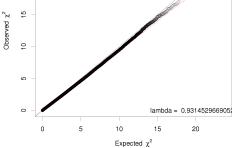


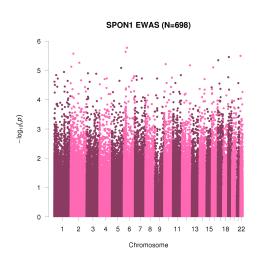


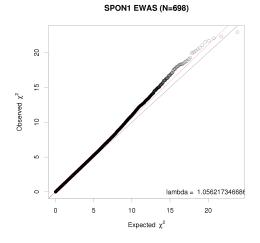
25

20

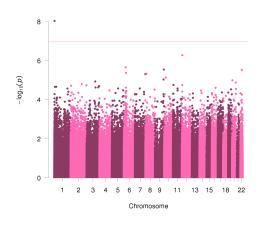
SIRT2 EWAS (N=549)

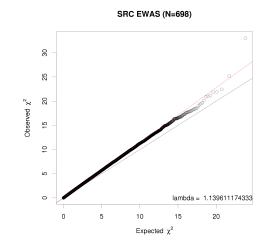




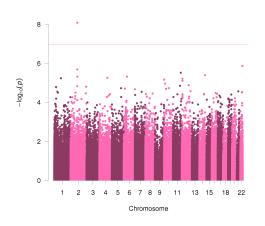


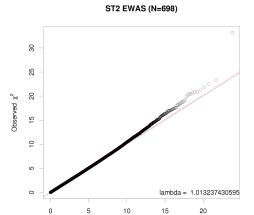
SRC EWAS (N=698)

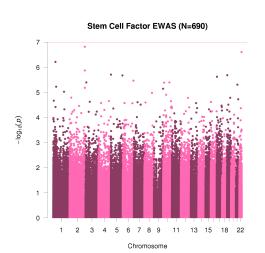




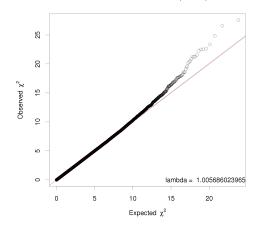
ST2 EWAS (N=698)

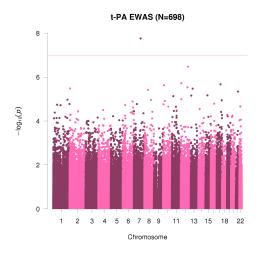


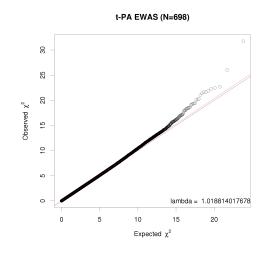




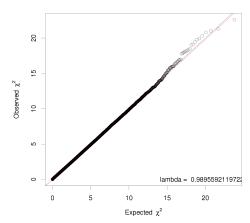
Stem Cell Factor EWAS (N=690)

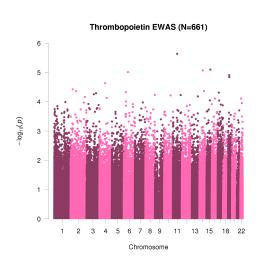




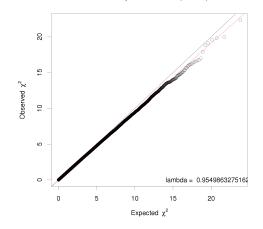


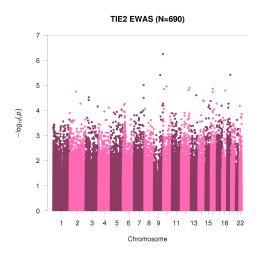


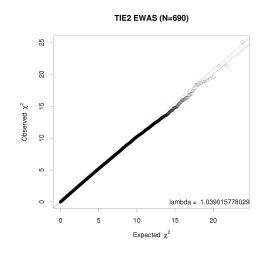




Thrombopoietin EWAS (N=661)

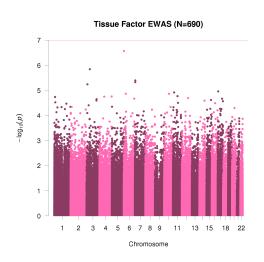




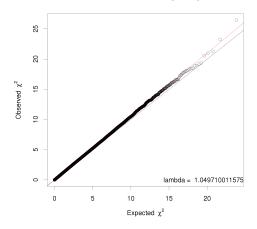


TIM EWAS (N=695)

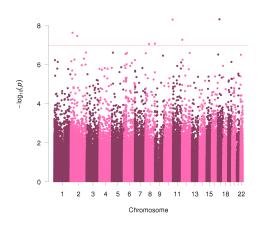
TIM EWAS (N=695)

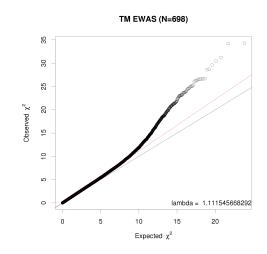


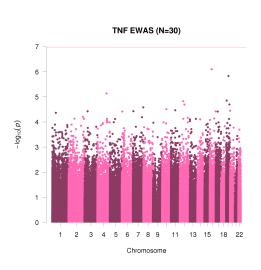
Tissue Factor EWAS (N=690)

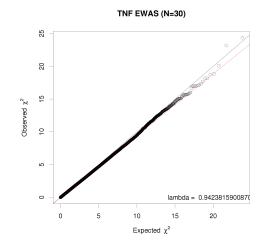


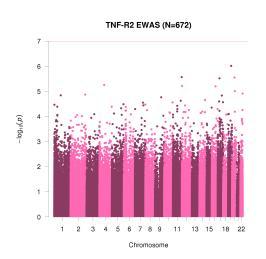
TM EWAS (N=698)



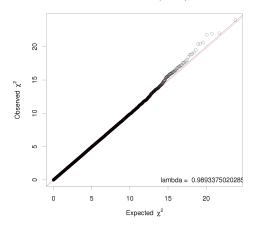


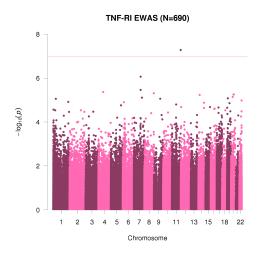


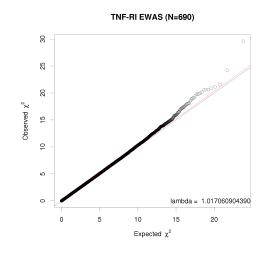


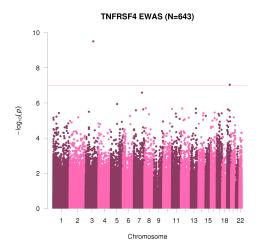




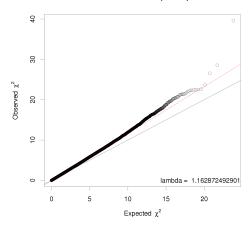


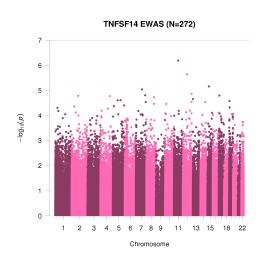


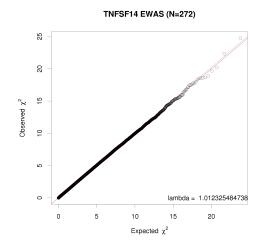


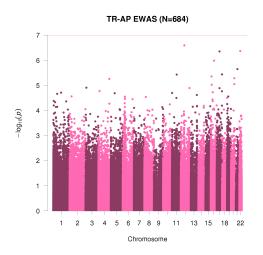


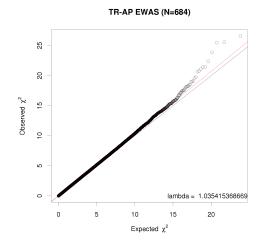
TNFRSF4 EWAS (N=643)

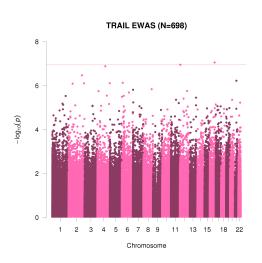




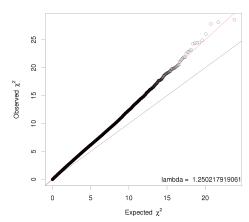


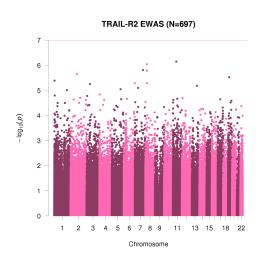


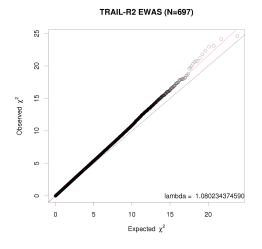


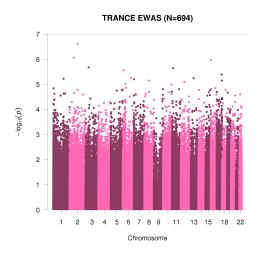


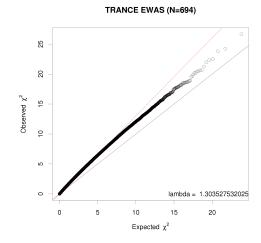


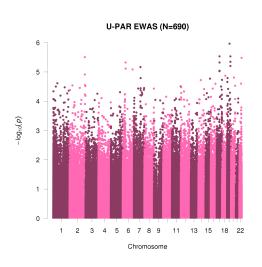




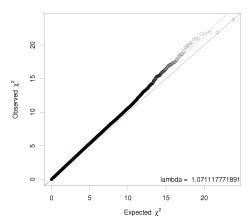


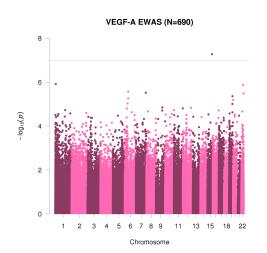




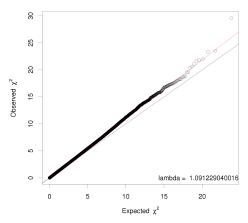


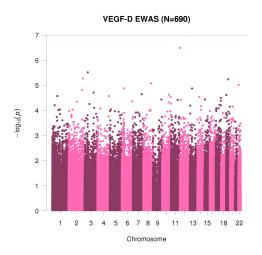
U-PAR EWAS (N=690)

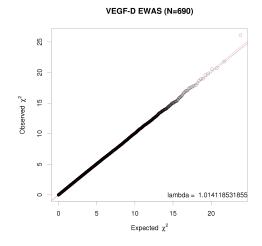


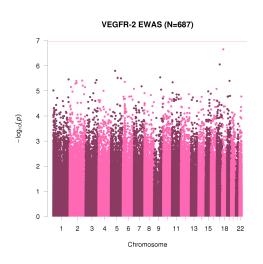


VEGF-A EWAS (N=690)









VEGFR-2 EWAS (N=687)

