

**Supplementary Table 3 Comparison of the different computational methods that have been tested by ranking candidate genes in linkage intervals.**

Method	Fold enrichment on all predictions	Average fold enrichment on successful predictions
Lage et al.	23.1	108.8
Perez-Iratxeta et al. (2005)	19.4	31.2
Freudenberg et al.	13.3	17.0
Aerts et al.	-	15.4
Oti et al	10.0	10.0
van Driel et al.	-	10.0
Adie et al	5.6	6.0
Turner et al.	5.2	27.7
Franke et al.	3.6	15.0