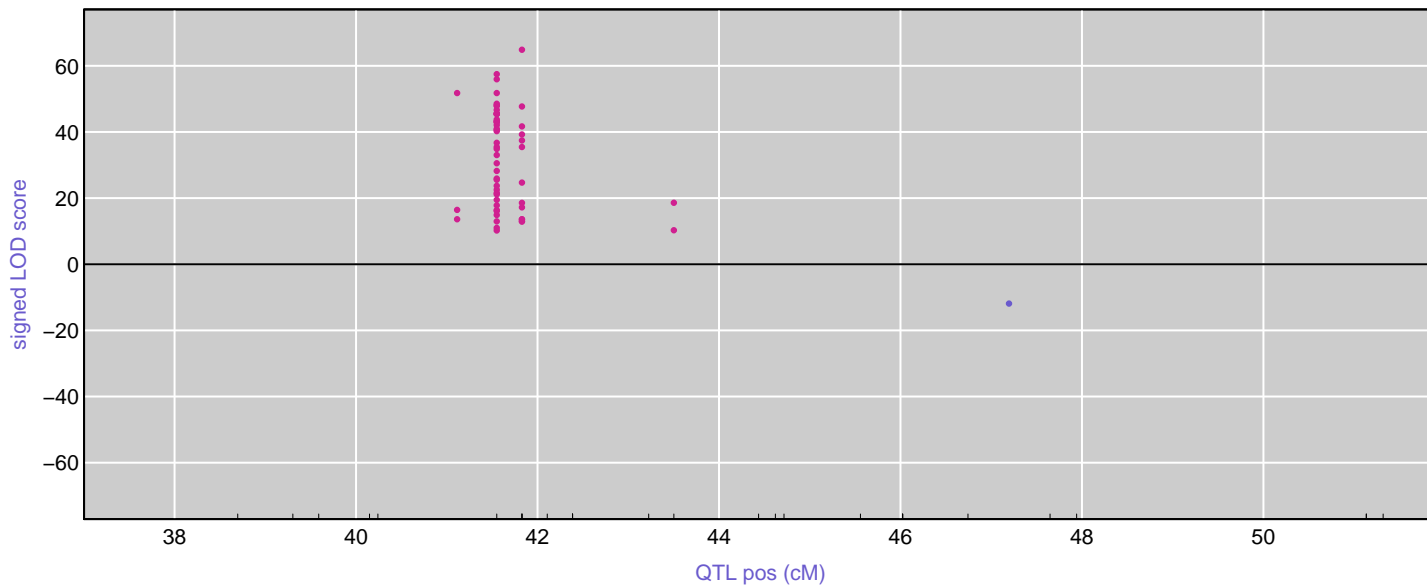


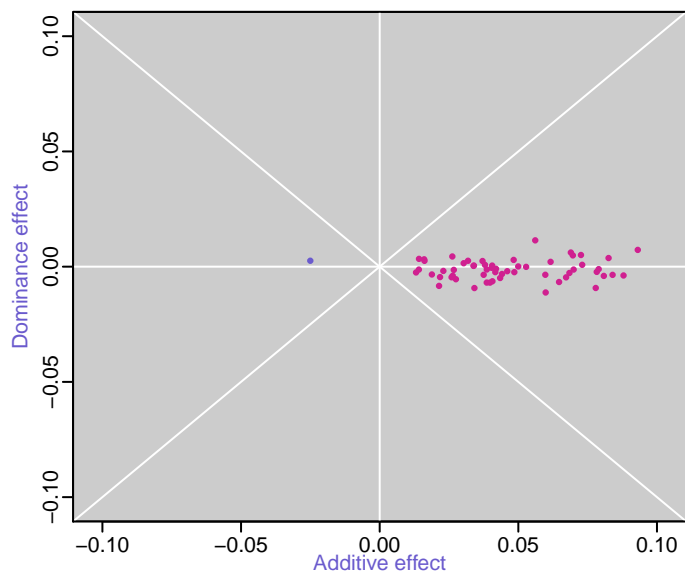
**FileS1.** A 35-page PDF with the results as in Figures 2, 3, and 4, for all 35 *trans*-eQTL hotspots identified

hypo chr1 @ 41 p-value=0.984

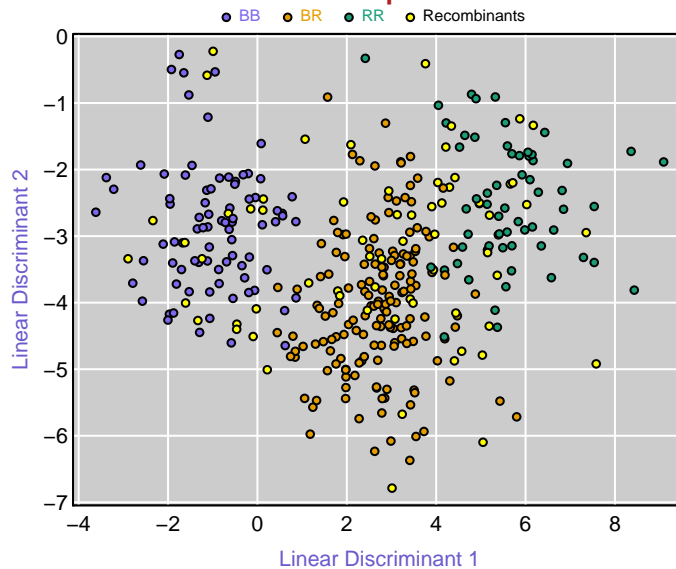
signed LOD



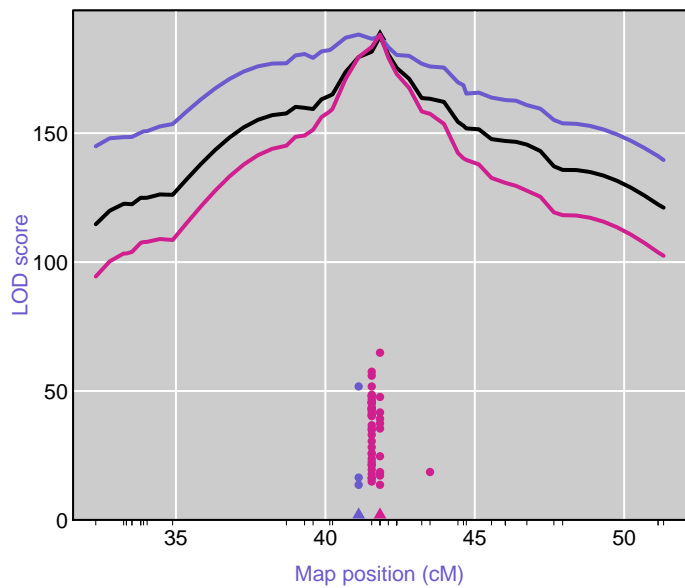
Inheritance Pattern



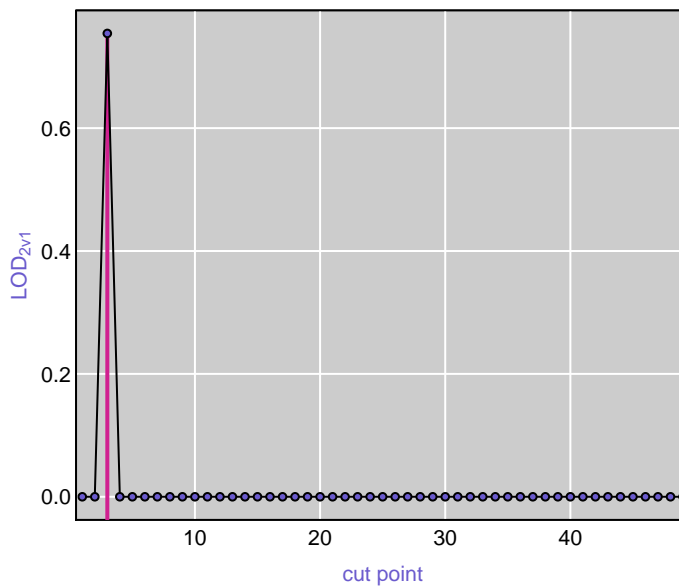
LDA plot



LOD profile

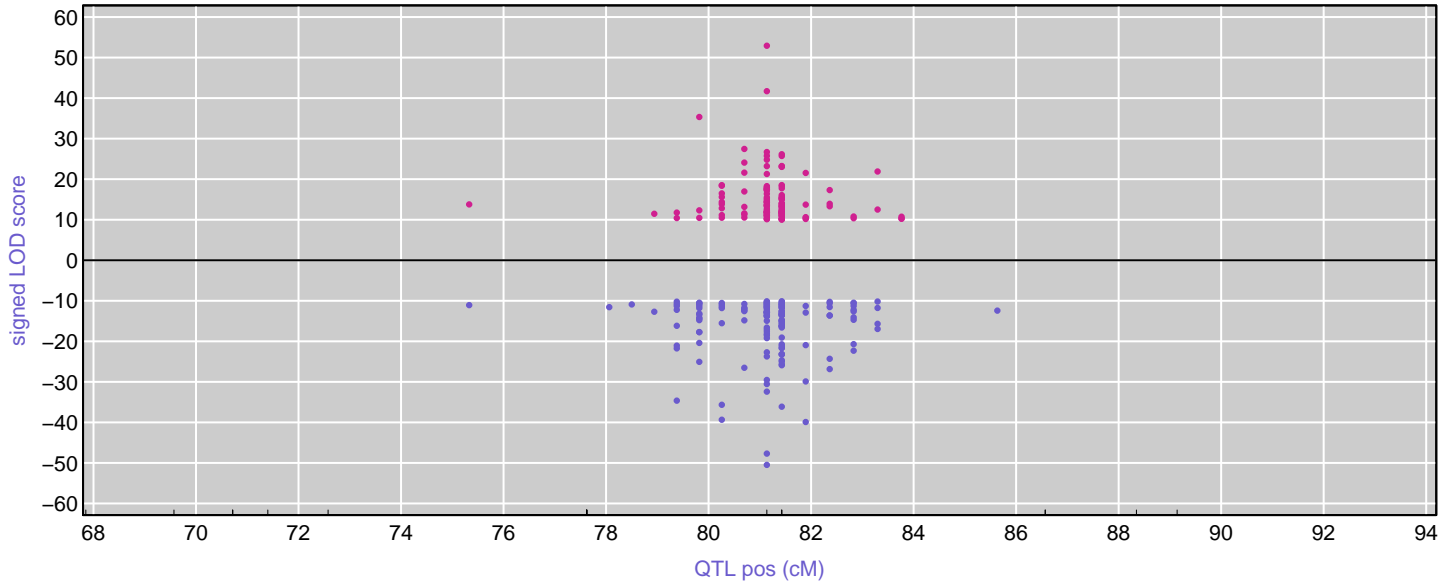


LOD<sub>2v1</sub> by cut - point

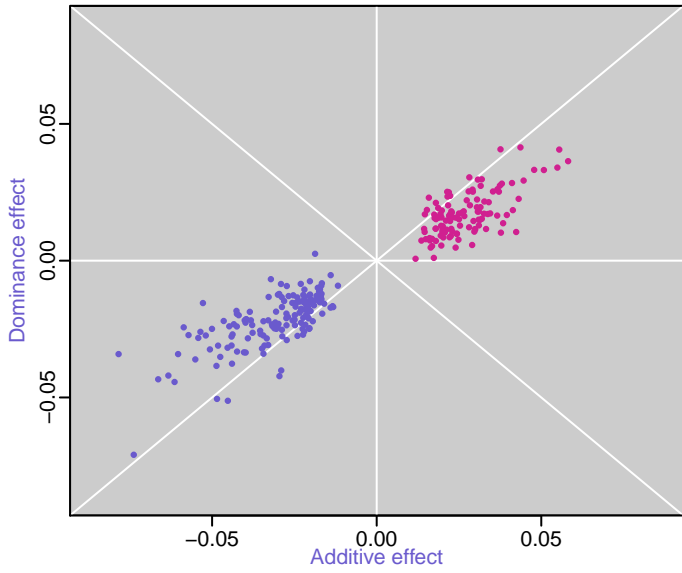


hypo chr1 @ 81 p-value=0.373

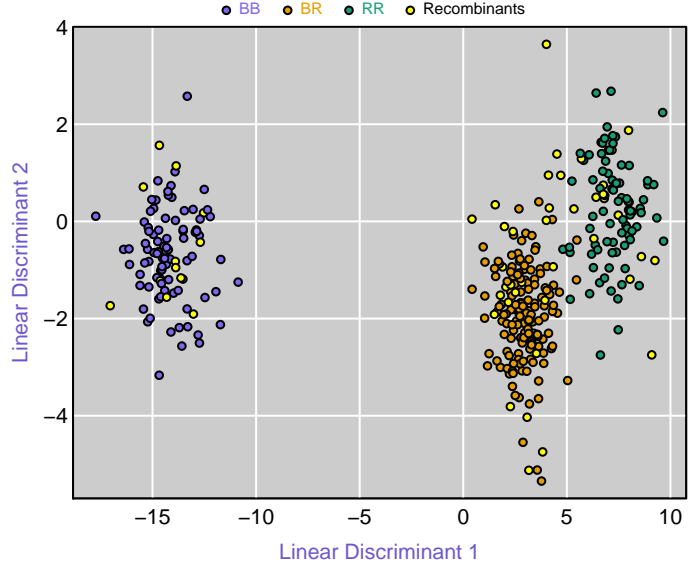
signed LOD



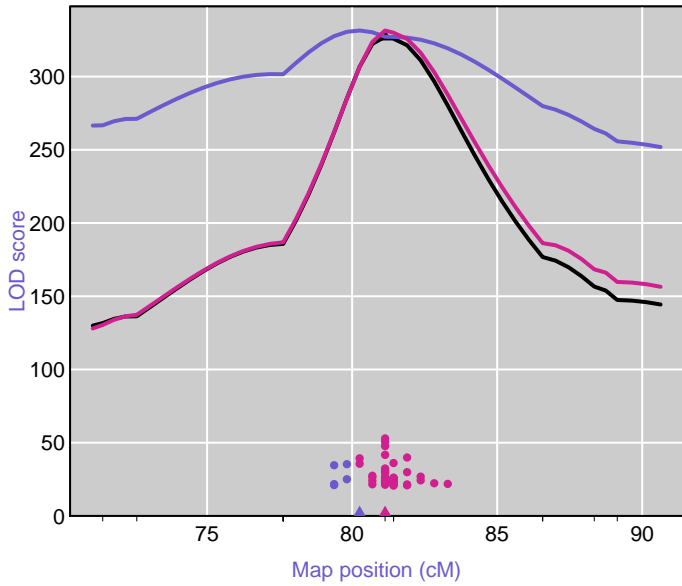
Inheritance Pattern



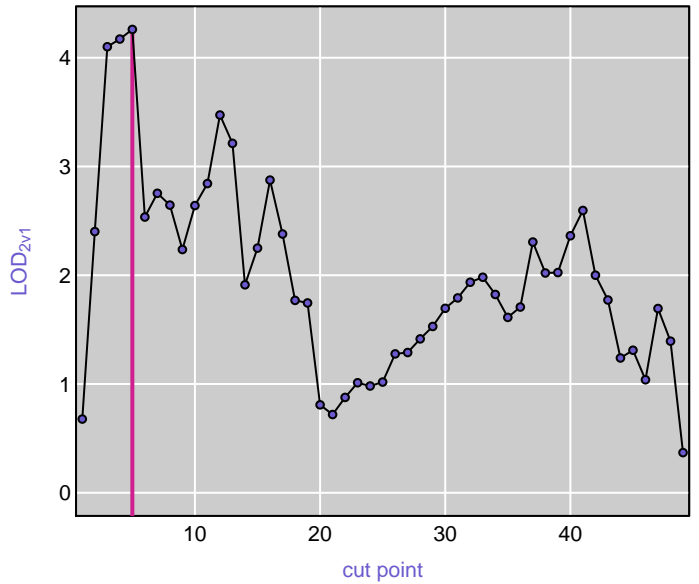
LDA plot



LOD profile

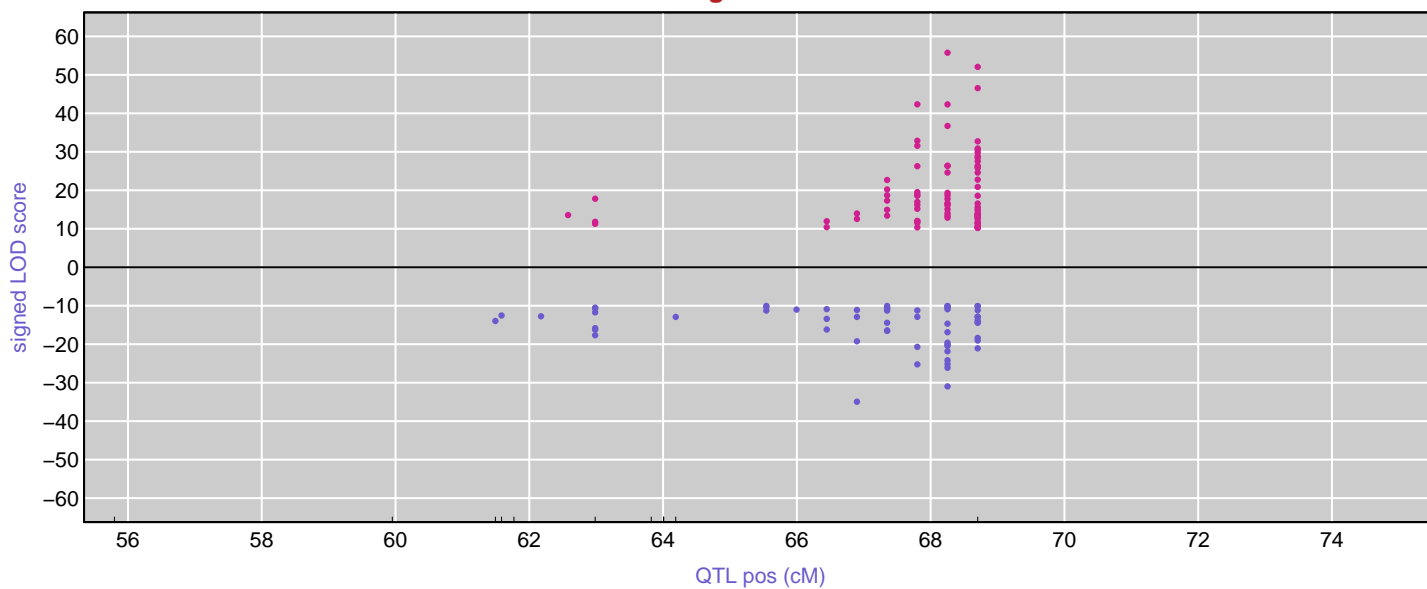


LOD<sub>2v1</sub> by cut - point

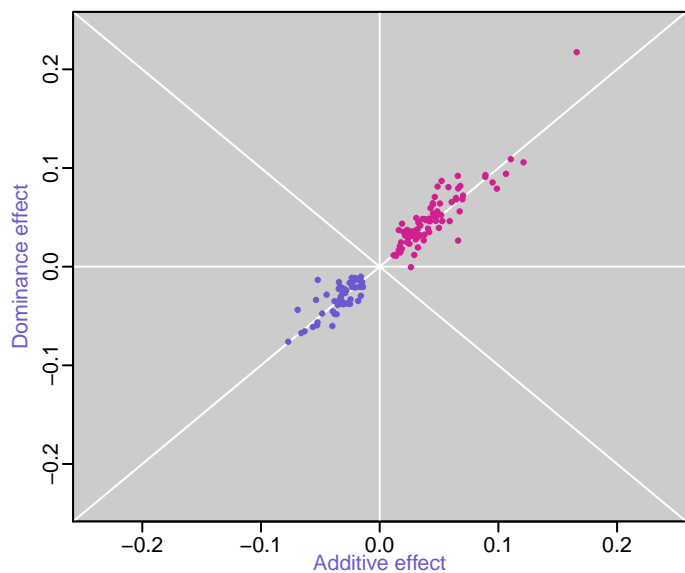


islet chr13 @ 68 p-value=0.152

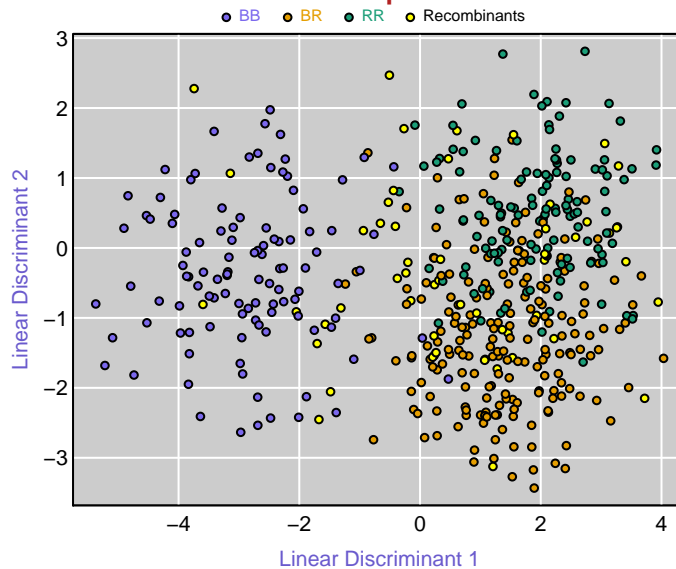
signed LOD



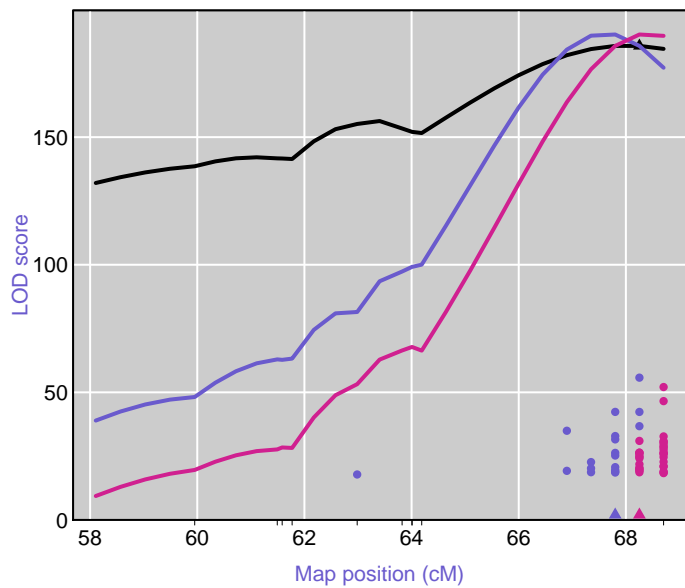
Inheritance Pattern



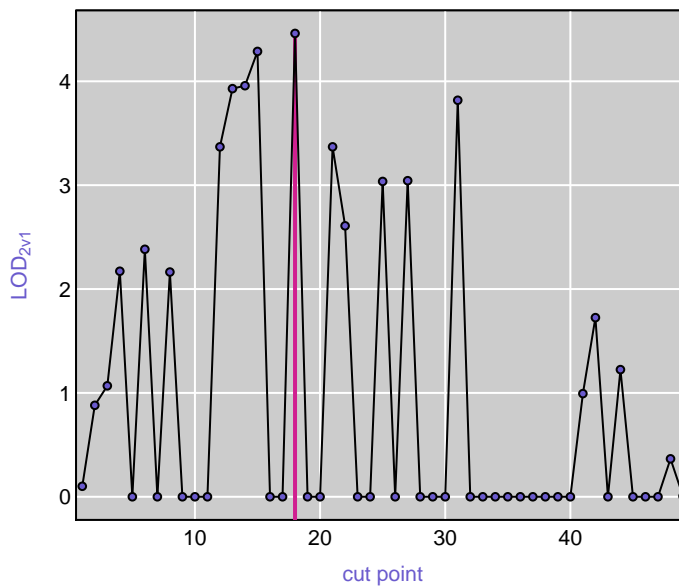
LDA plot



LOD profile

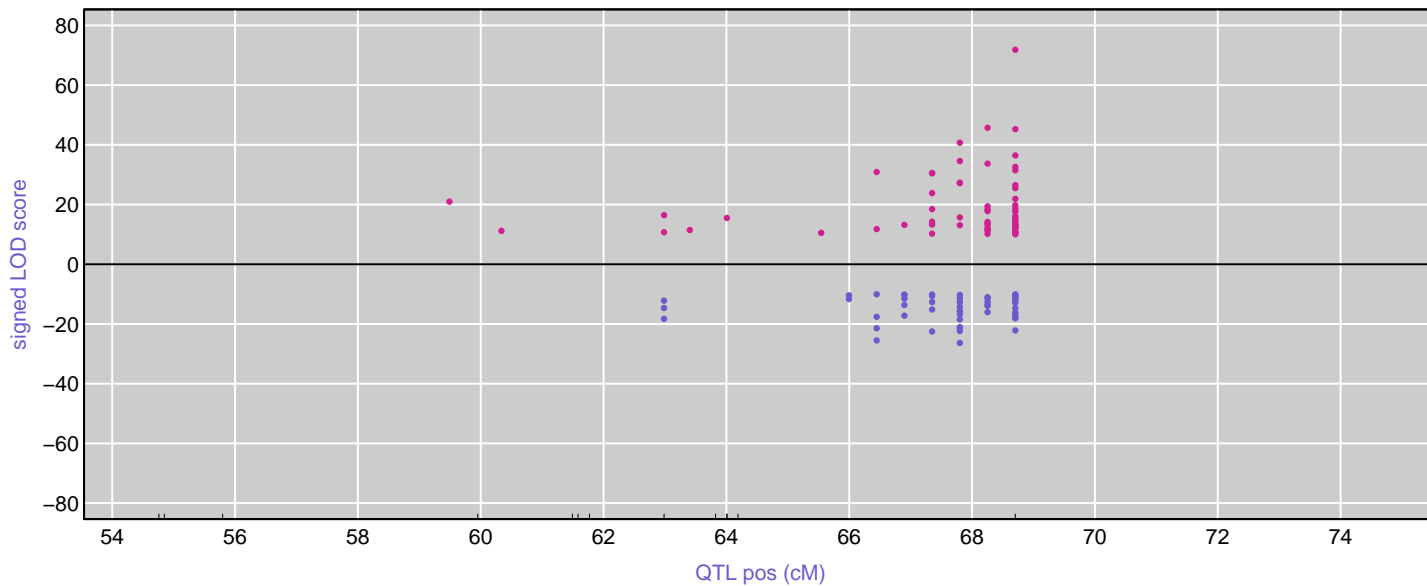


LOD<sub>2v1</sub> by cut - point

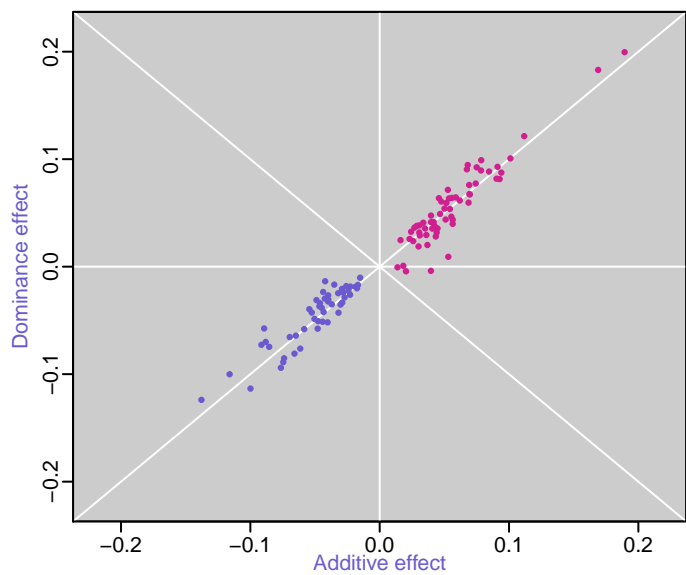


liver chr13 @ 68 p-value=0.119

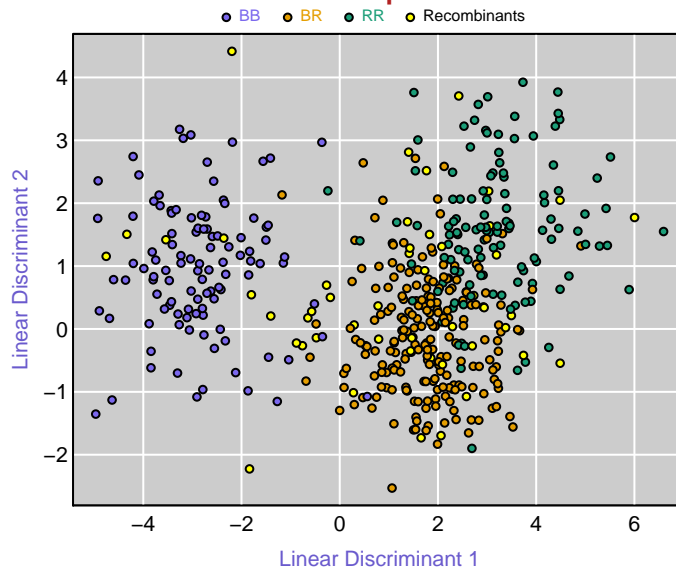
signed LOD



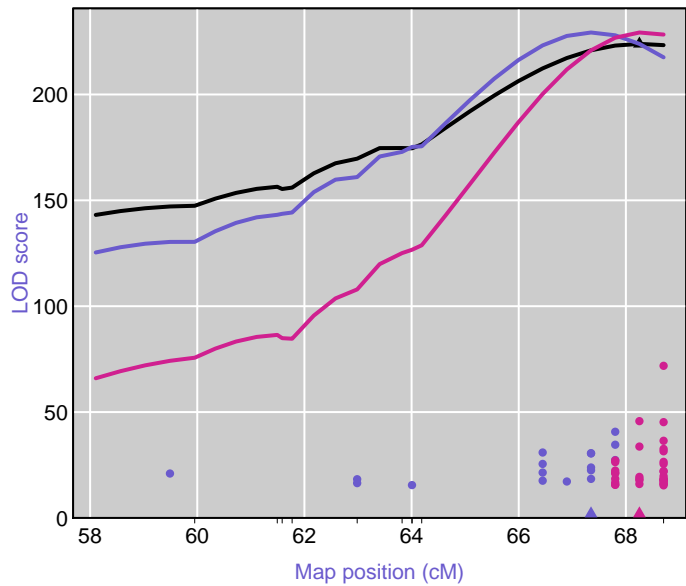
Inheritance Pattern



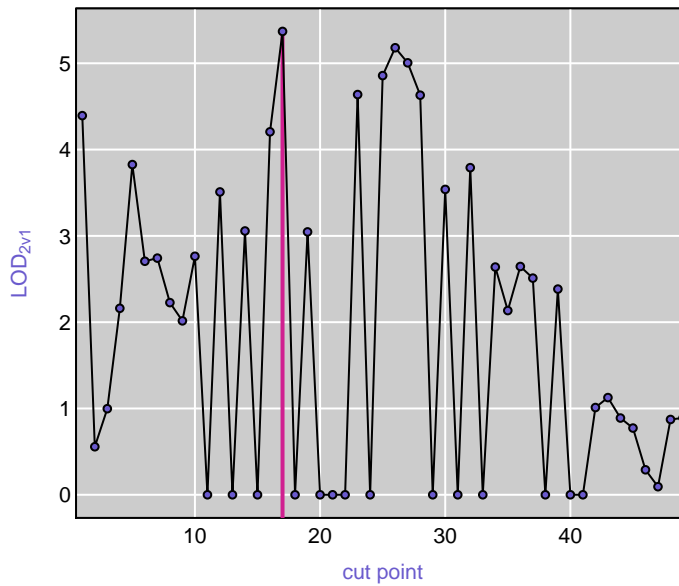
LDA plot



LOD profile

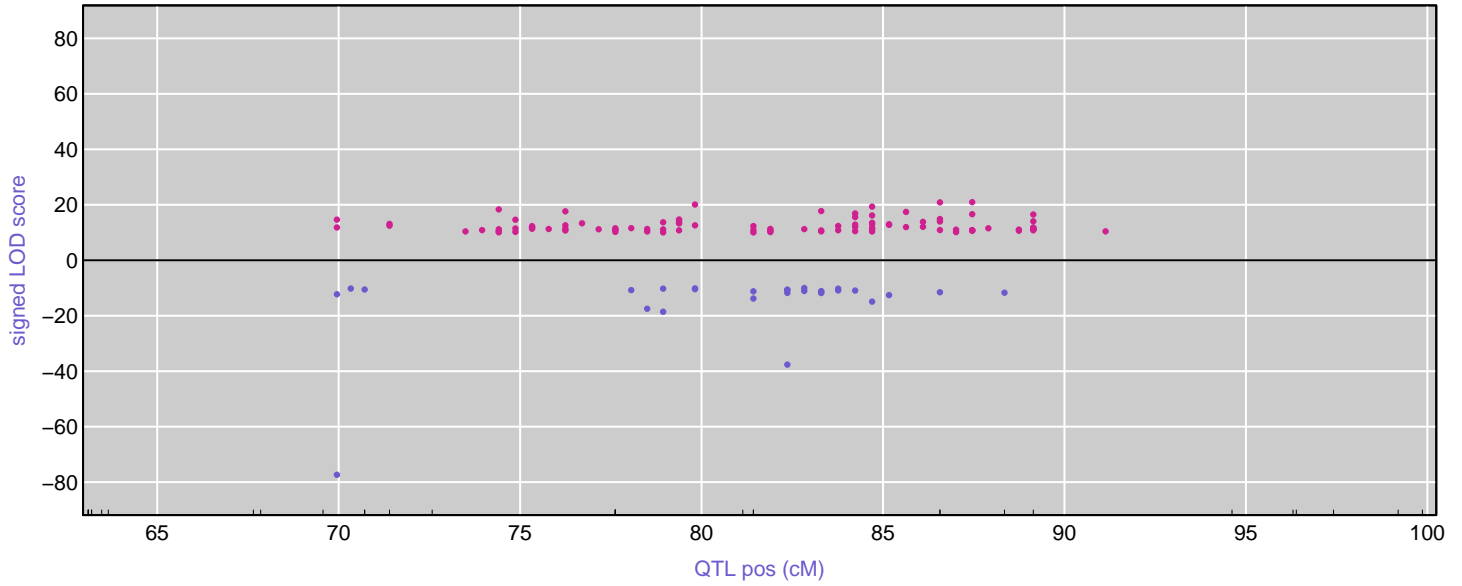


LOD<sub>2v1</sub> by cut - point

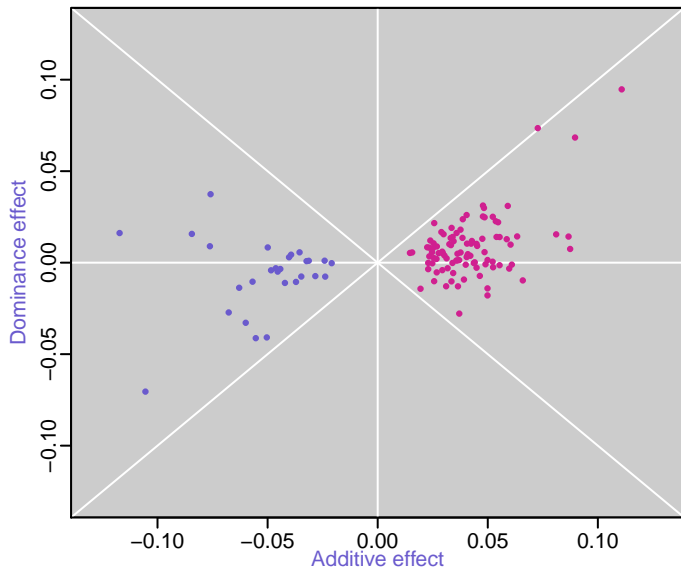


adipose chr1 @ 84 p-value=0.043

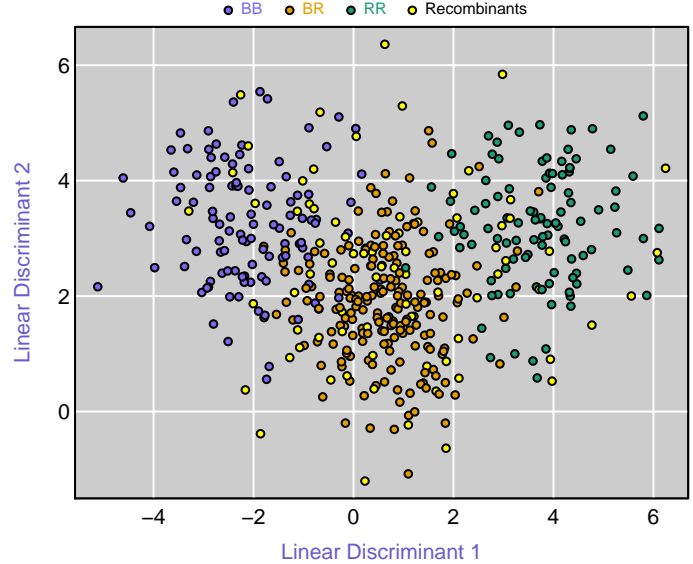
signed LOD



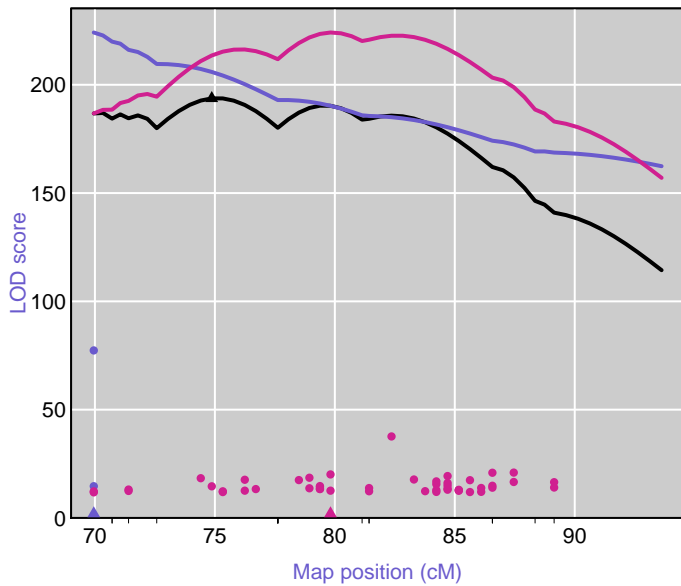
Inheritance Pattern



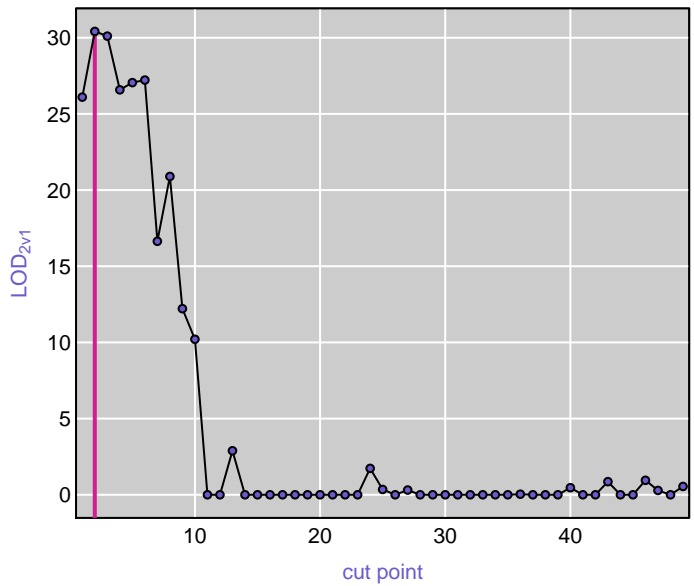
LDA plot



LOD profile

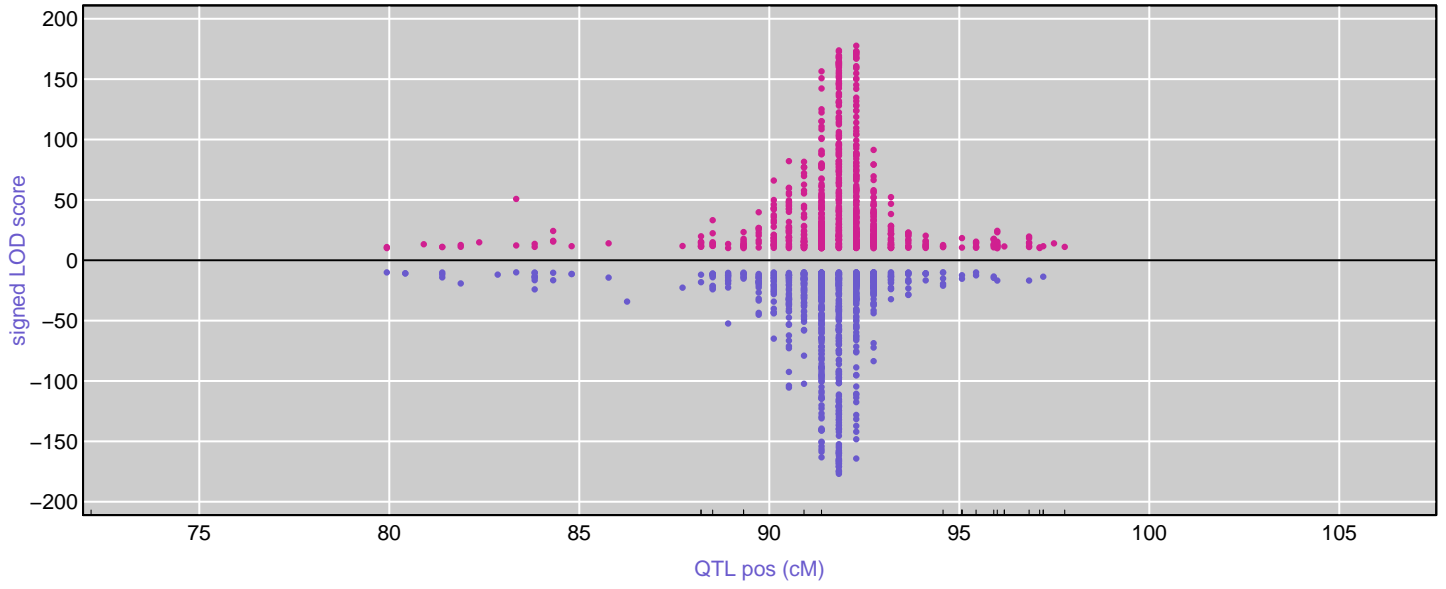


LOD<sub>2v1</sub> by cut - point

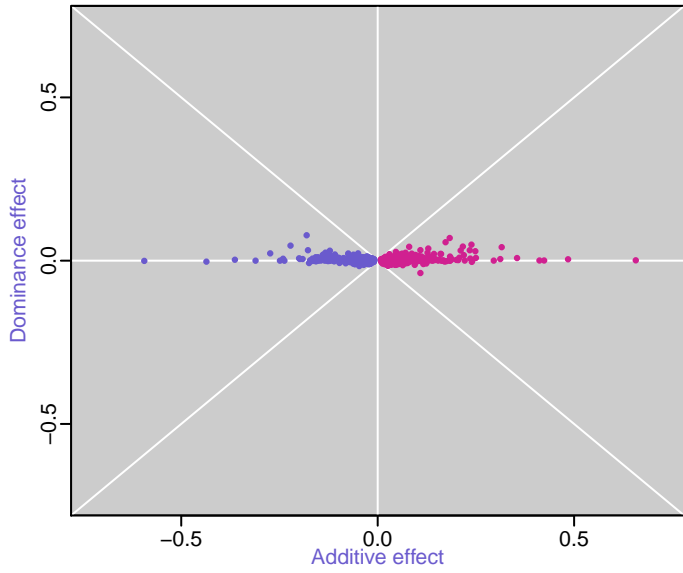


islet chr6 @ 91 p-value=0.037

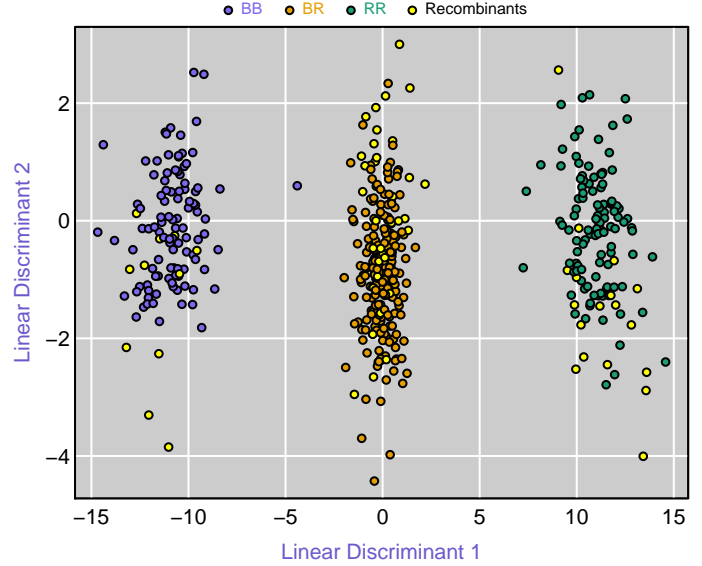
signed LOD



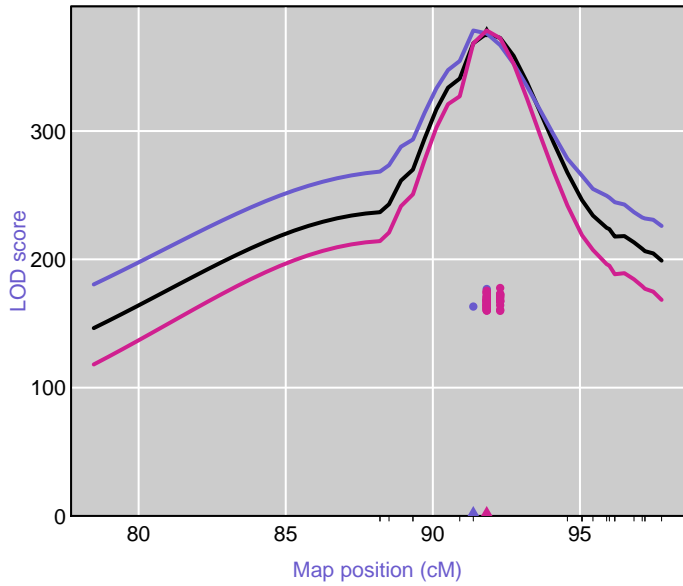
Inheritance Pattern



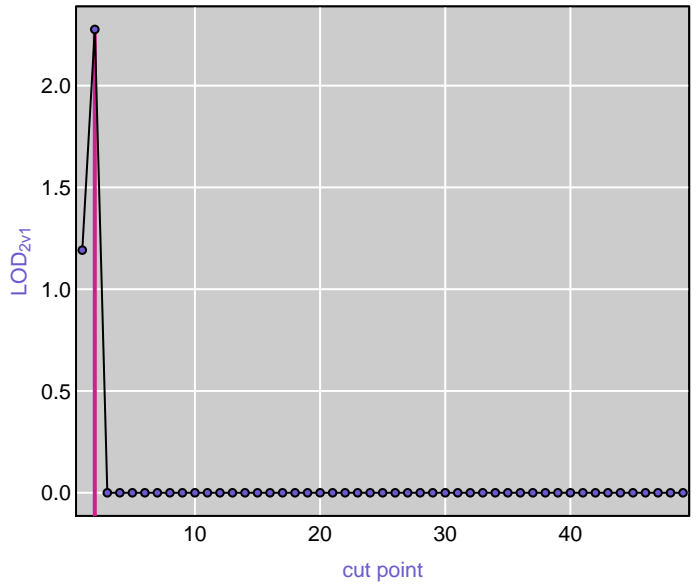
LDA plot



LOD profile

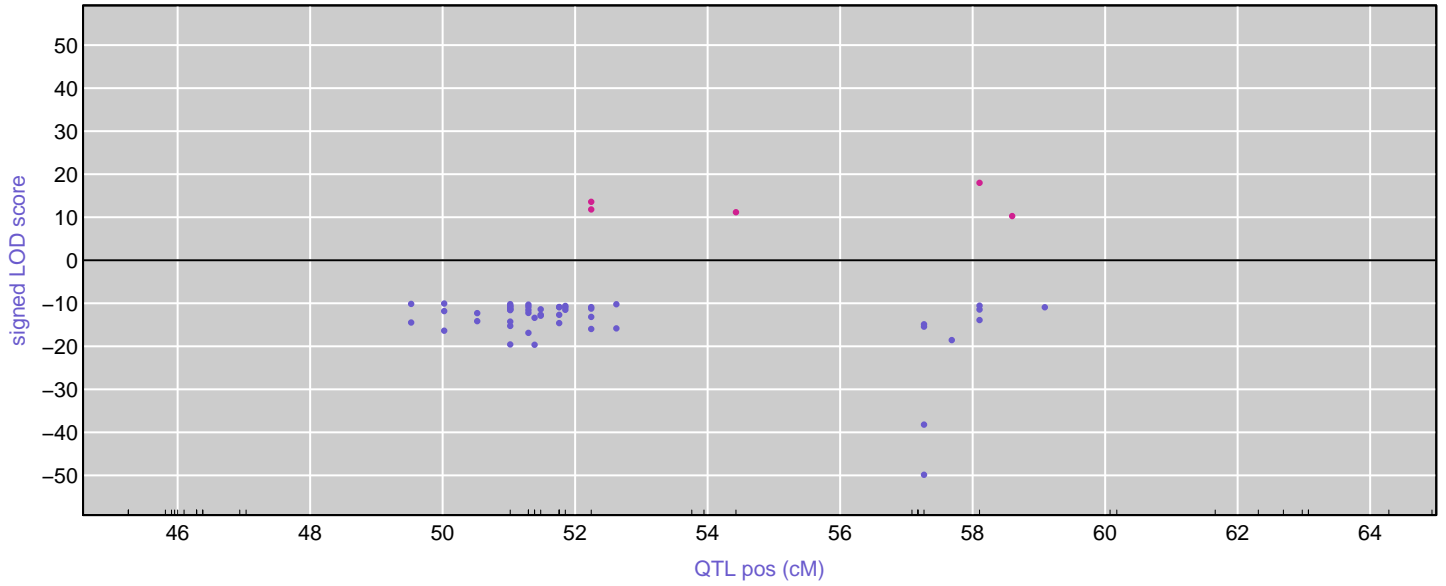


LOD<sub>2v1</sub> by cut - point

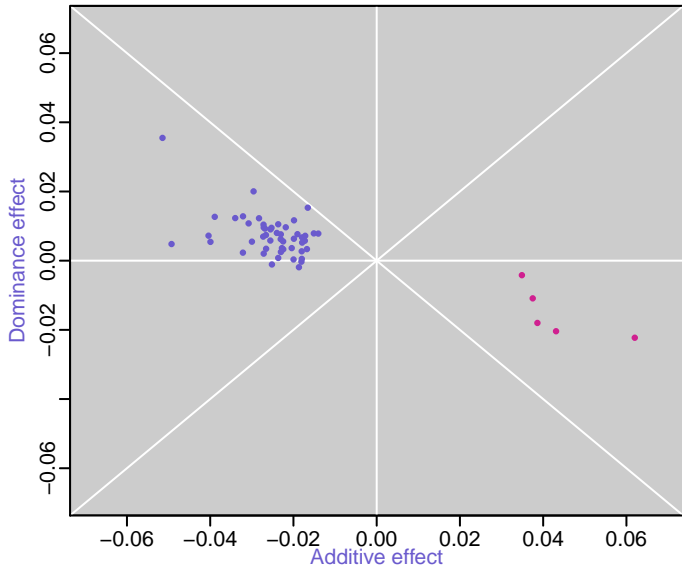


kidney chr11 @ 54 p-value=0.021

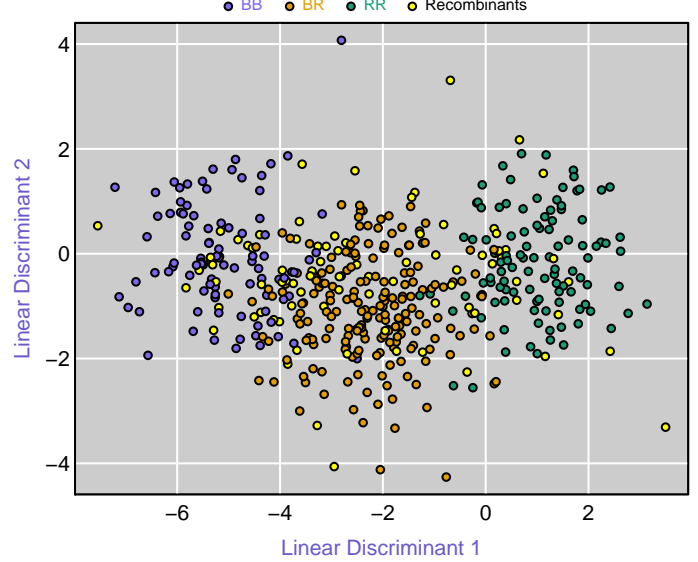
signed LOD



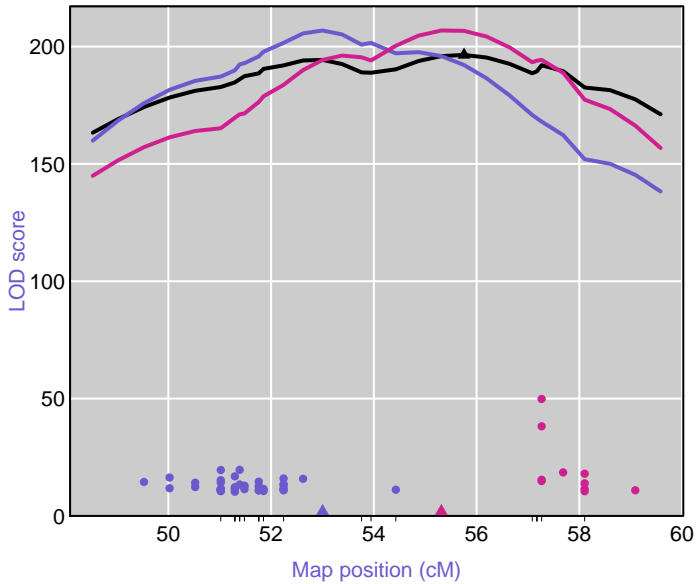
Inheritance Pattern



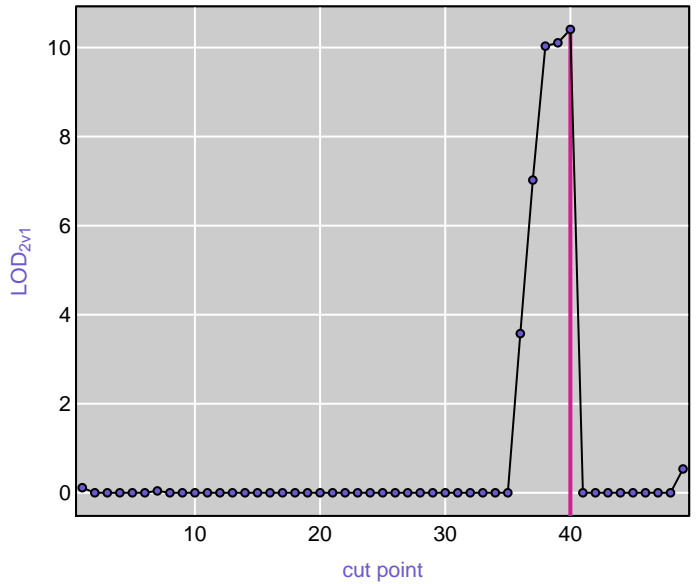
LDA plot



LOD profile

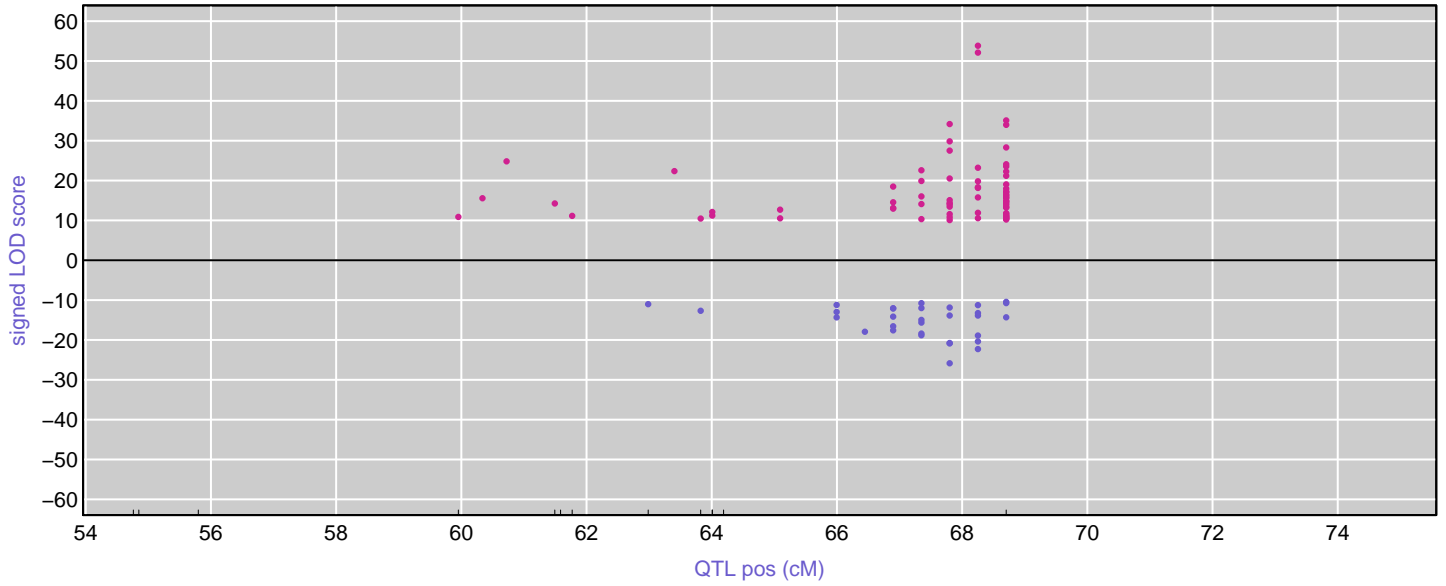


LOD<sub>2v1</sub> by cut - point

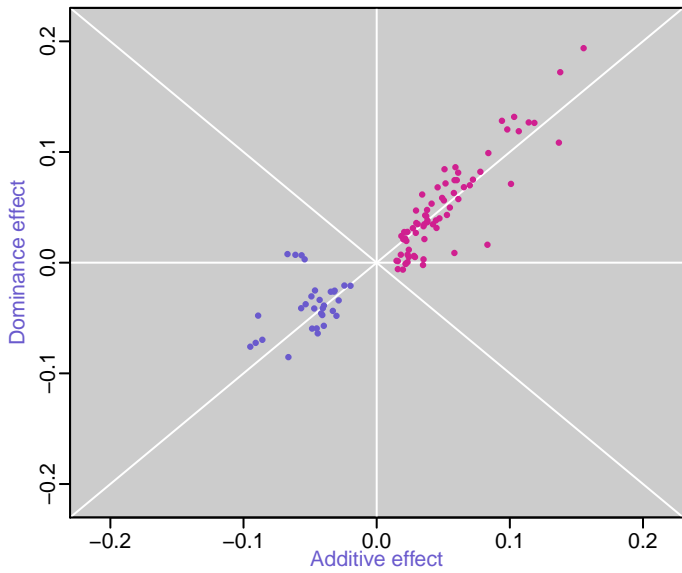


gastroc chr13 @ 68 p-value=0.003

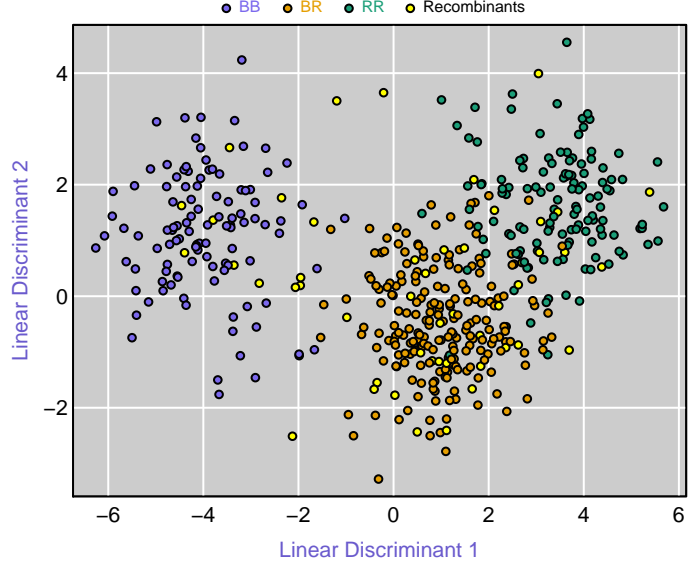
signed LOD



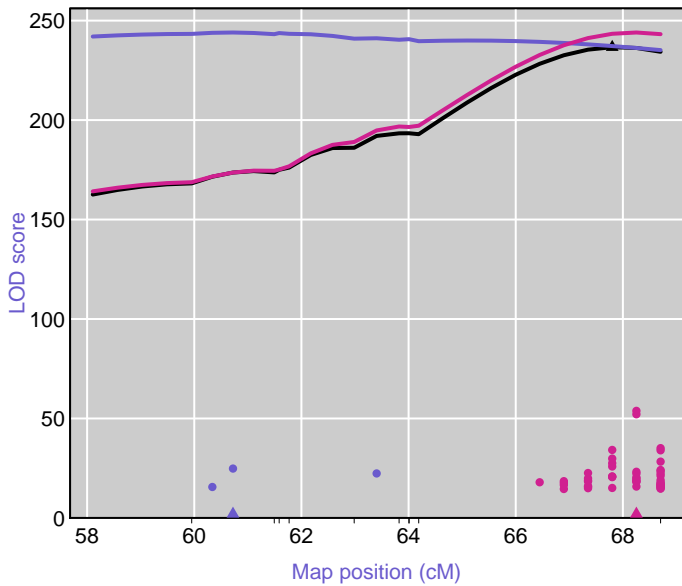
Inheritance Pattern



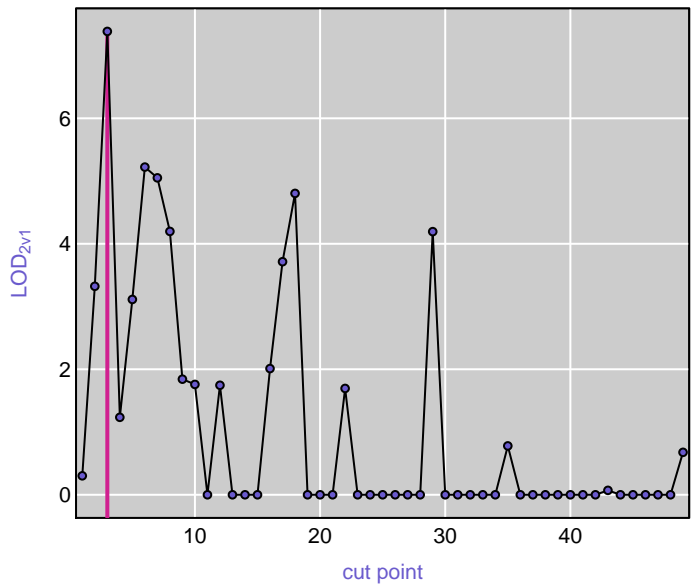
LDA plot



LOD profile



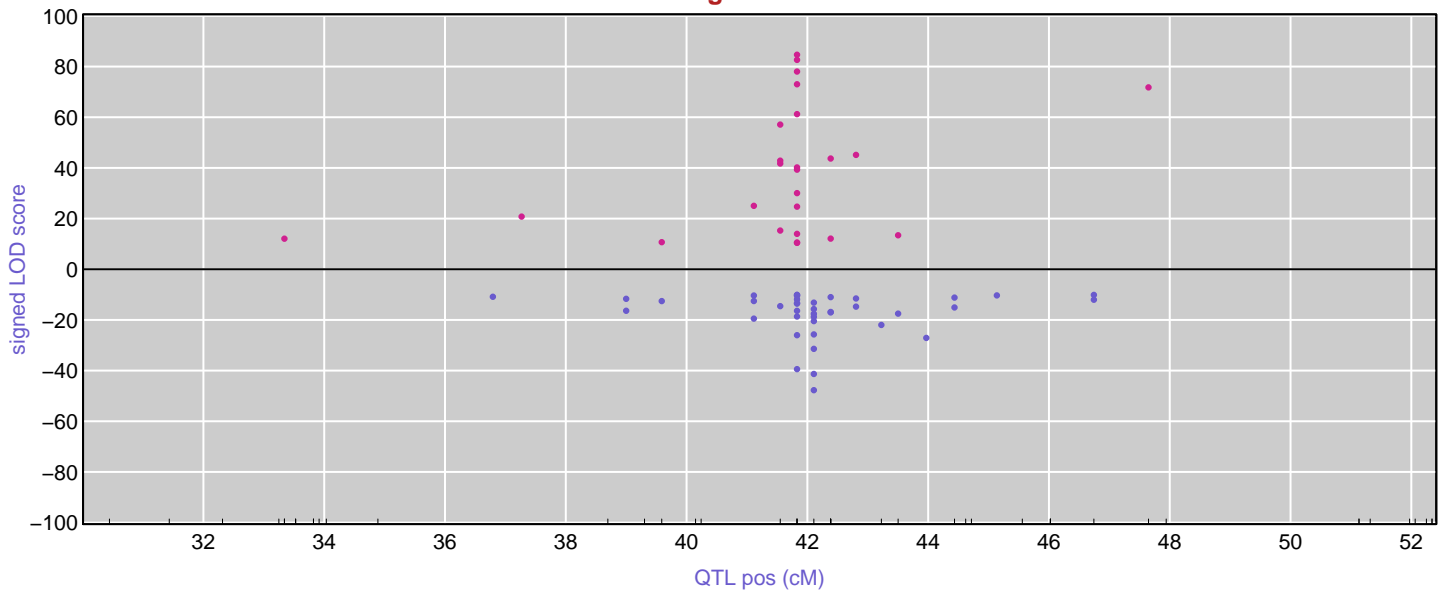
LOD<sub>2v1</sub> by cut - point



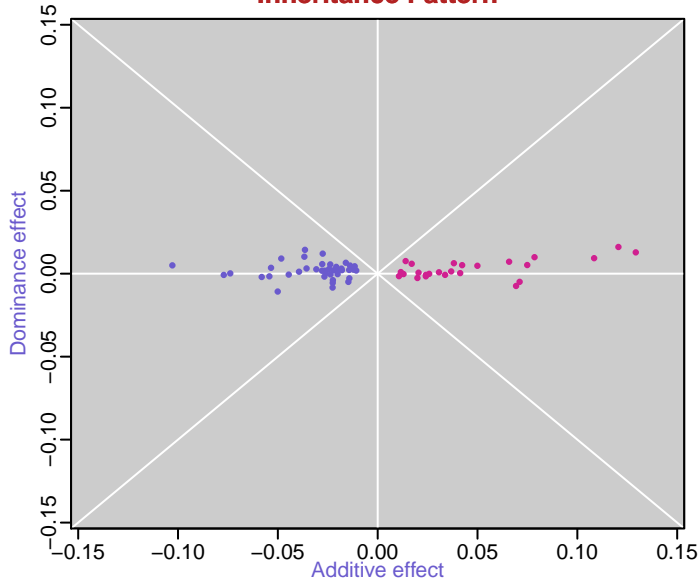


islet chr1 @ 41 p-value=0

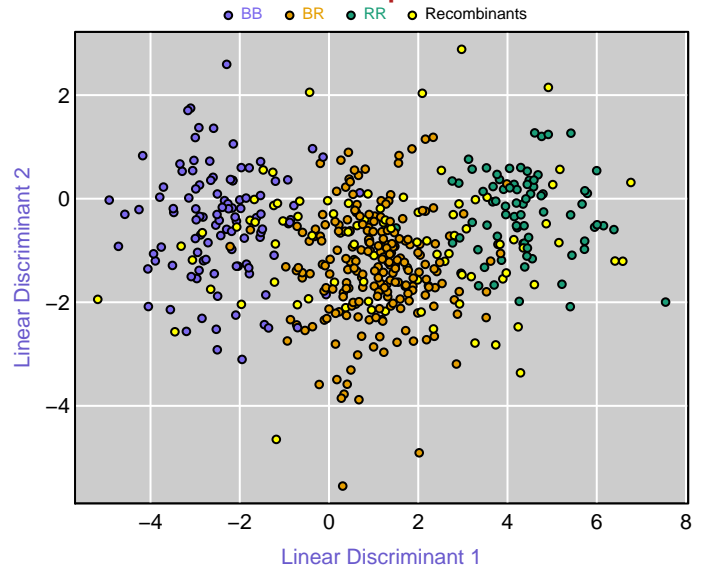
signed LOD



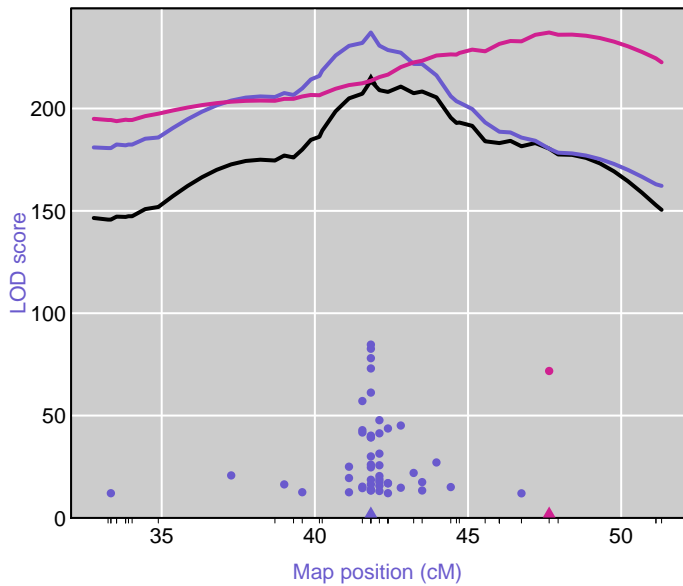
Inheritance Pattern



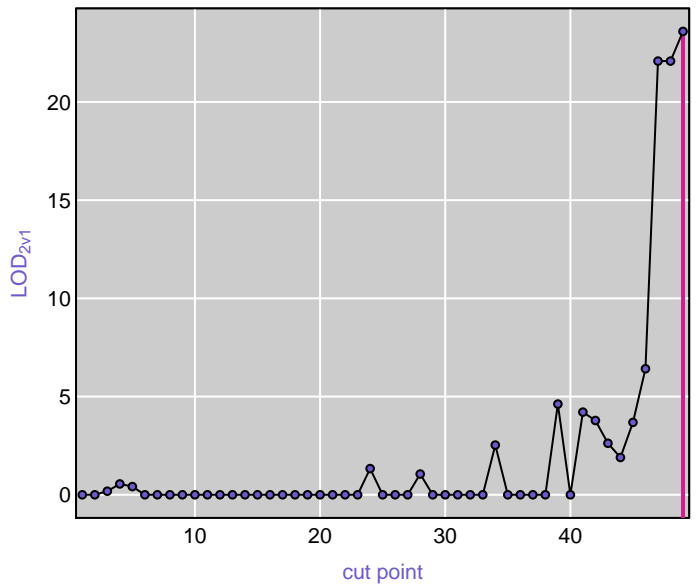
LDA plot



LOD profile

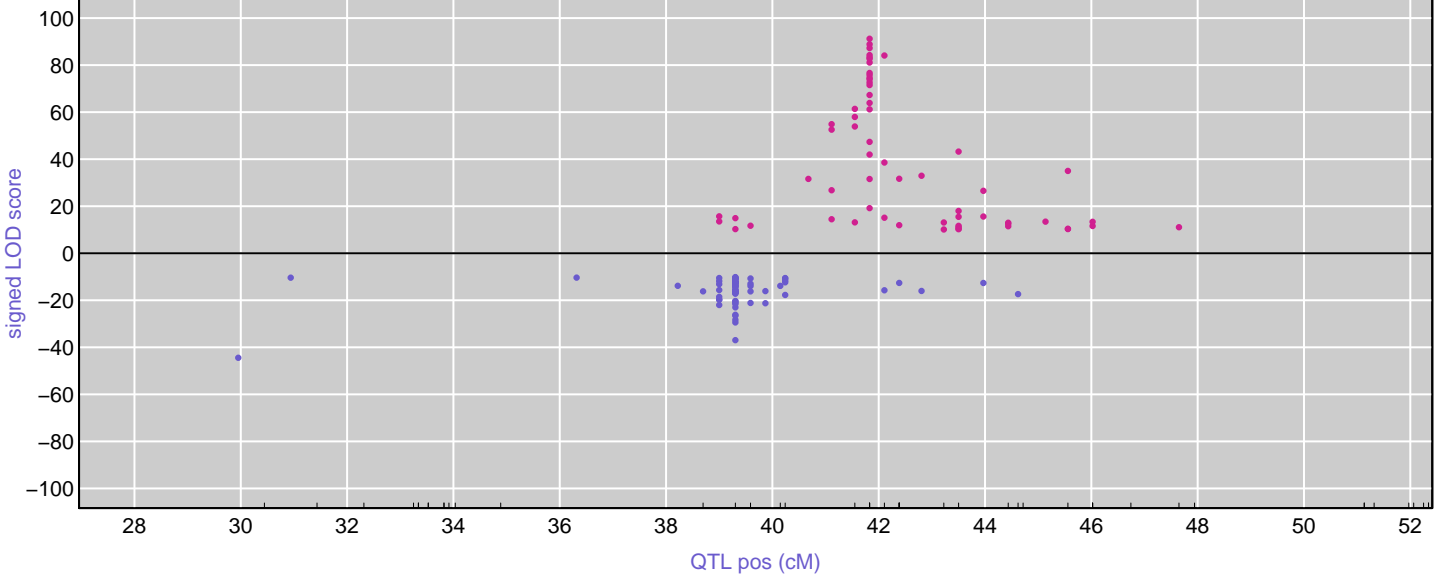


LOD<sub>2v1</sub> by cut - point

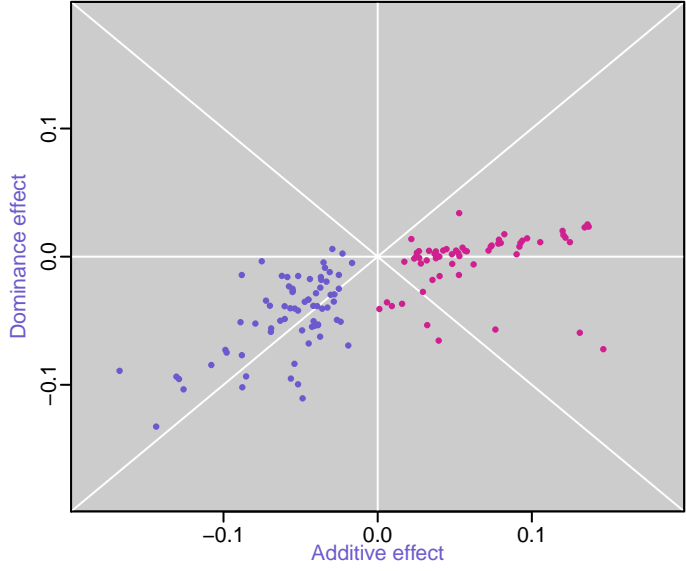


adipose chr1 @ 39 p-value=0

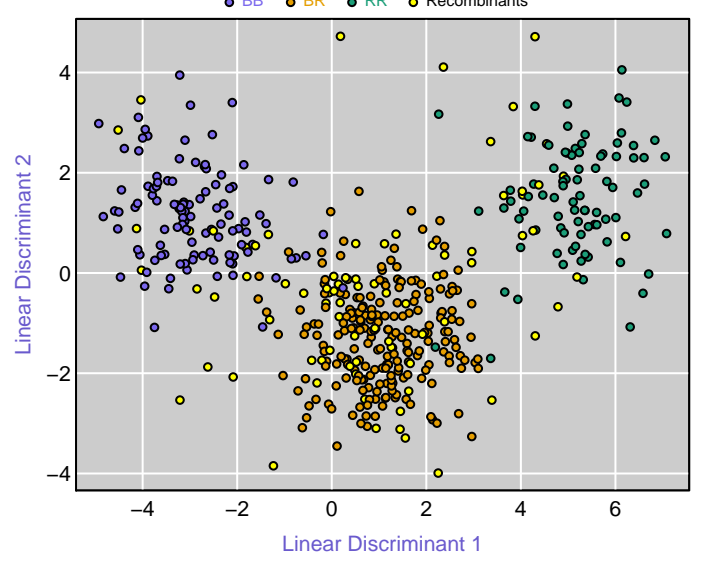
signed LOD



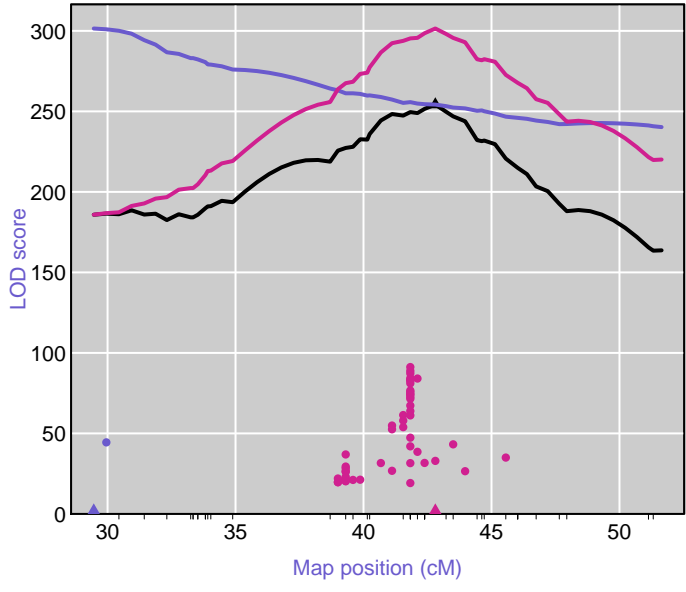
Inheritance Pattern



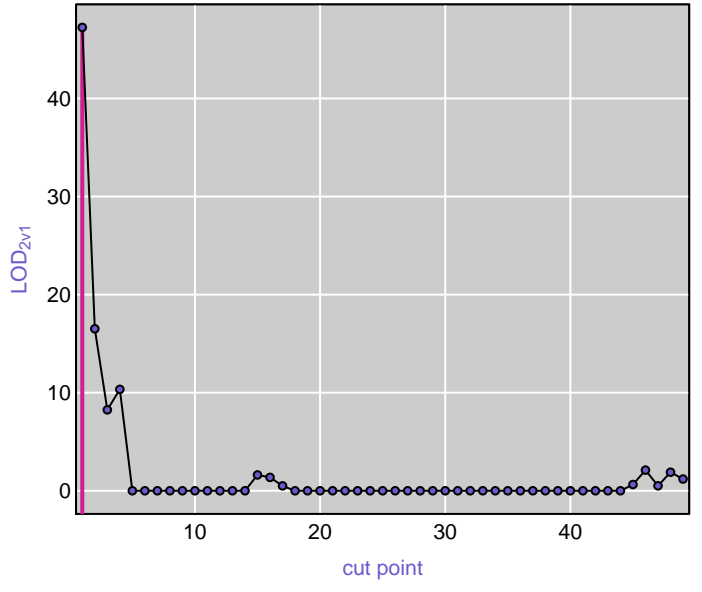
LDA plot



LOD profile

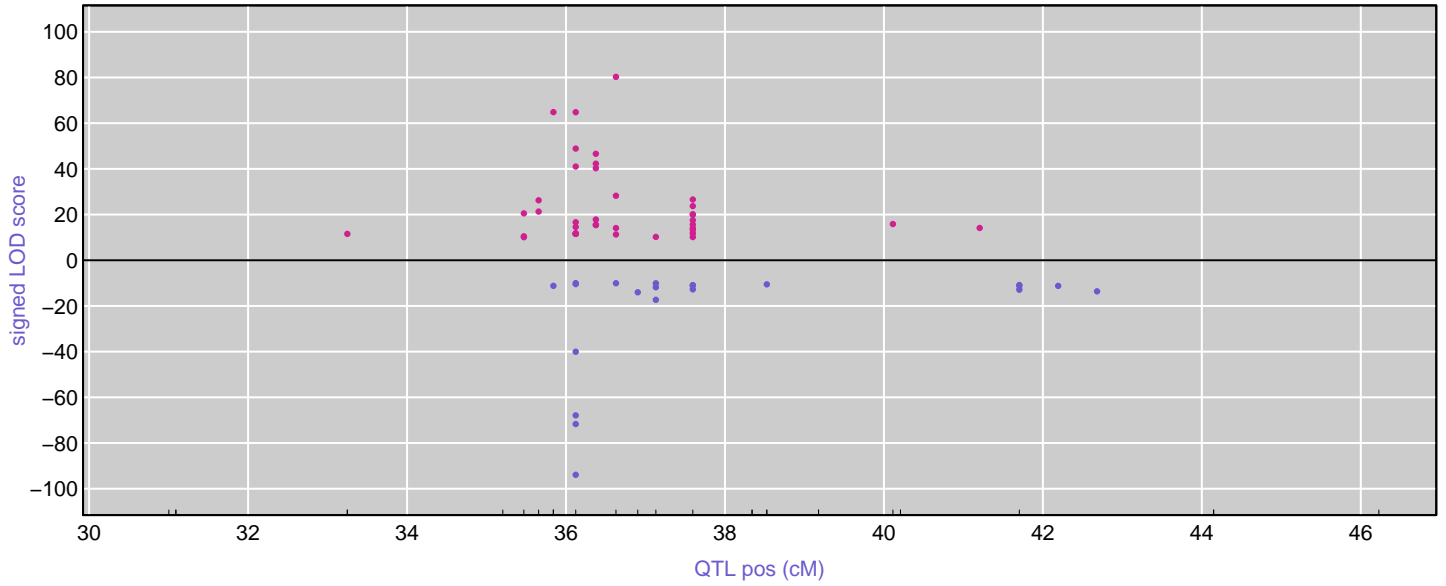


LOD<sub>2v1</sub> by cut-point

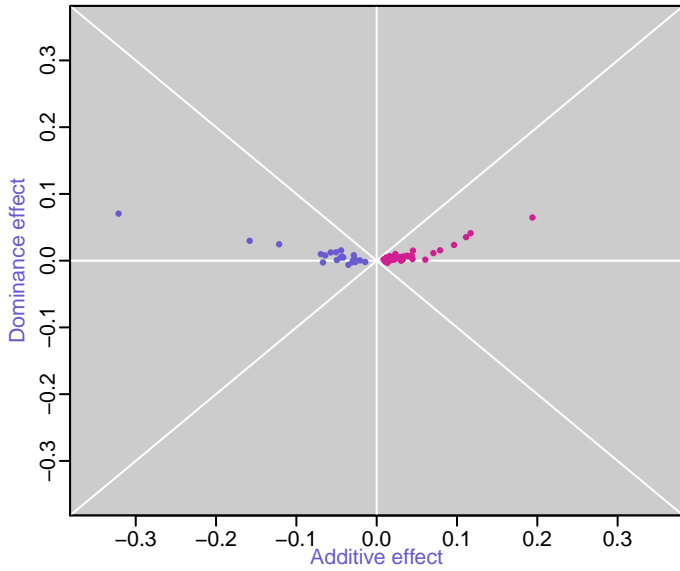


islet chr2 @ 36 p-value=0

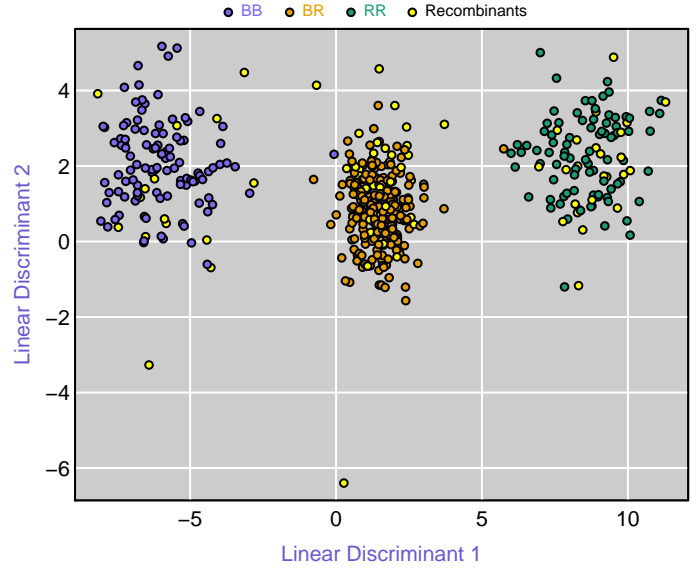
signed LOD



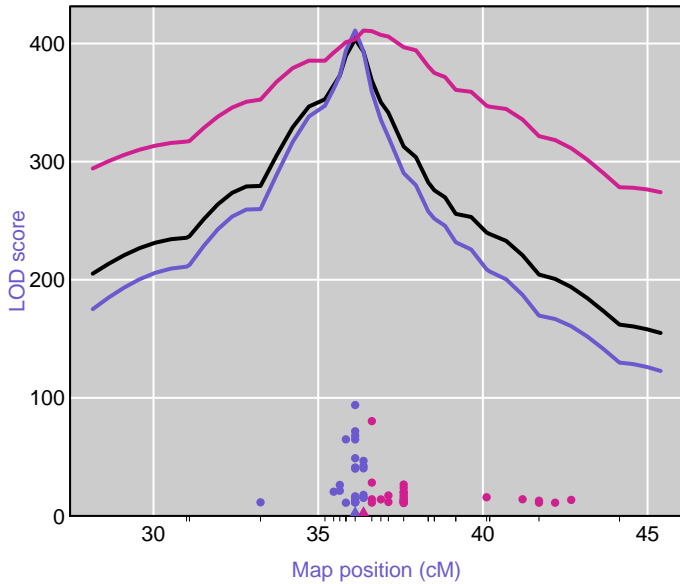
Inheritance Pattern



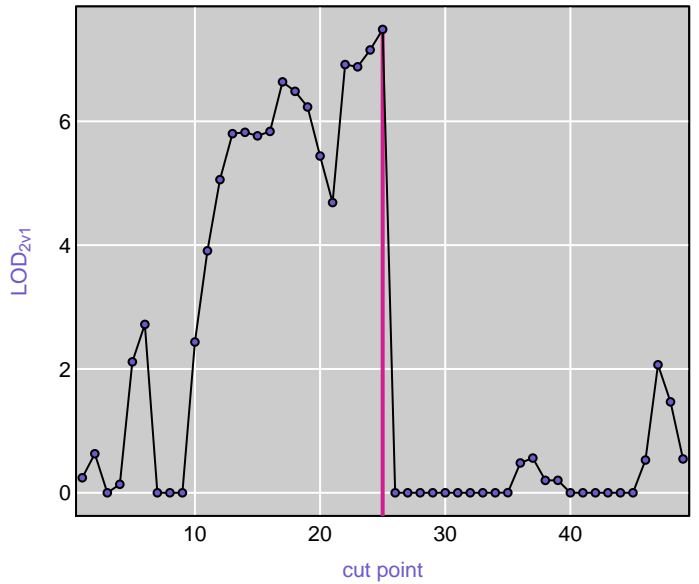
LDA plot



LOD profile

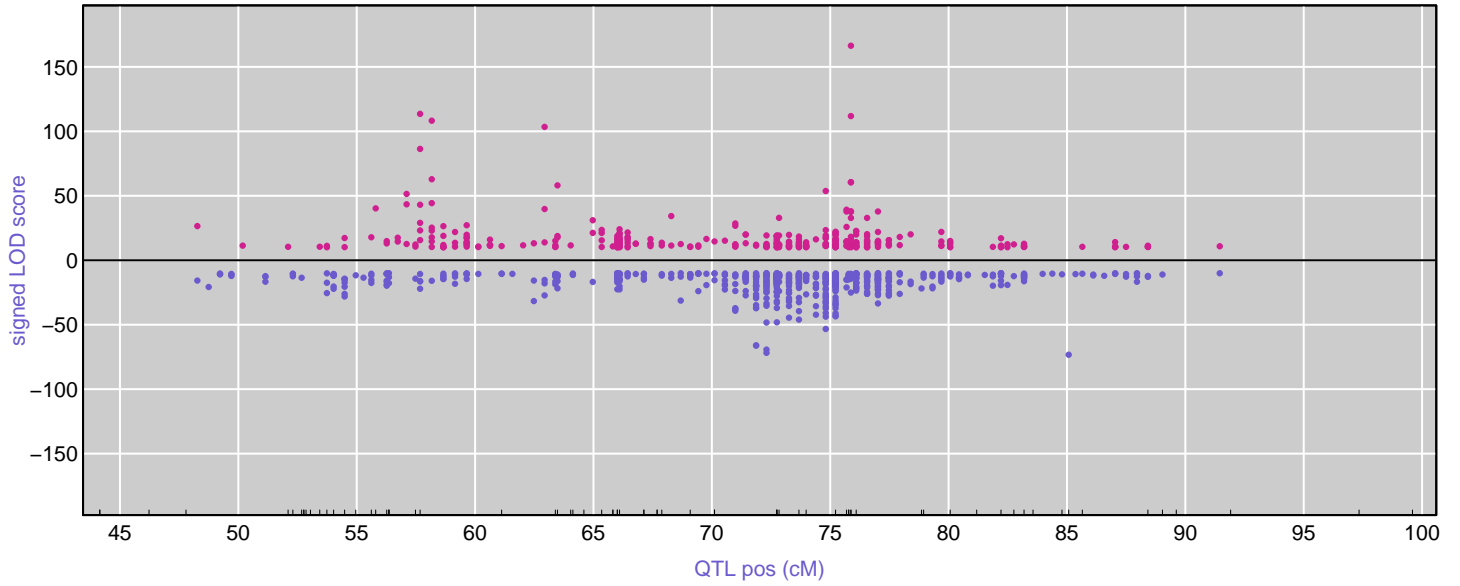


LOD<sub>2v1</sub> by cut - point

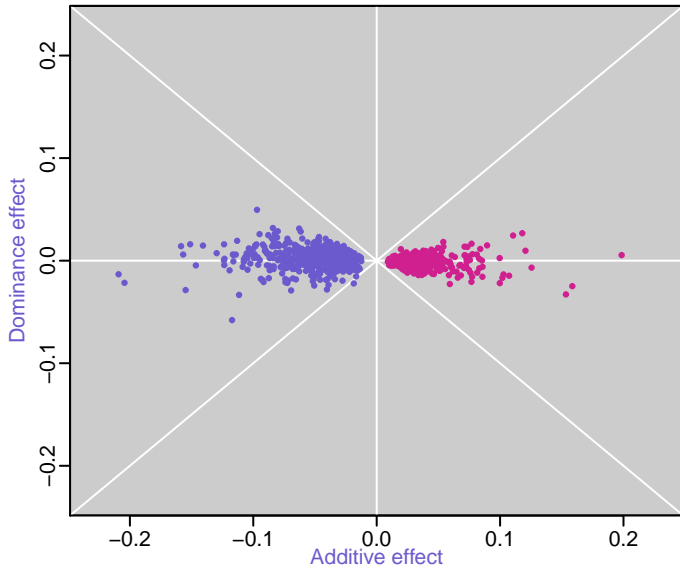


islet chr2 @ 75 p-value=0

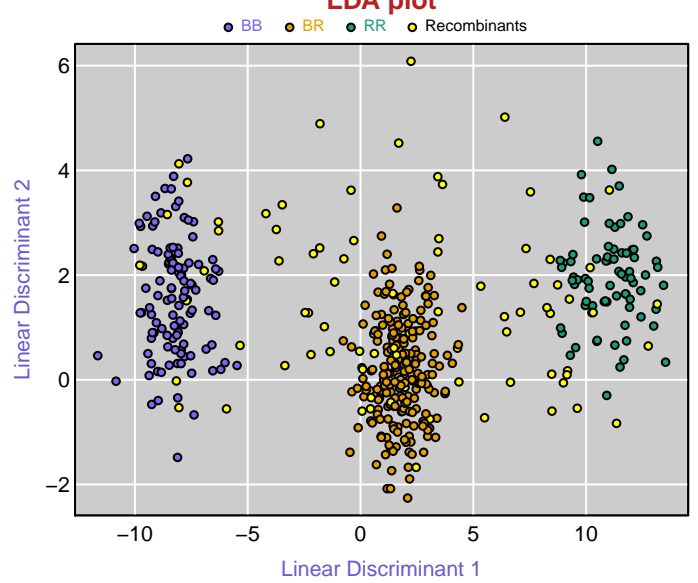
signed LOD



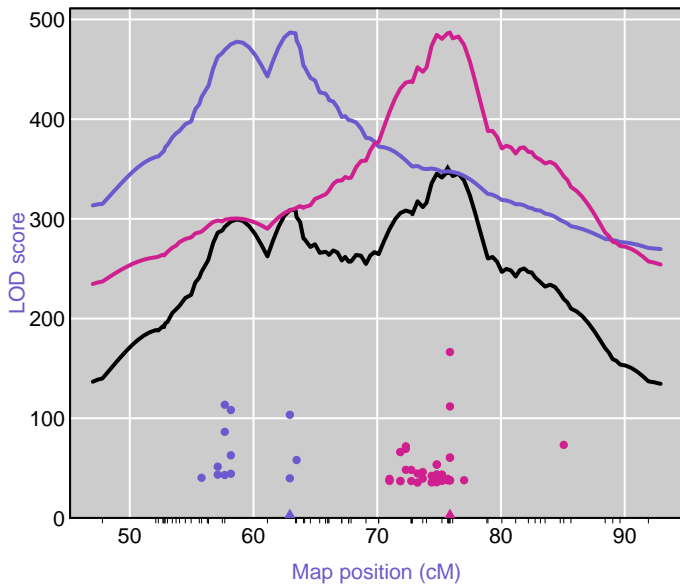
Inheritance Pattern



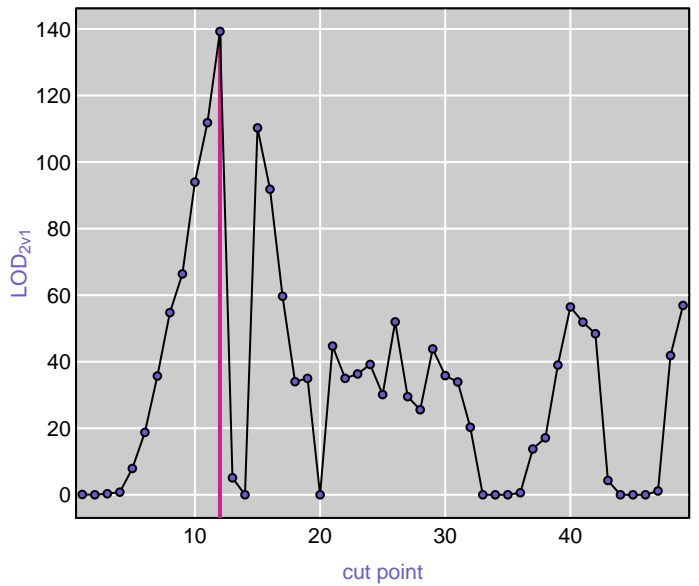
LDA plot



LOD profile

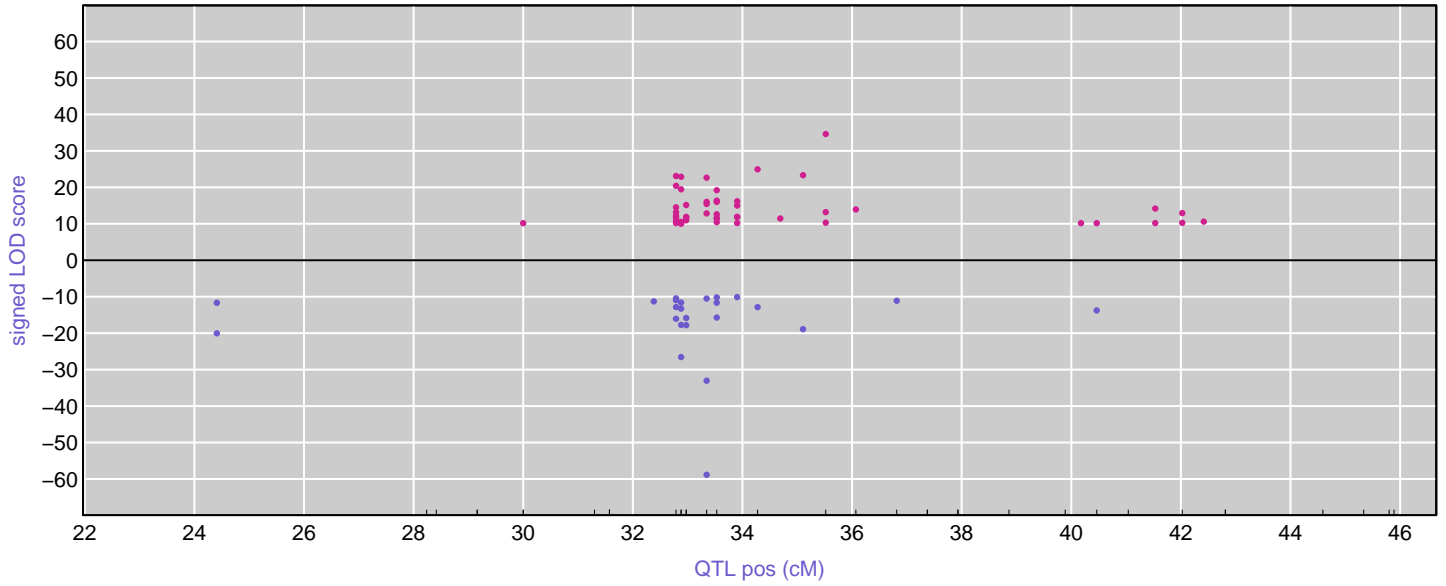


LOD<sub>2v1</sub> by cut - point

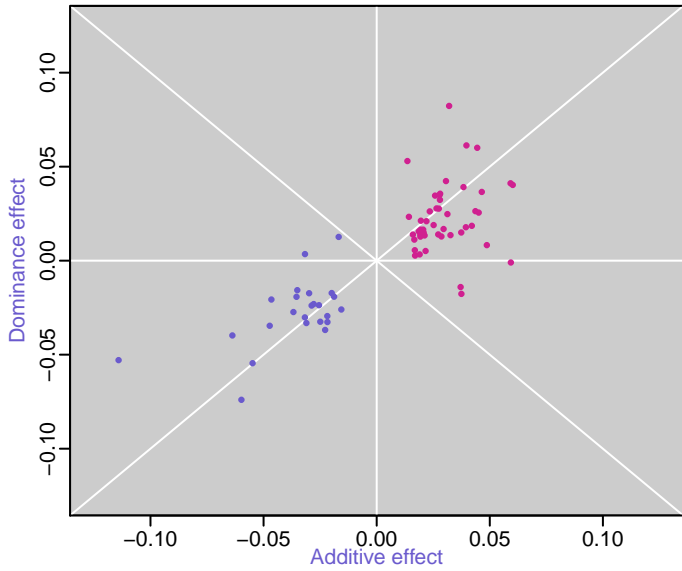


kidney chr4 @ 32 p-value=0

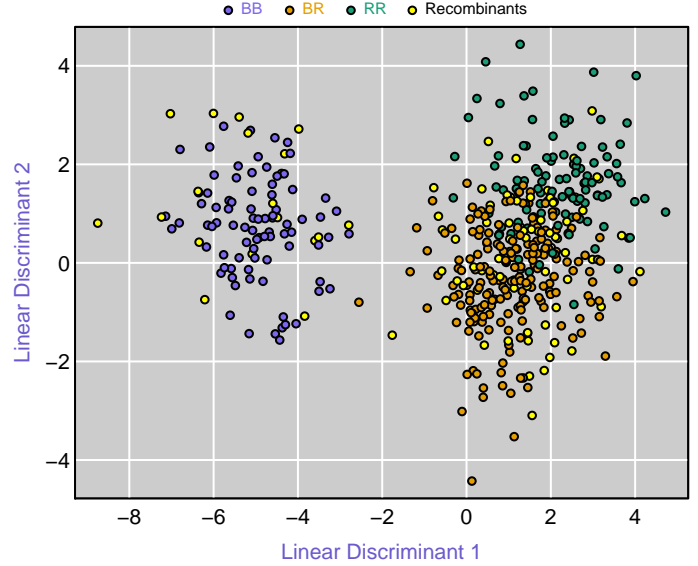
signed LOD



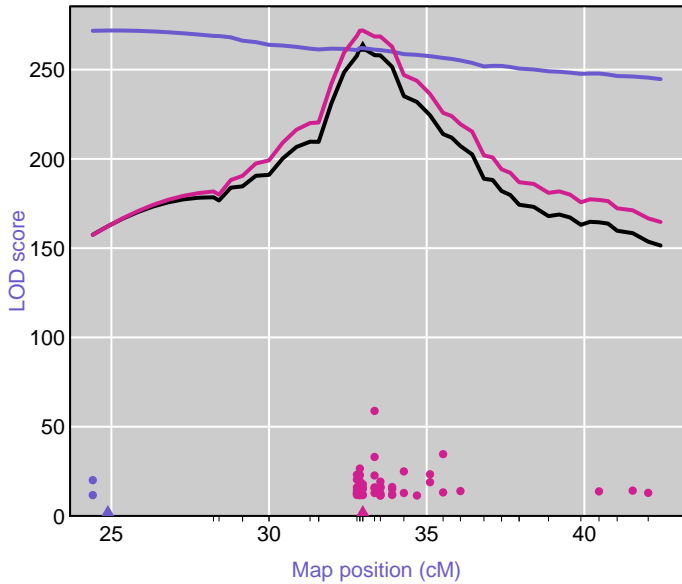
Inheritance Pattern



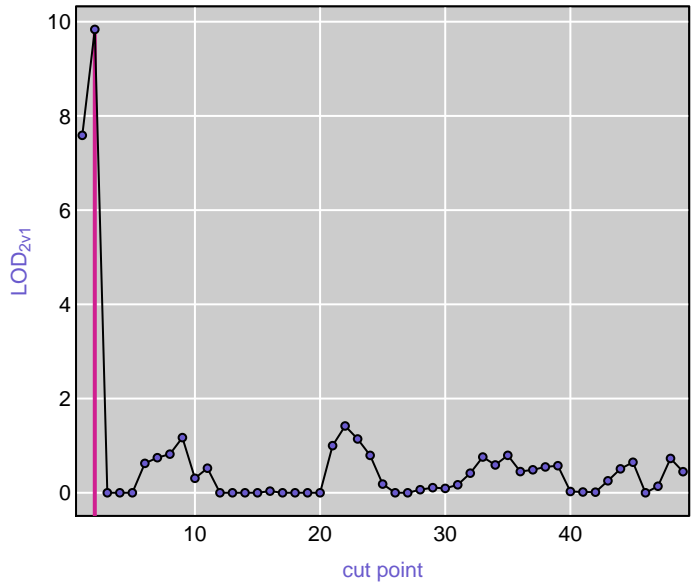
LDA plot



LOD profile

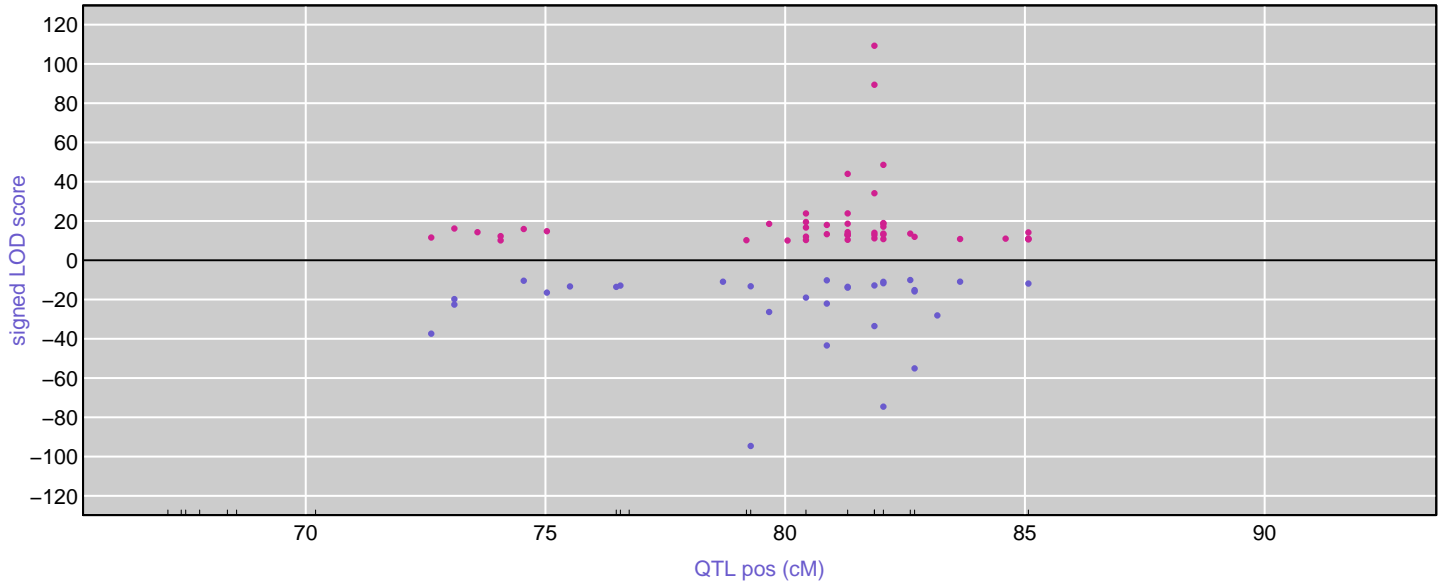


LOD<sub>2v1</sub> by cut - point

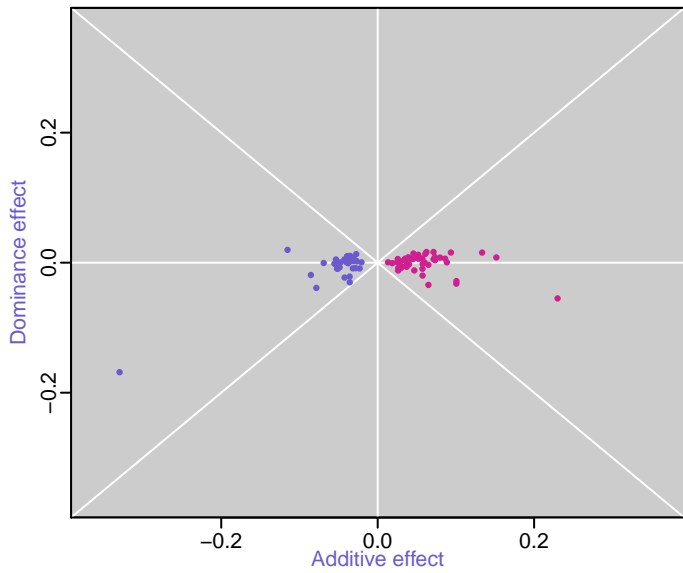


islet chr4 @ 81 p-value=0

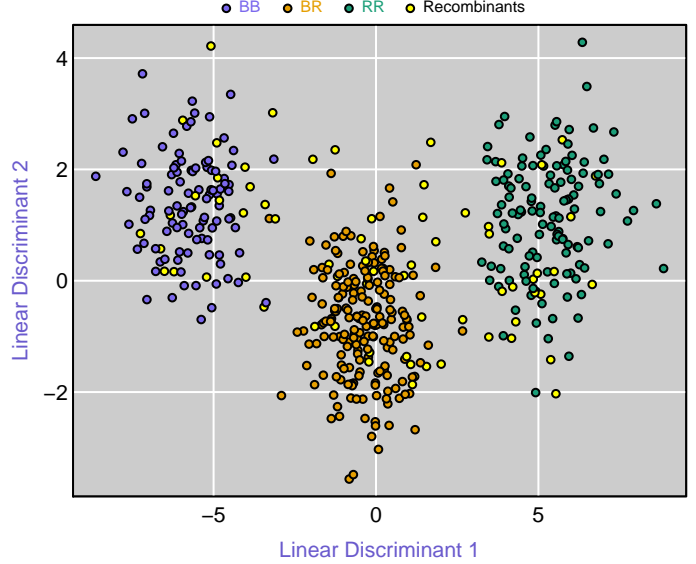
signed LOD



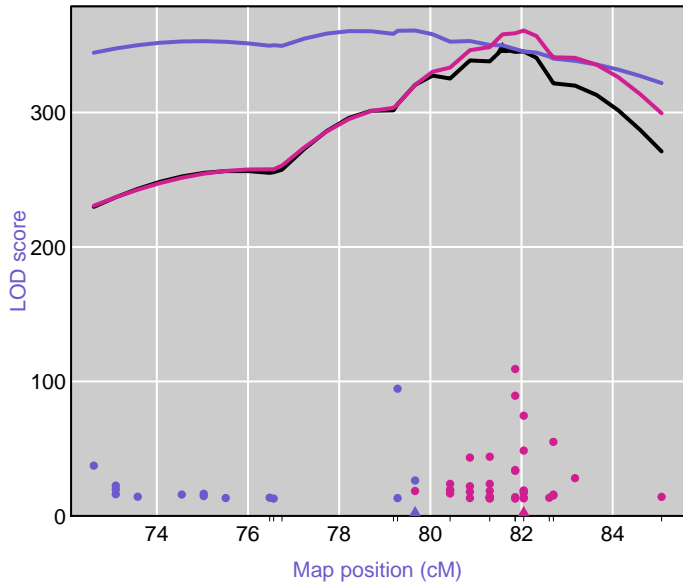
Inheritance Pattern



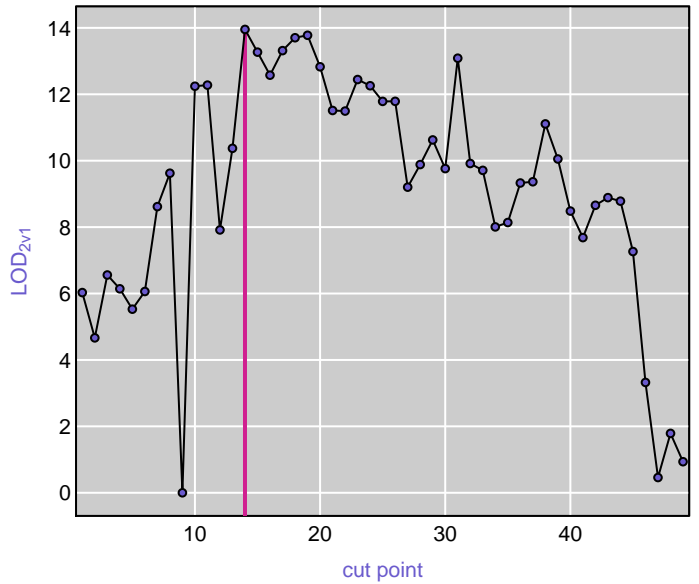
LDA plot



LOD profile

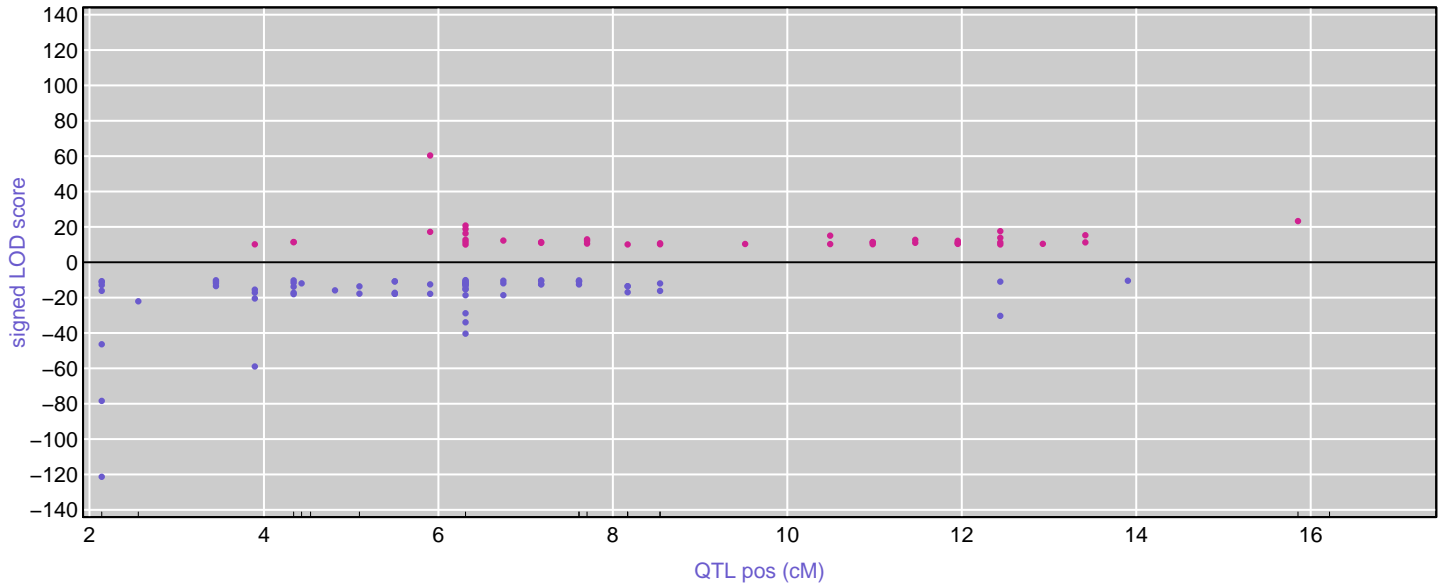


LOD<sub>2v1</sub> by cut-point

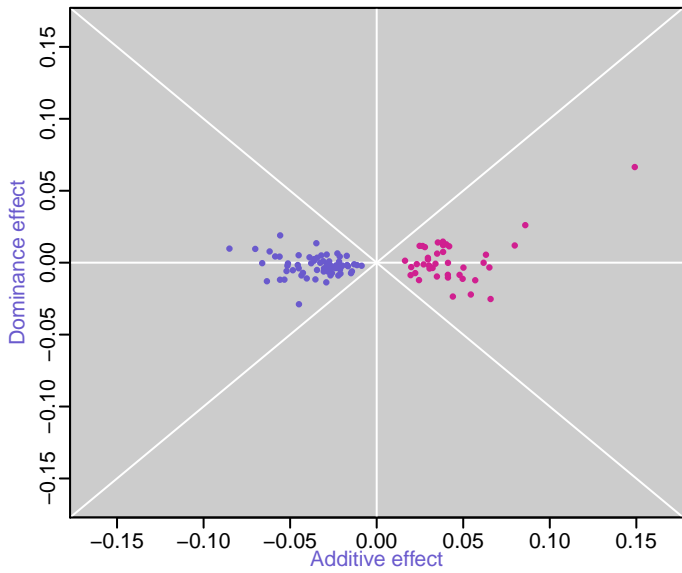


islet chr7 @ 6 p-value=0

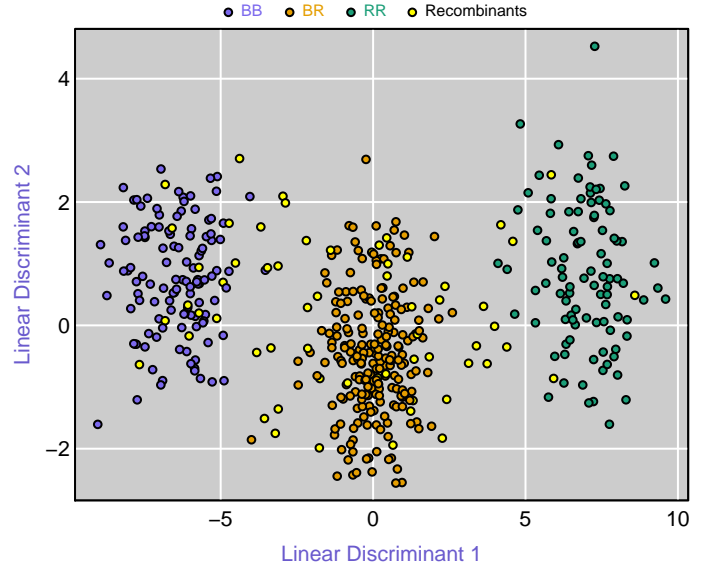
signed LOD



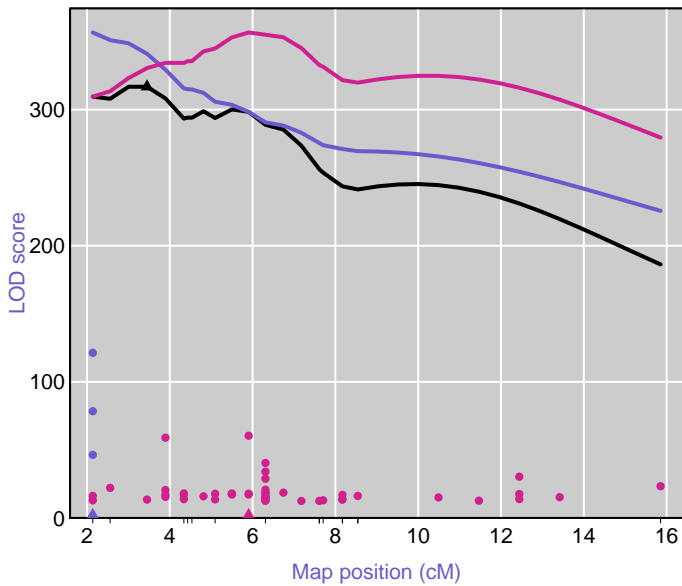
Inheritance Pattern



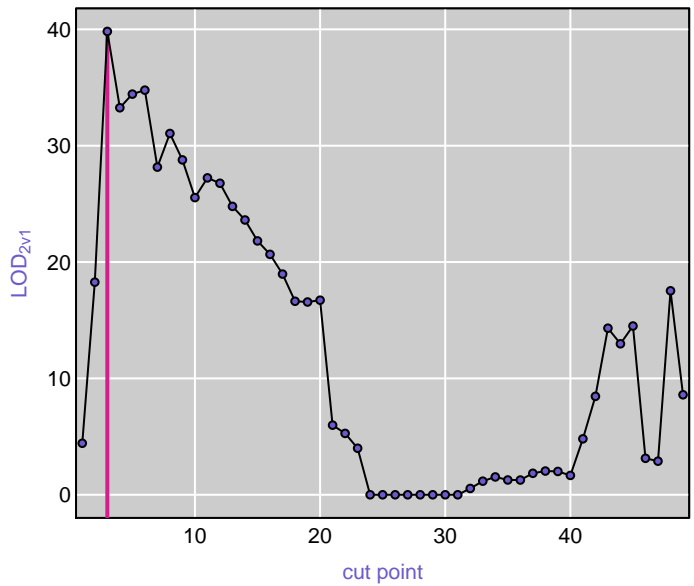
LDA plot



LOD profile

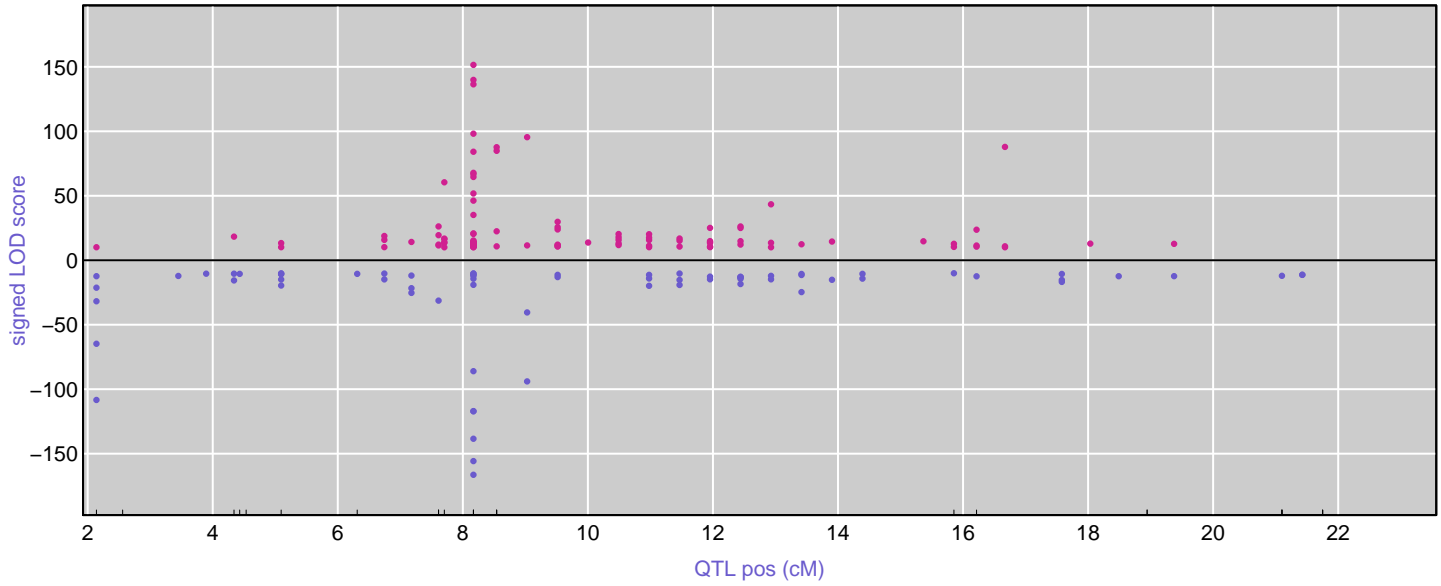


LOD<sub>2v1</sub> by cut - point

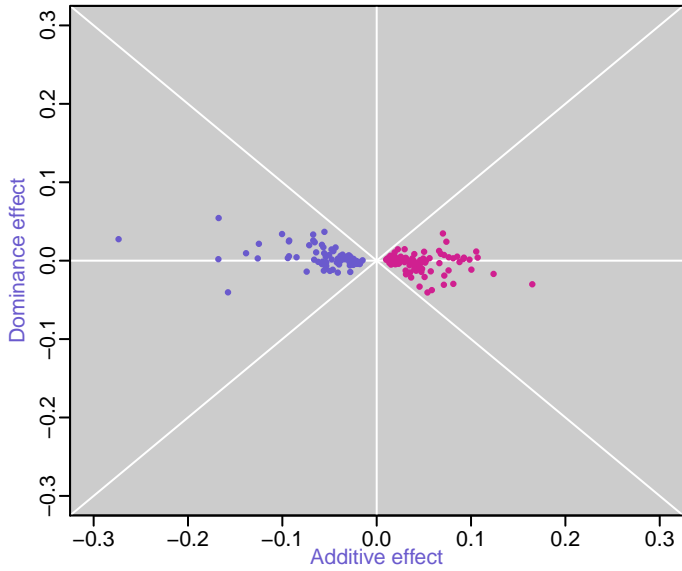


liver chr7 @ 8 p-value=0

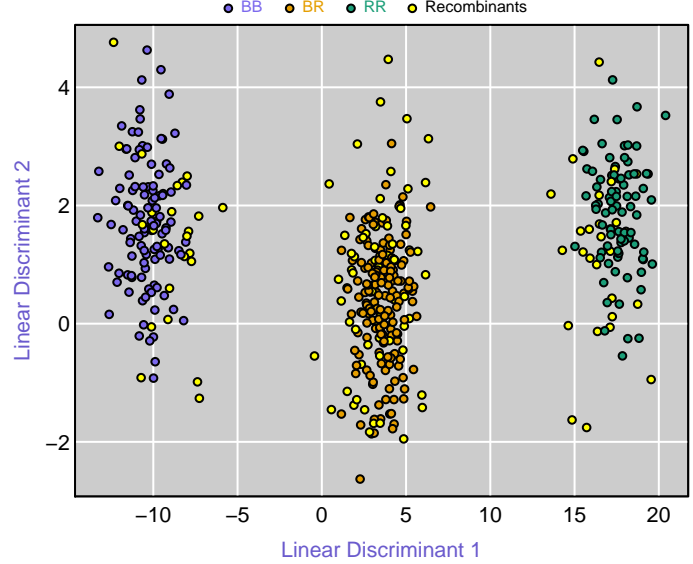
signed LOD



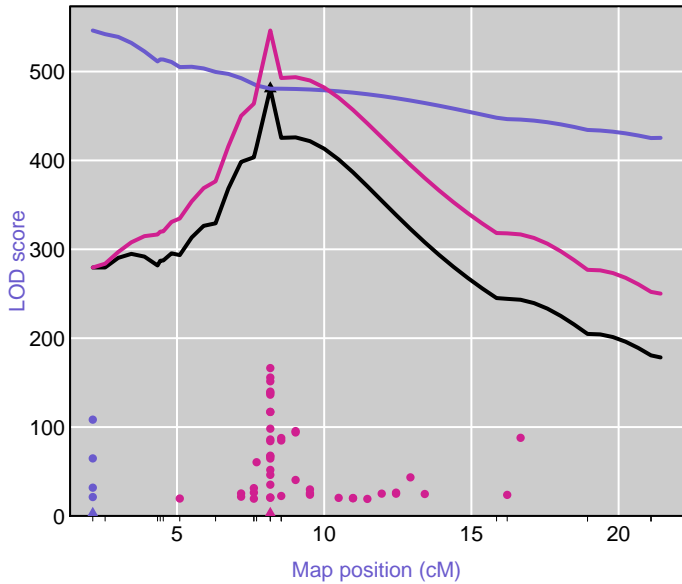
Inheritance Pattern



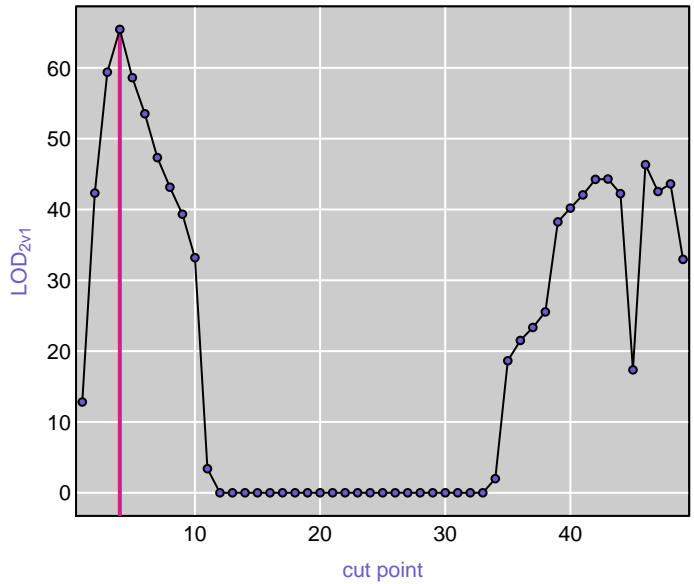
LDA plot



LOD profile



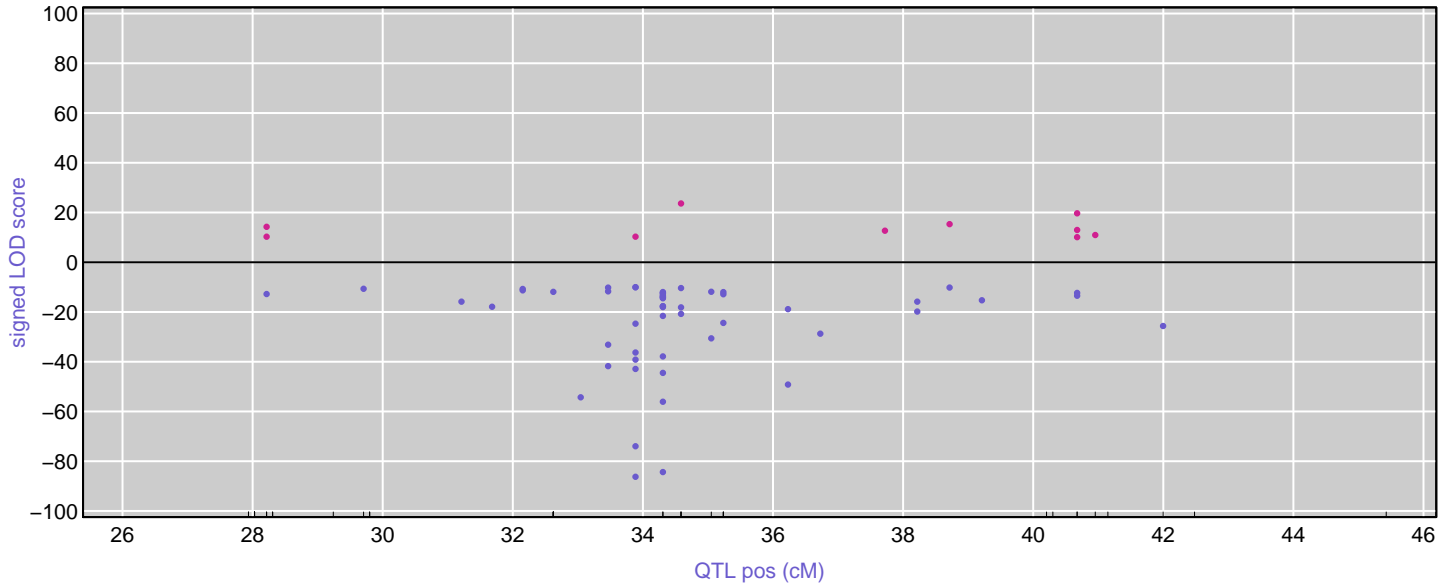
LOD<sub>2v1</sub> by cut - point



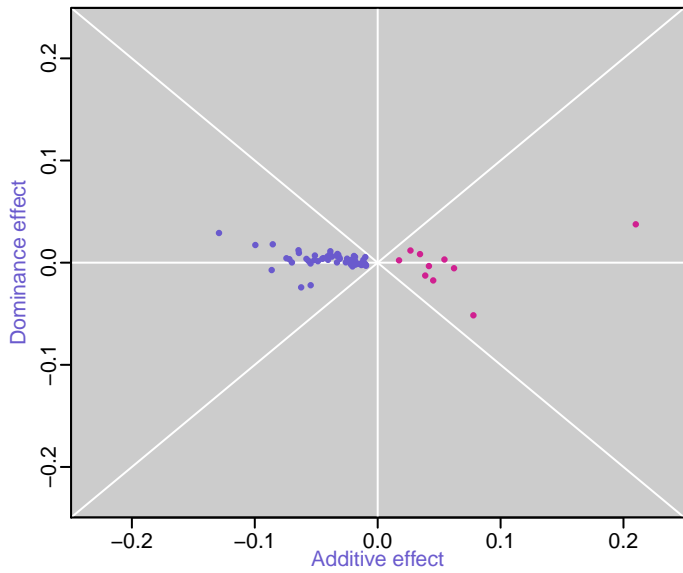


islet chr8 @ 34 p-value=0

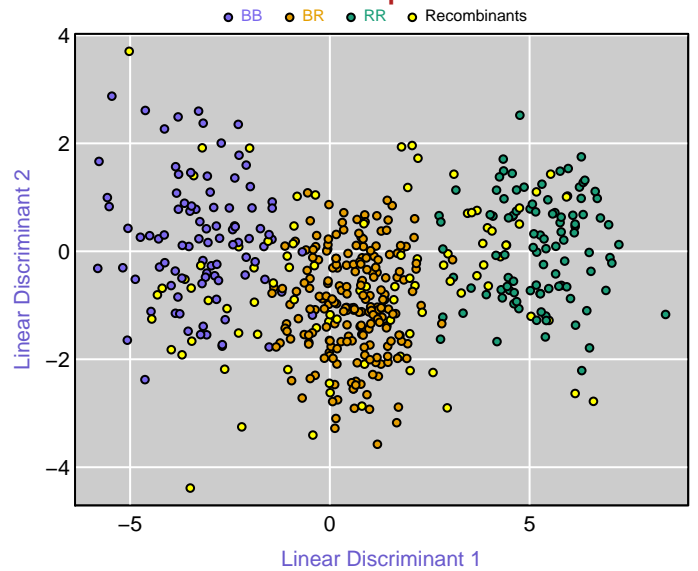
signed LOD



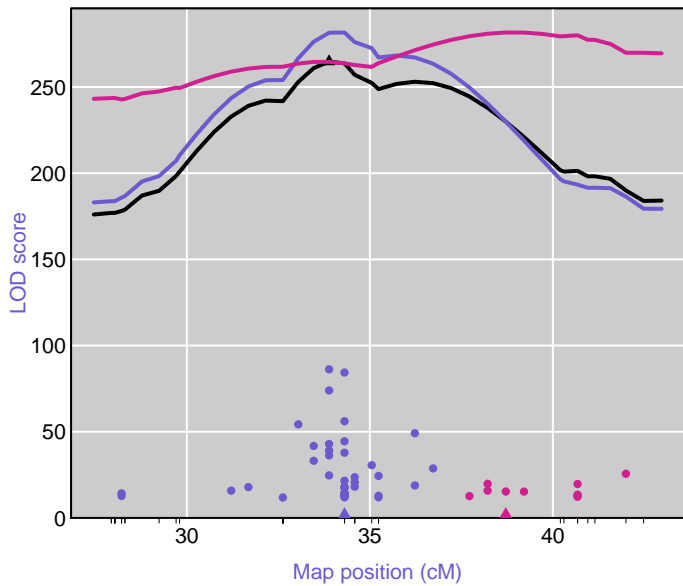
Inheritance Pattern



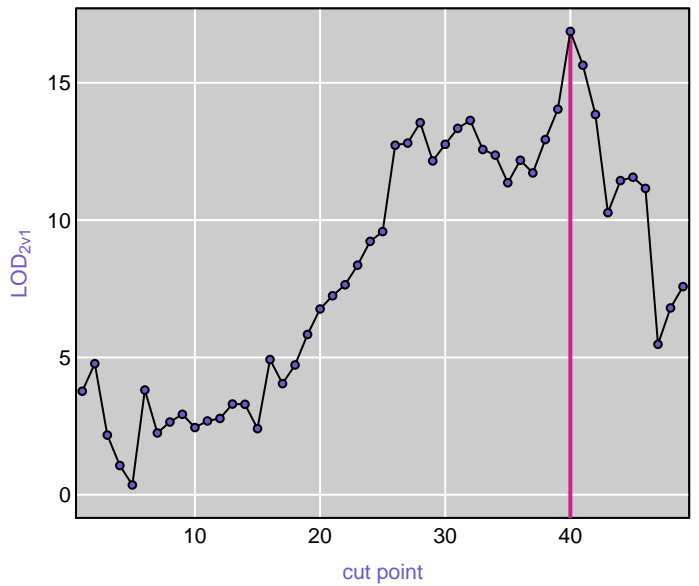
LDA plot



LOD profile

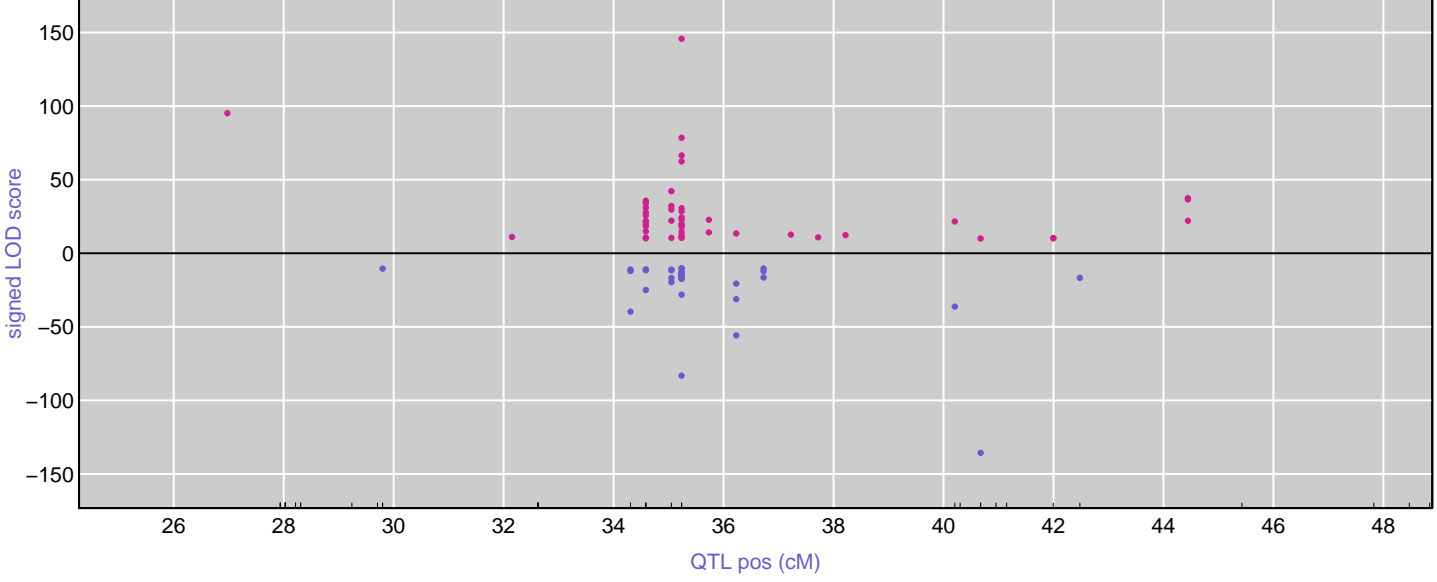


LOD<sub>2v1</sub> by cut - point

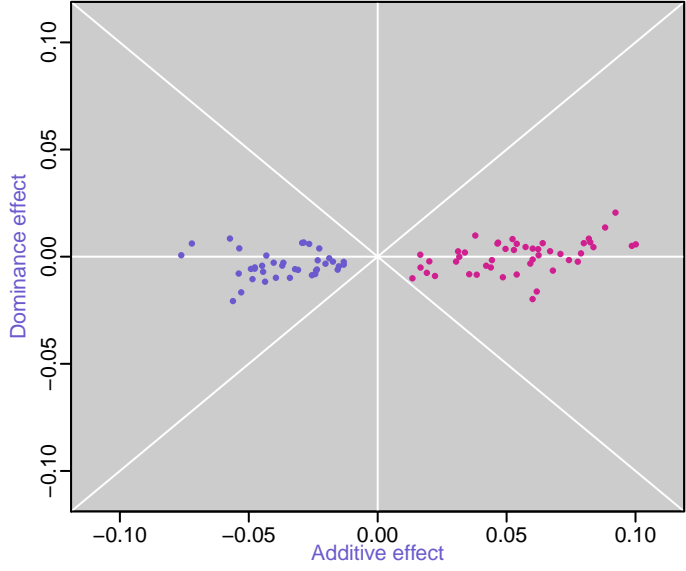


adipose chr8 @ 35 p-value=0

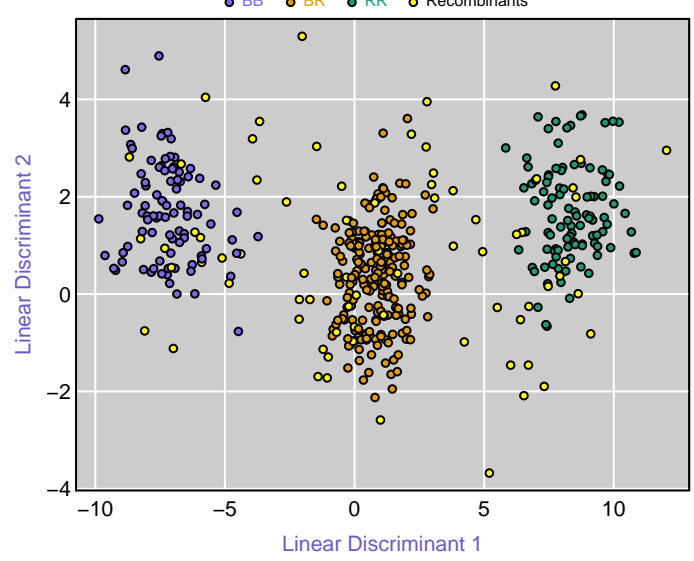
signed LOD



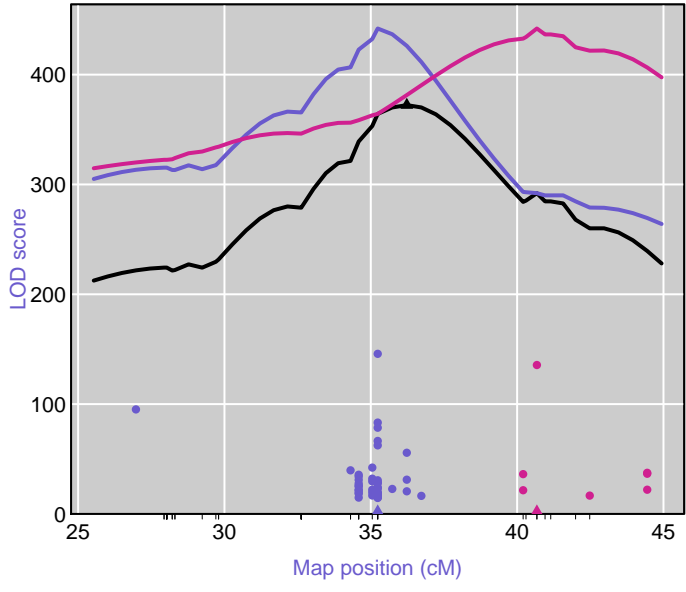
Inheritance Pattern



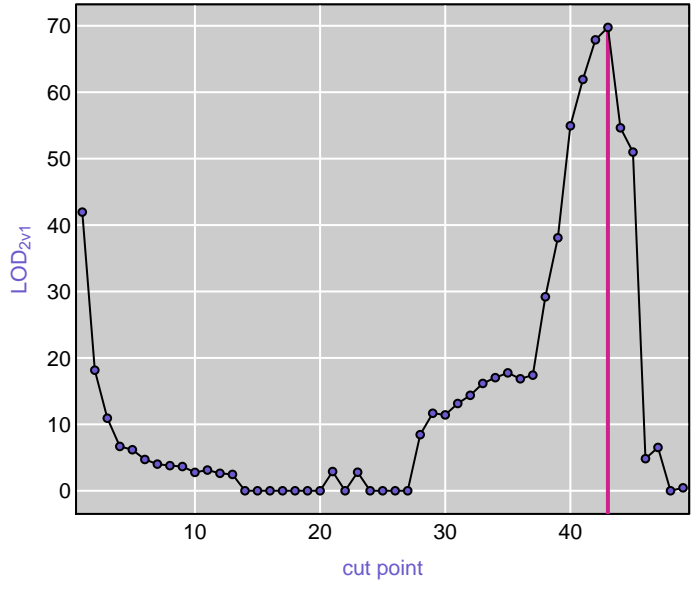
LDA plot



LOD profile

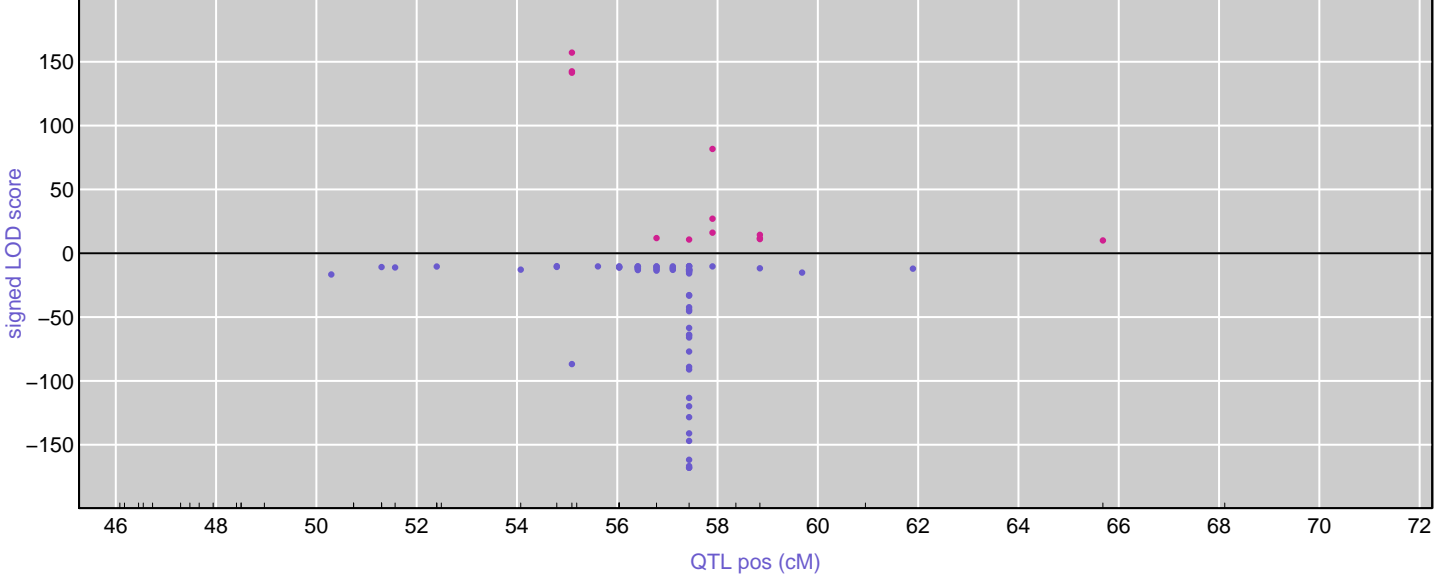


LOD<sub>2v1</sub> by cut - point

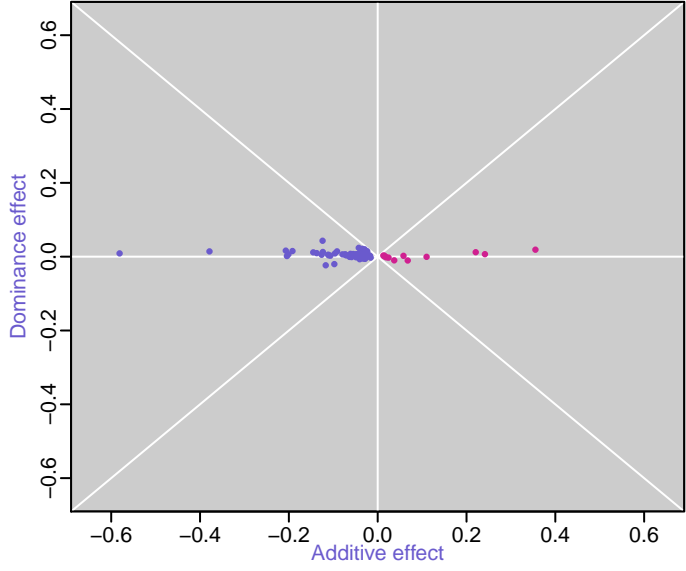


adipose chr9 @ 57 p-value=0

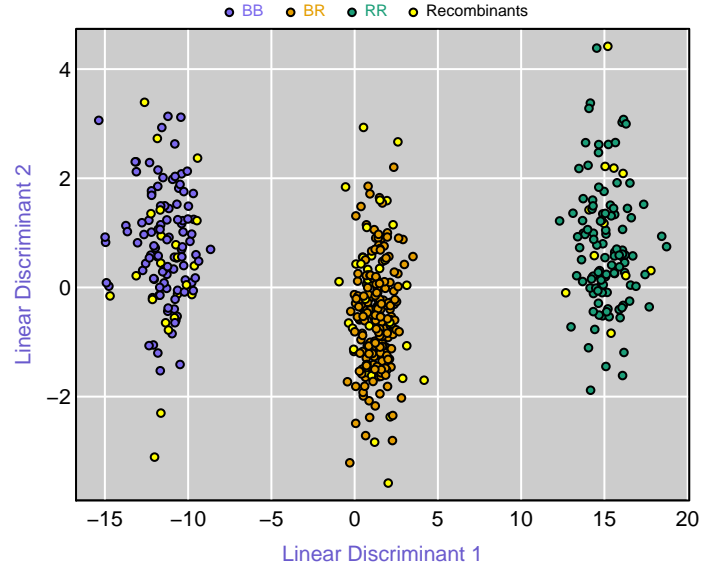
signed LOD



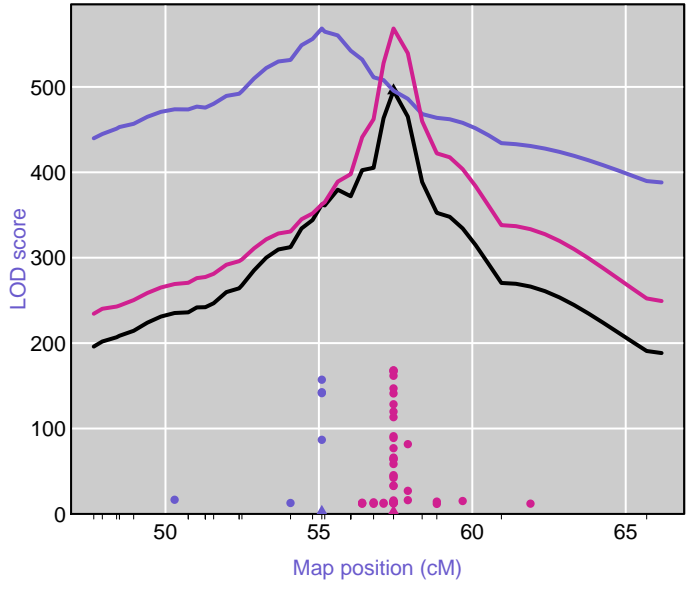
Inheritance Pattern



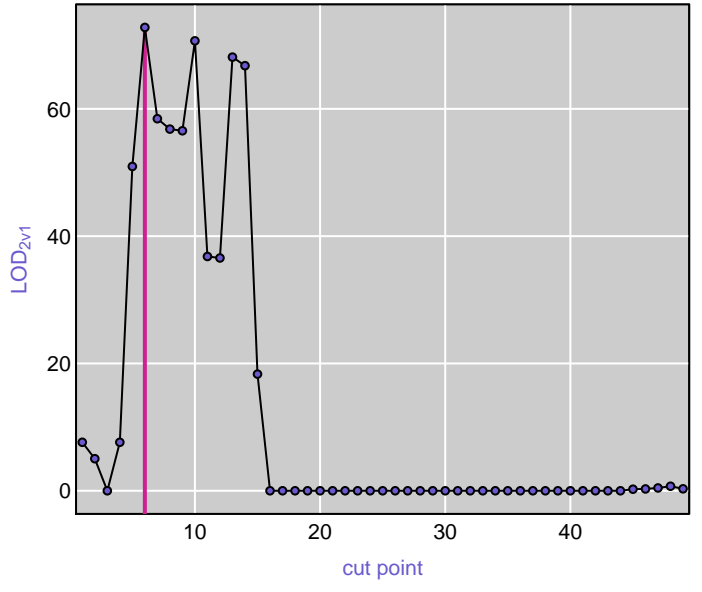
LDA plot



LOD profile

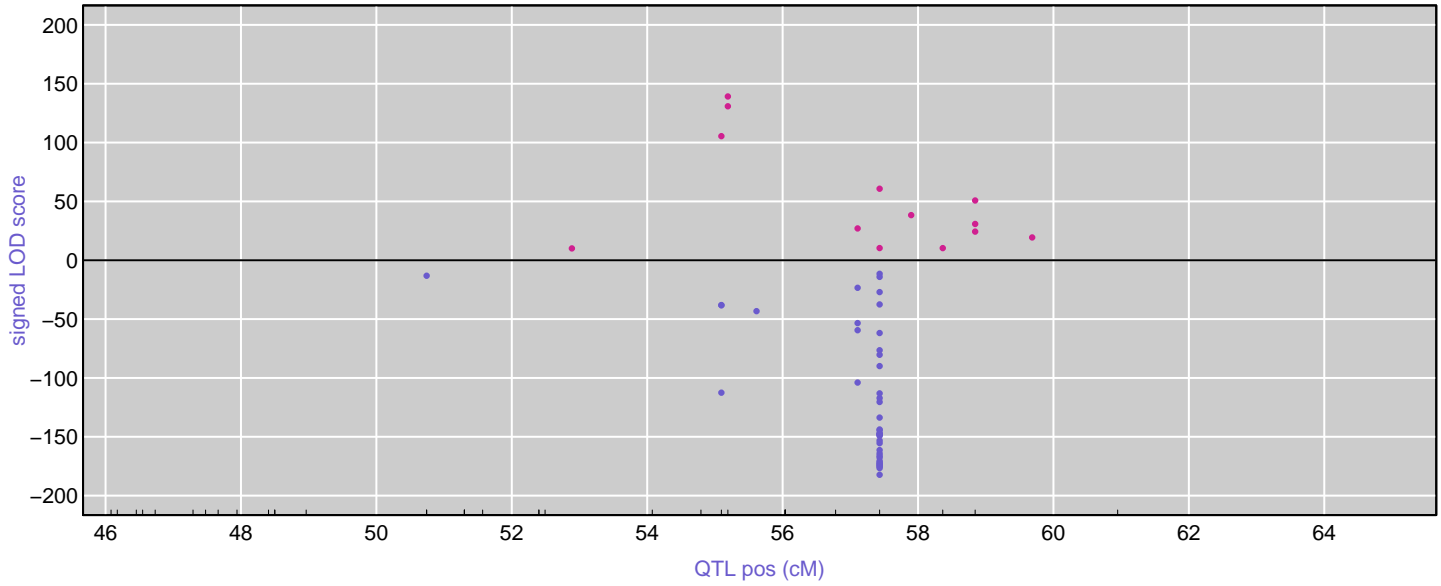


LOD<sub>2v1</sub> by cut-point

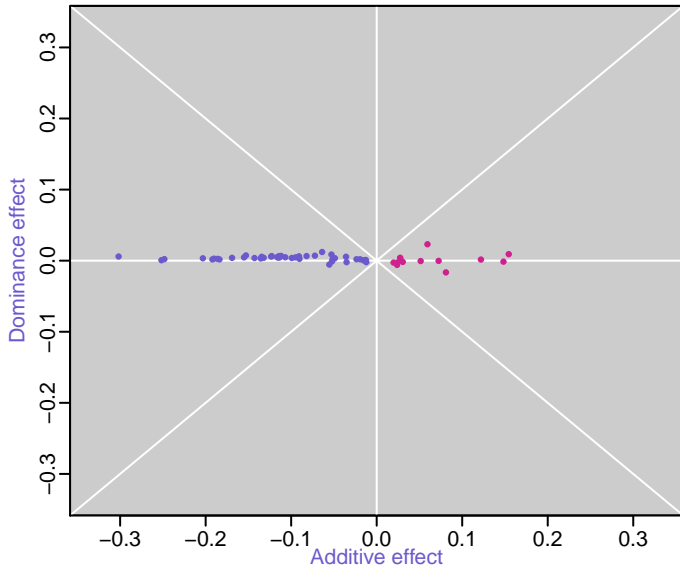


islet chr9 @ 57 p-value=0

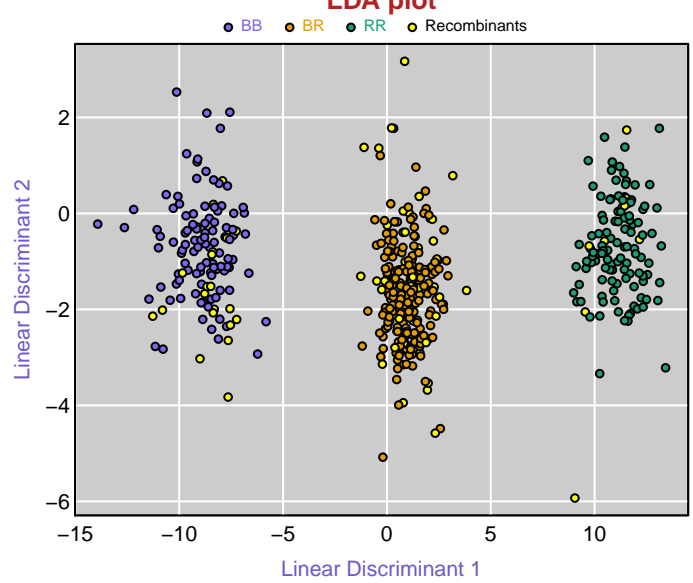
signed LOD



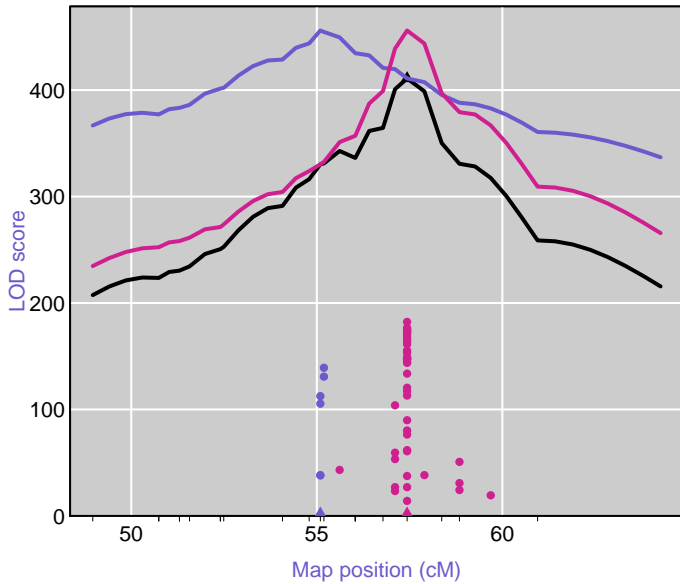
Inheritance Pattern



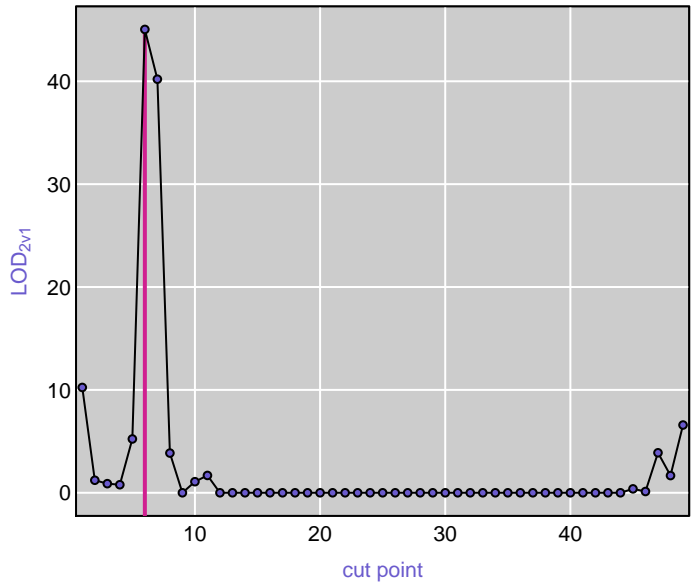
LDA plot



LOD profile

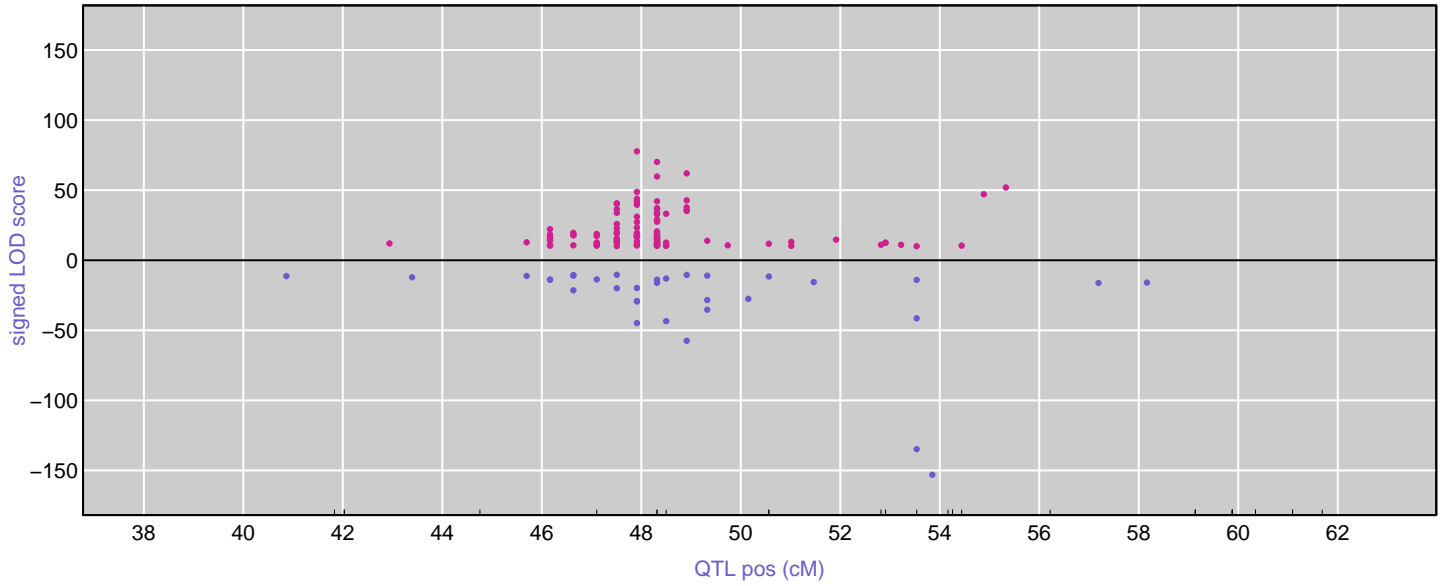


LOD<sub>2v1</sub> by cut - point

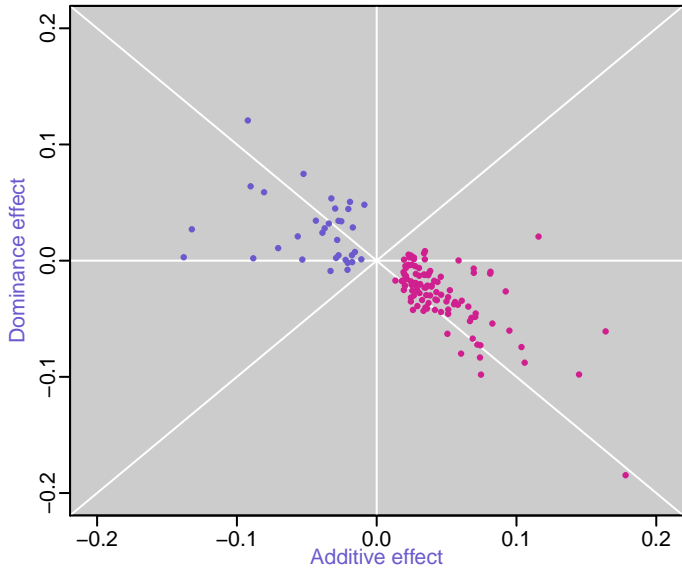


kidney chr10 @ 47 p-value=0

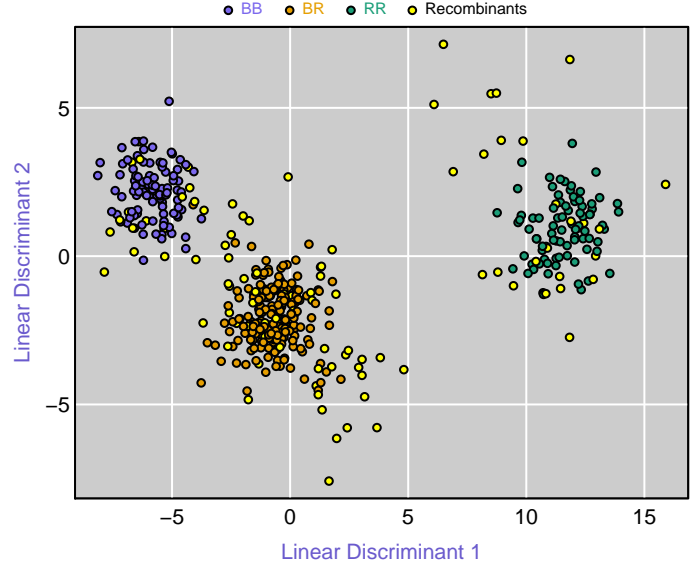
signed LOD



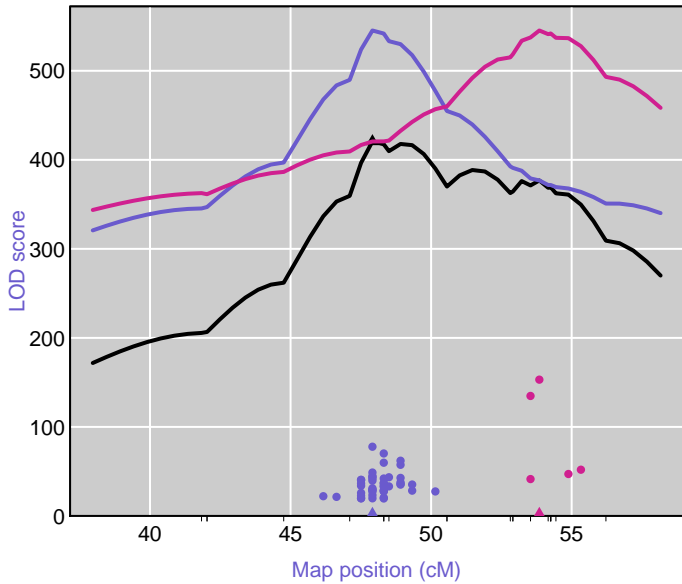
Inheritance Pattern



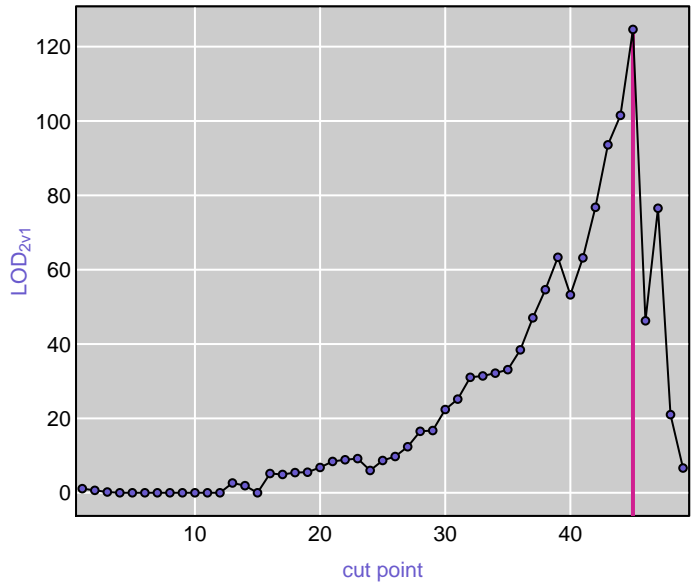
LDA plot



LOD profile

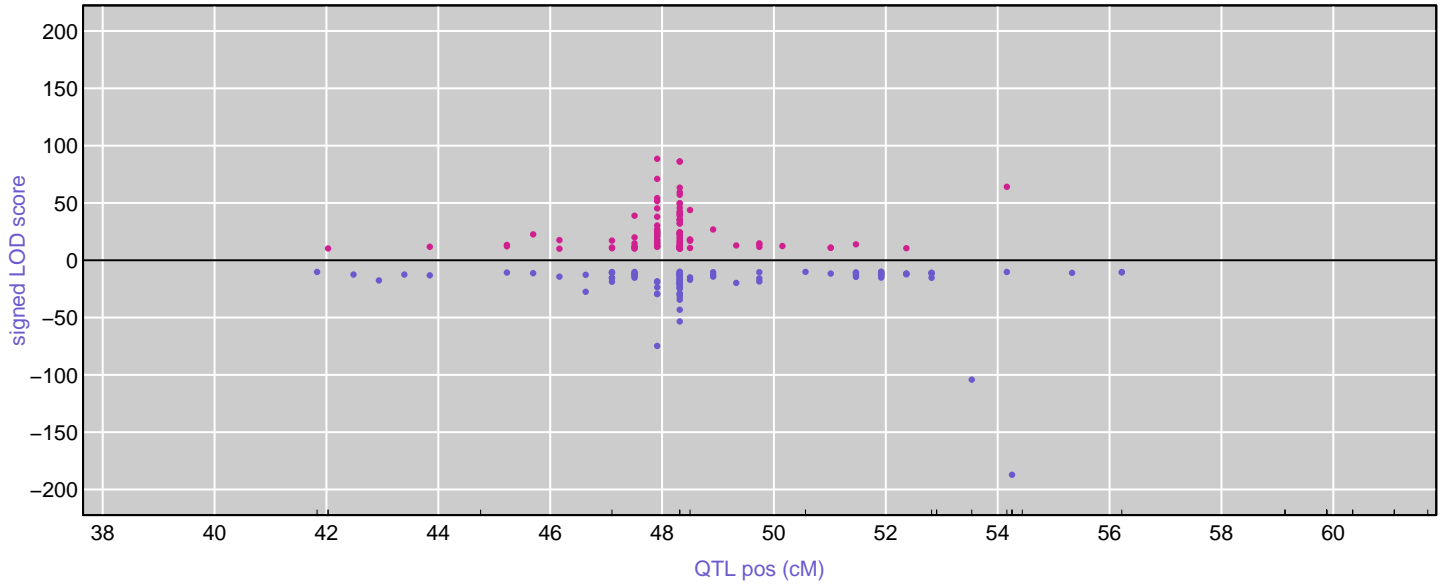


LOD<sub>2v1</sub> by cut - point

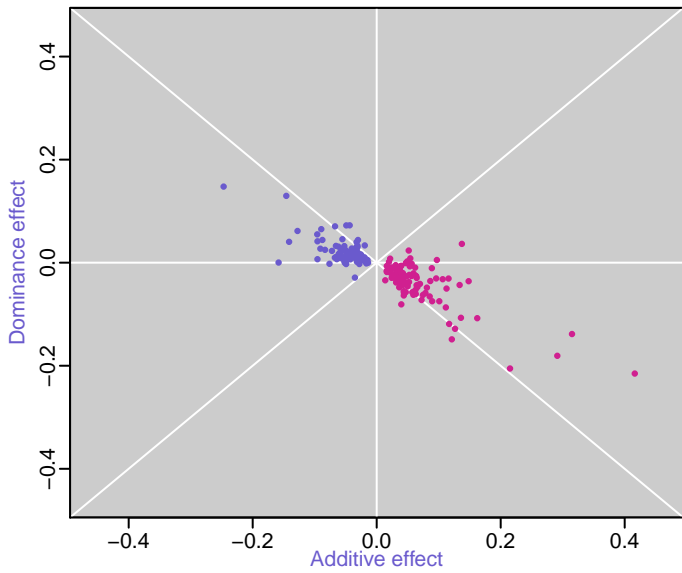


adipose chr10 @ 48 p-value=0

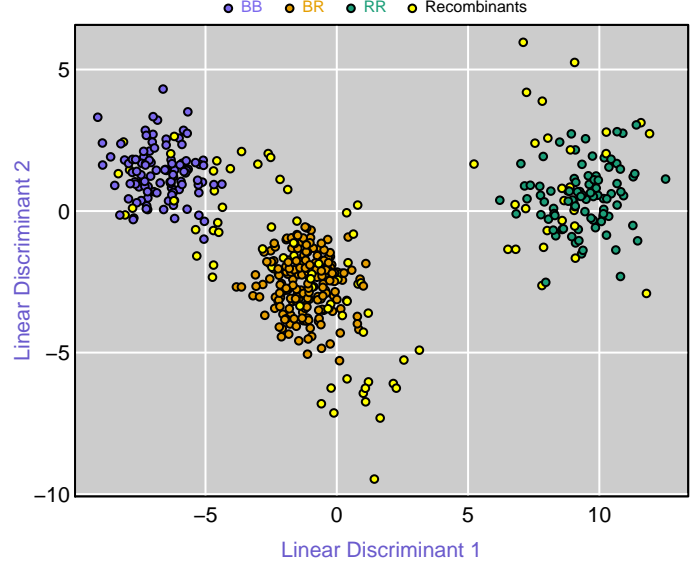
signed LOD



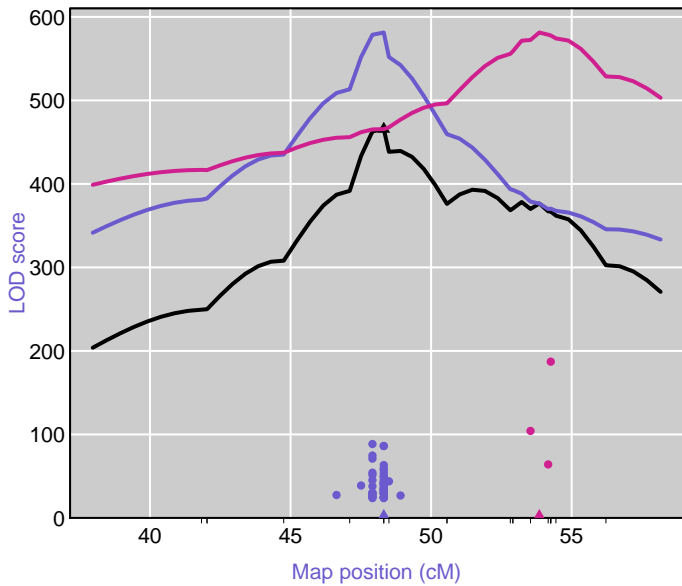
Inheritance Pattern



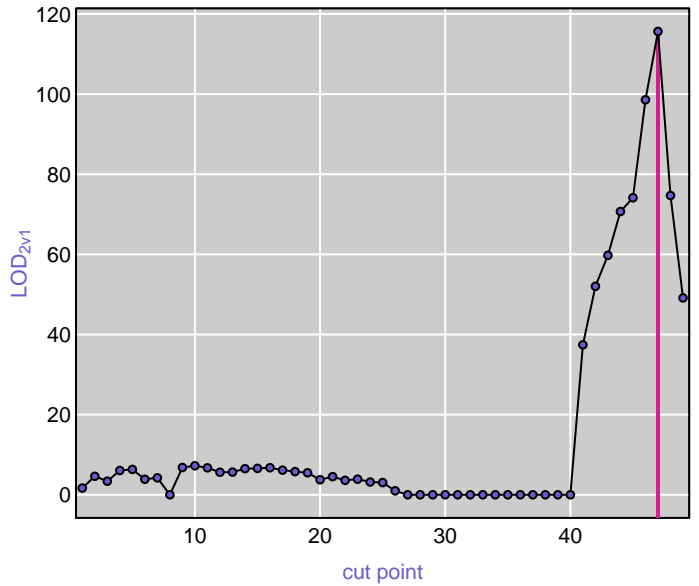
LDA plot



LOD profile

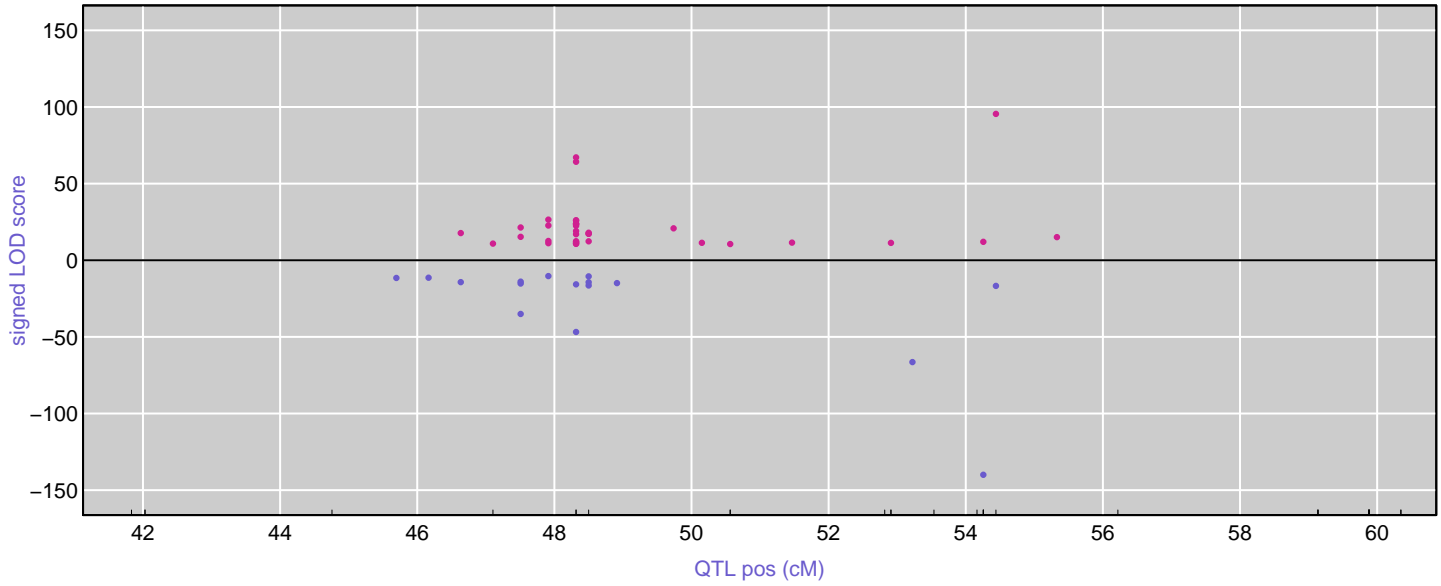


LOD<sub>2v1</sub> by cut - point

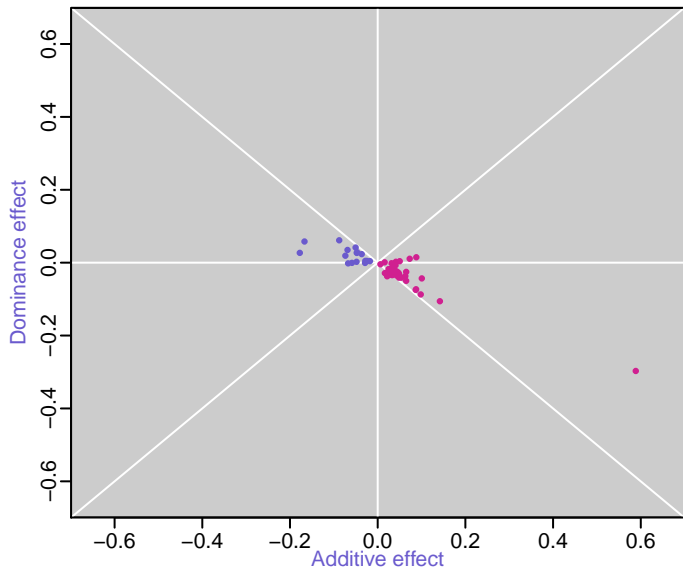


liver chr10 @ 50 p-value=0

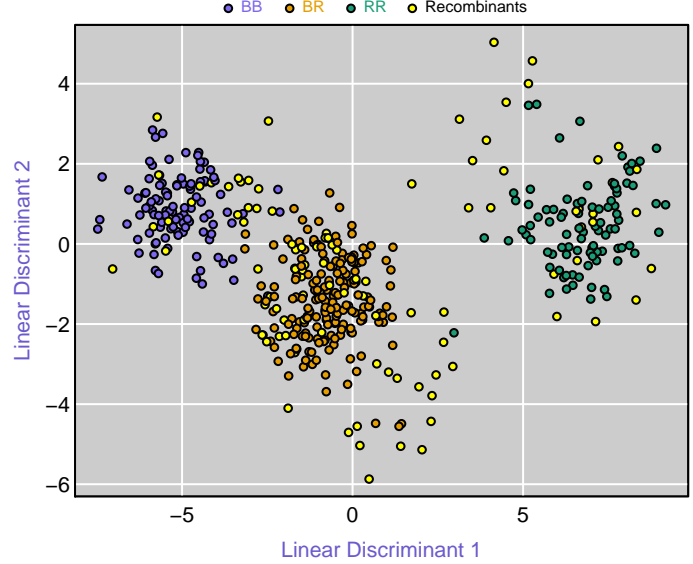
signed LOD



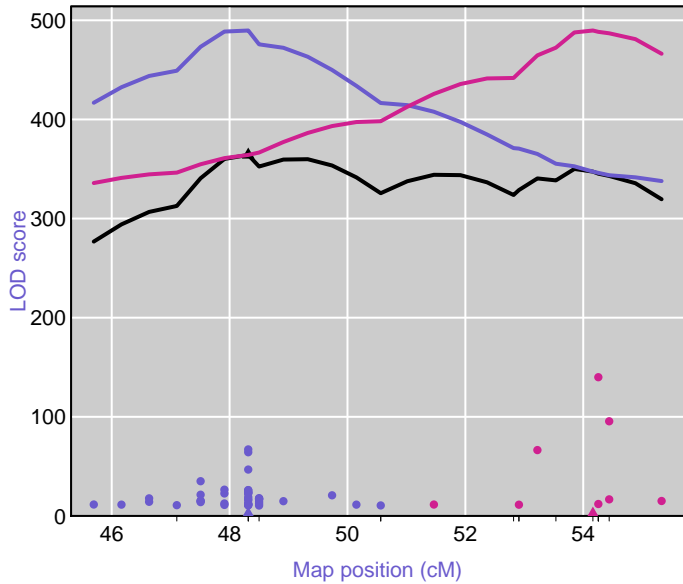
Inheritance Pattern



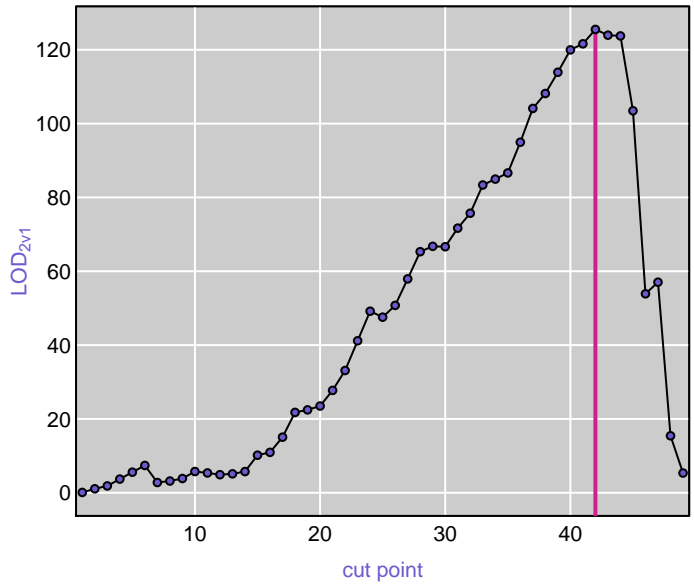
LDA plot



LOD profile

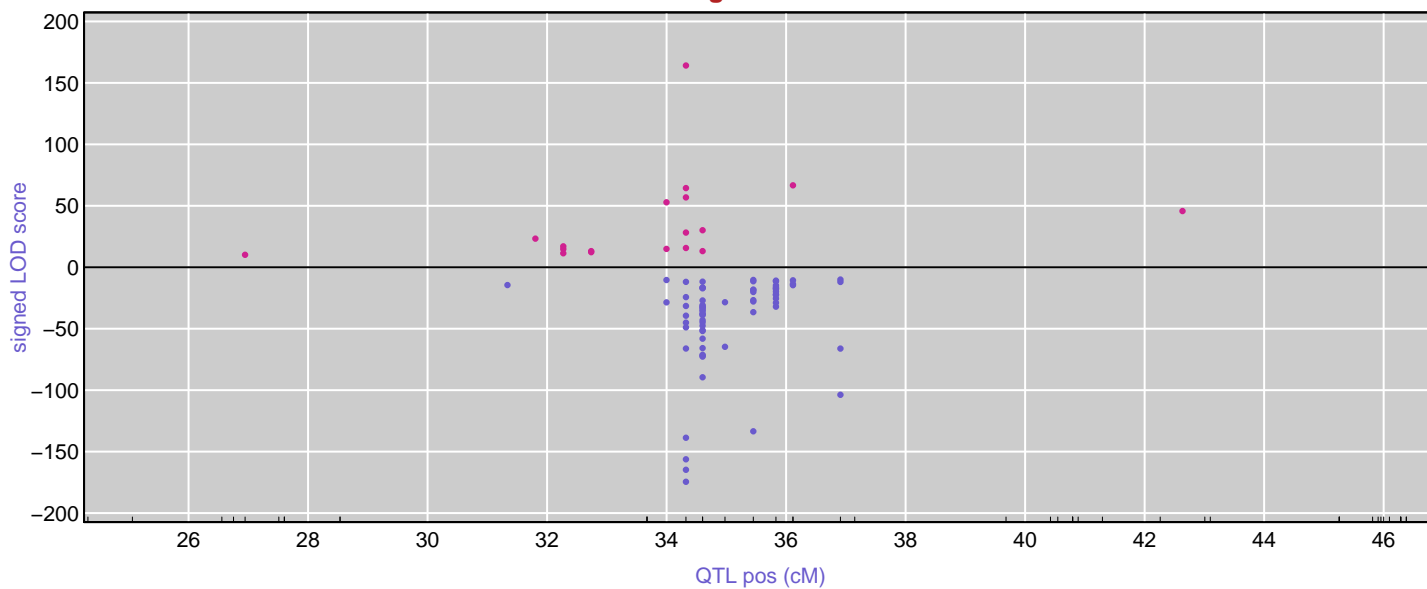


LOD<sub>2v1</sub> by cut - point

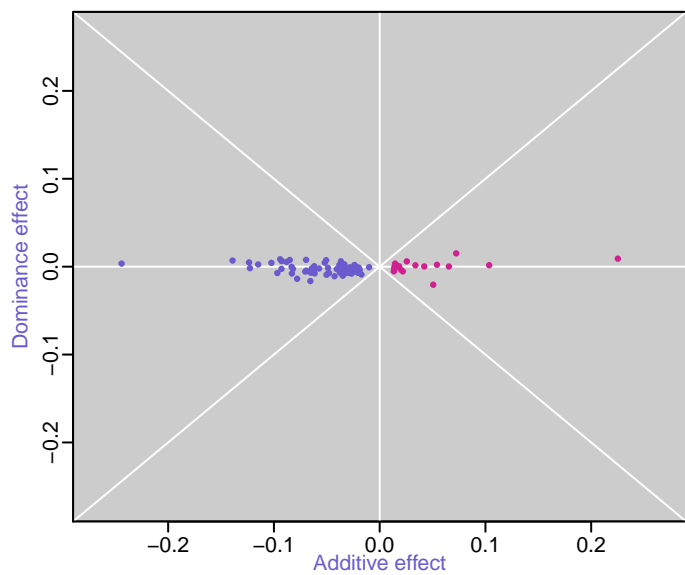


adipose chr11 @ 34 p-value=0

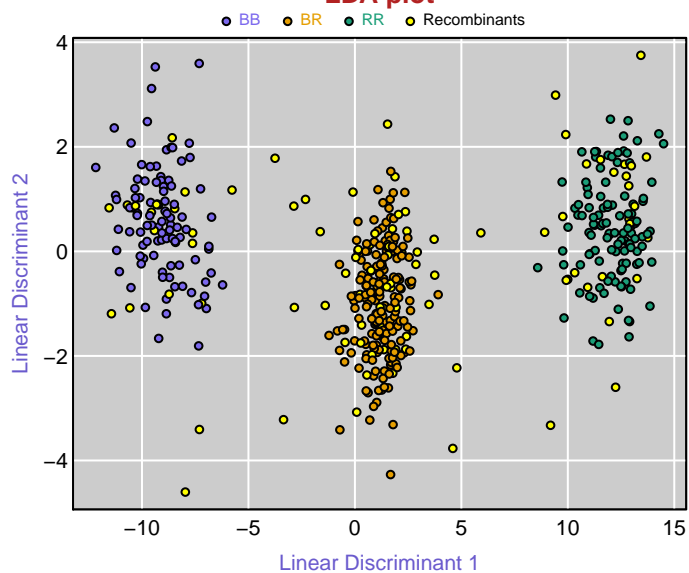
signed LOD



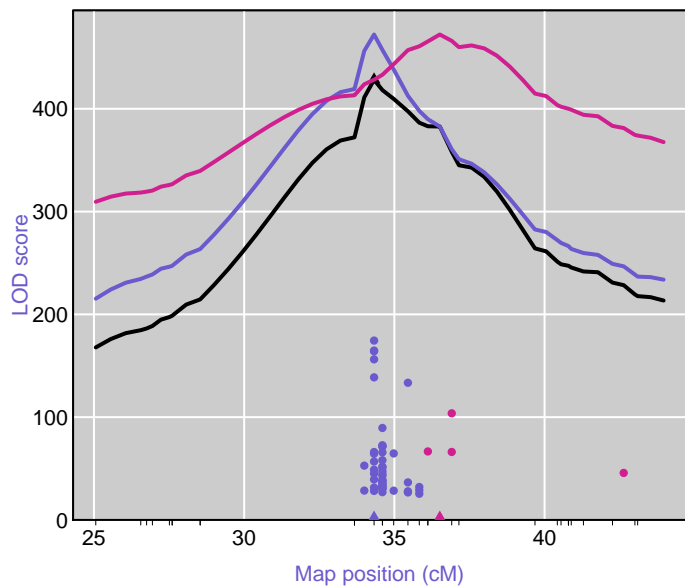
Inheritance Pattern



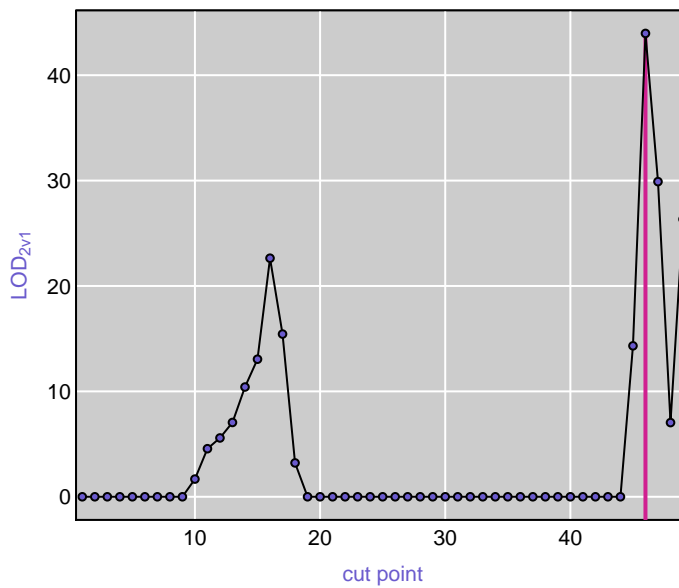
LDA plot



LOD profile



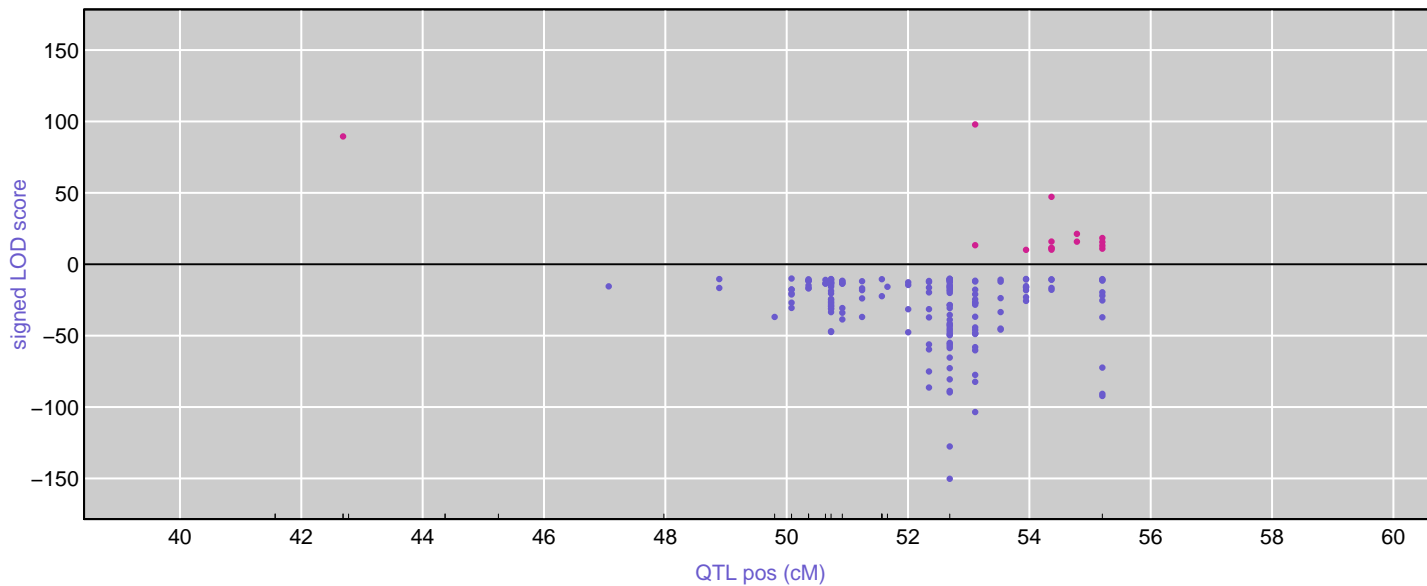
LOD<sub>2v1</sub> by cut - point



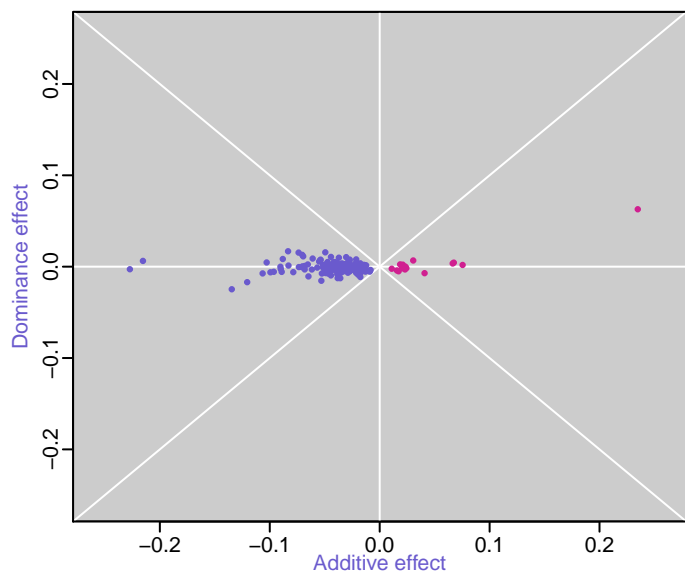


liver chr12 @ 52 p-value=0

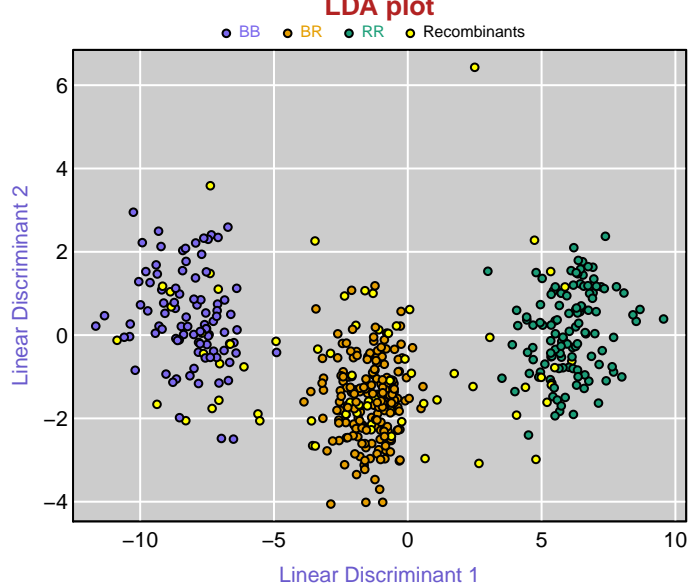
signed LOD



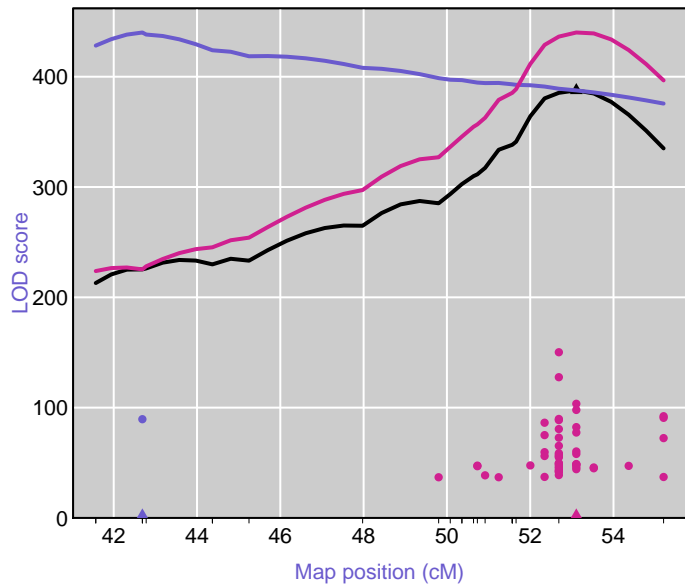
Inheritance Pattern



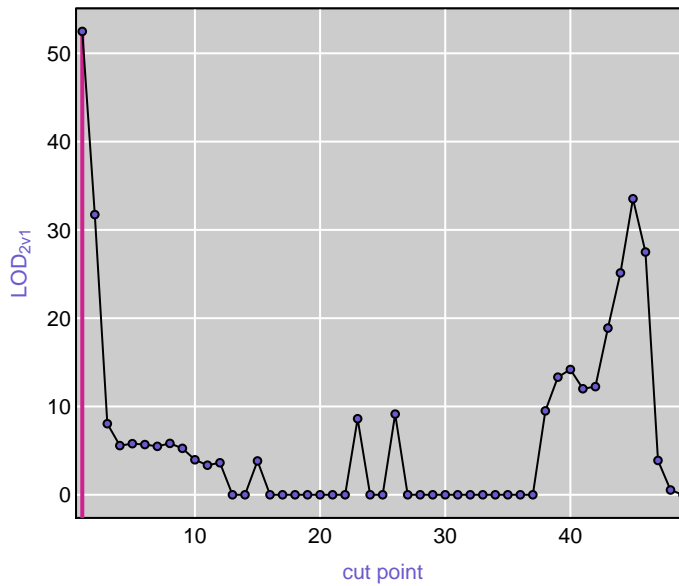
LDA plot



LOD profile

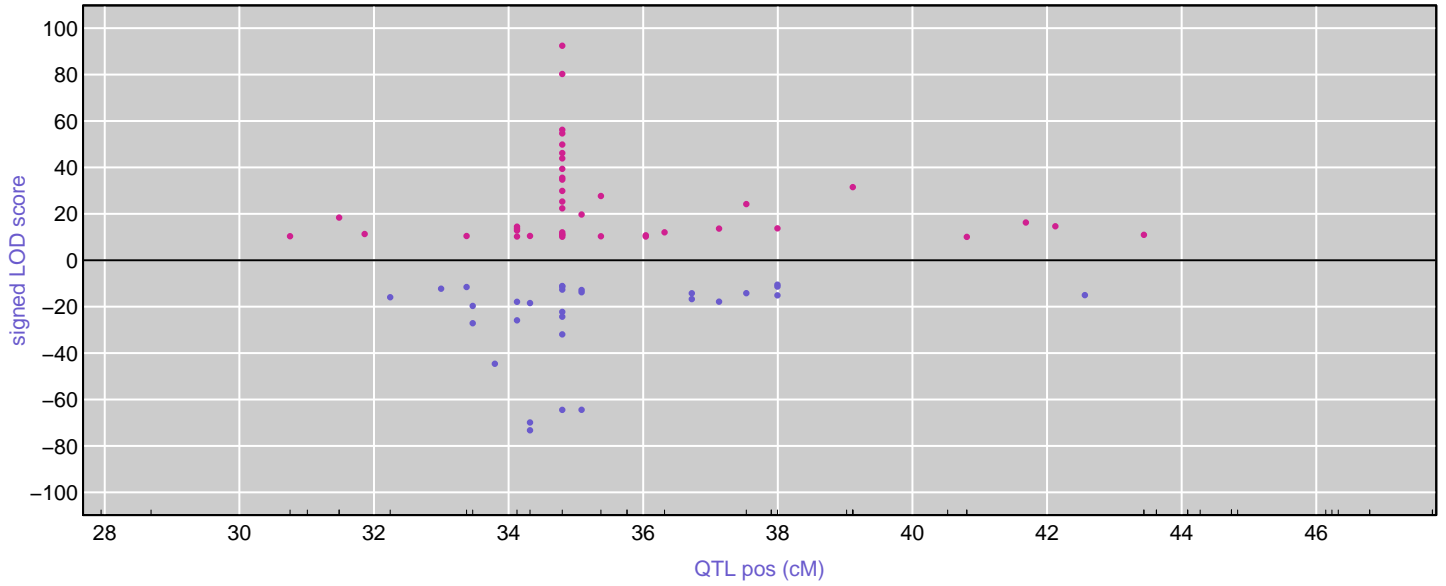


LOD<sub>2v1</sub> by cut - point

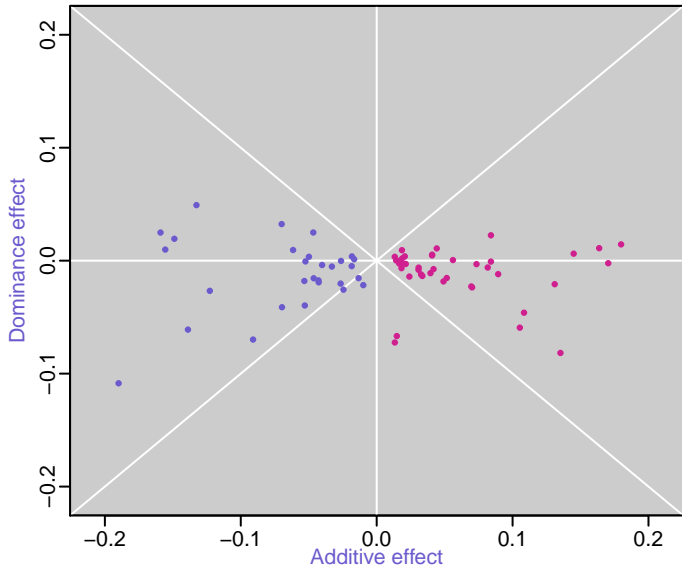


islet chr13 @ 34 p-value=0

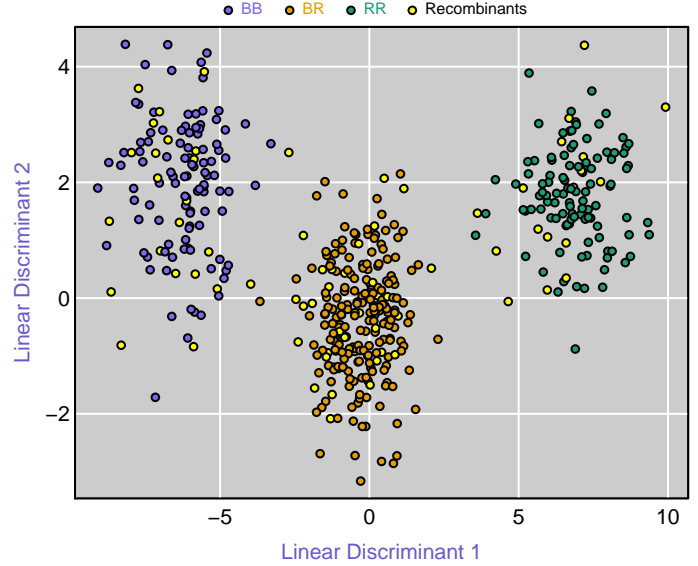
signed LOD



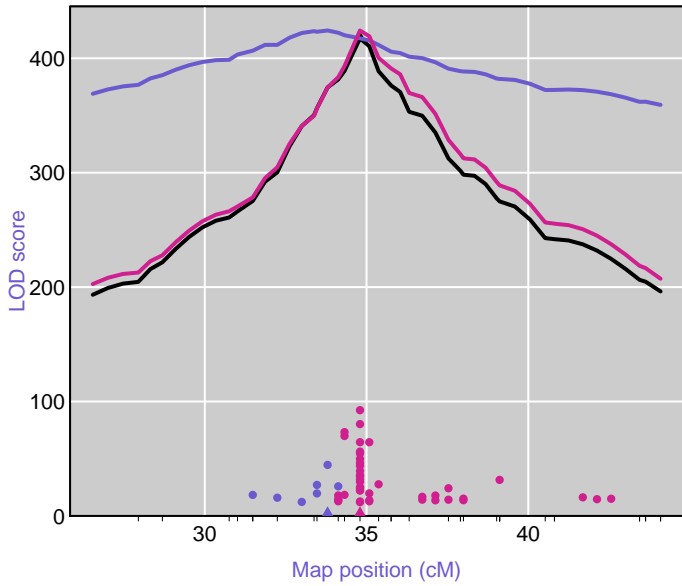
Inheritance Pattern



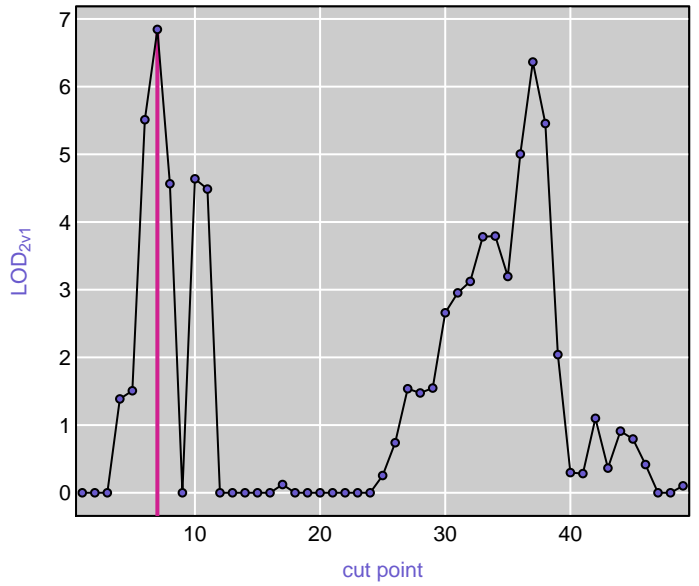
LDA plot



LOD profile

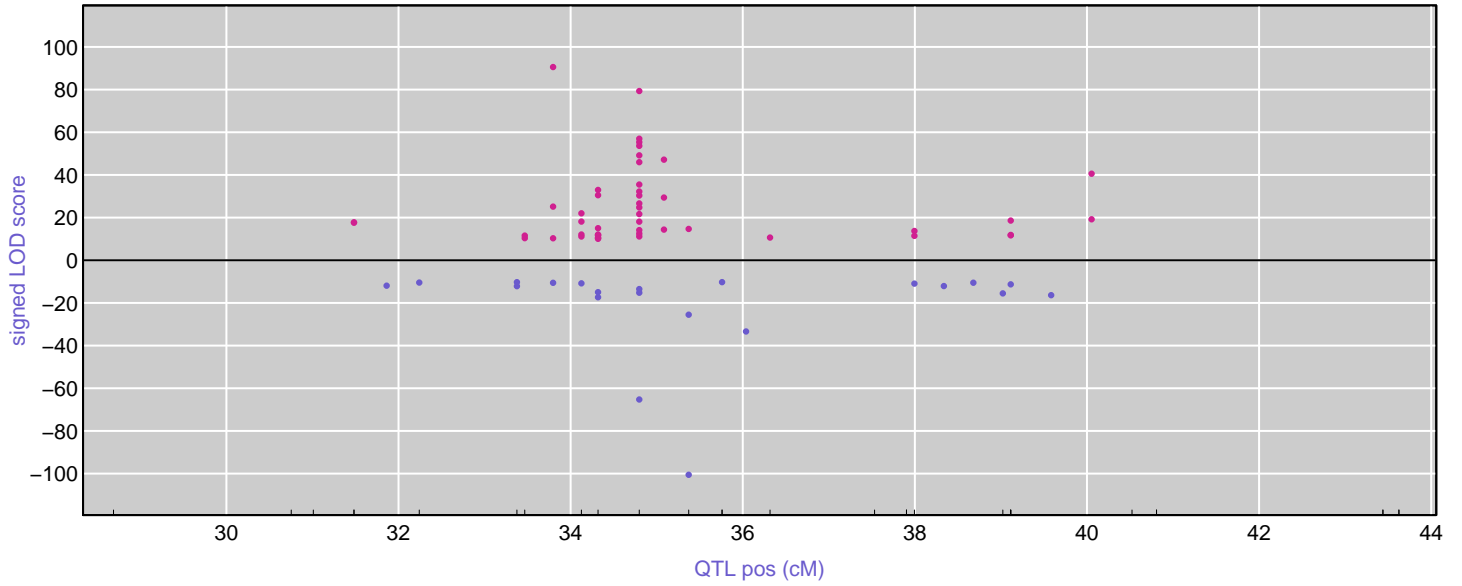


LOD<sub>2v1</sub> by cut - point

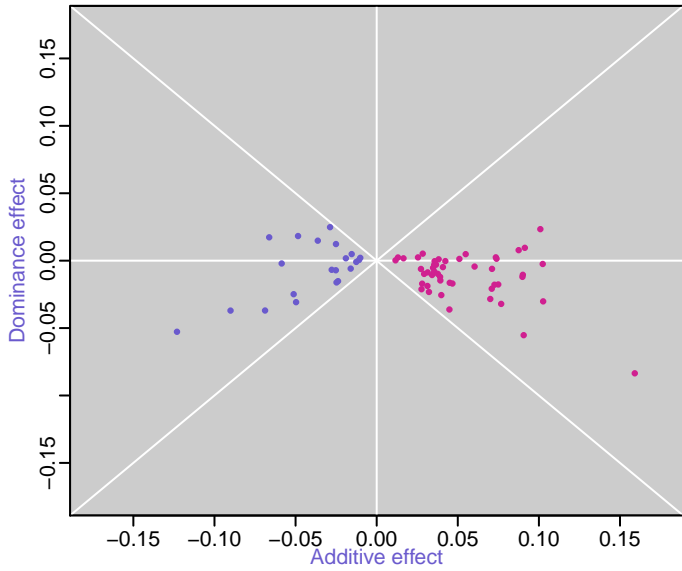


**kidney chr13 @ 34 p-value=0**

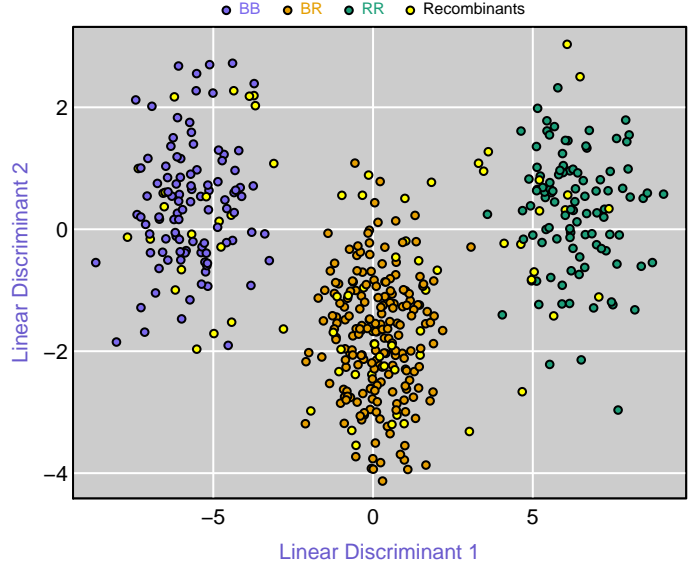
**signed LOD**



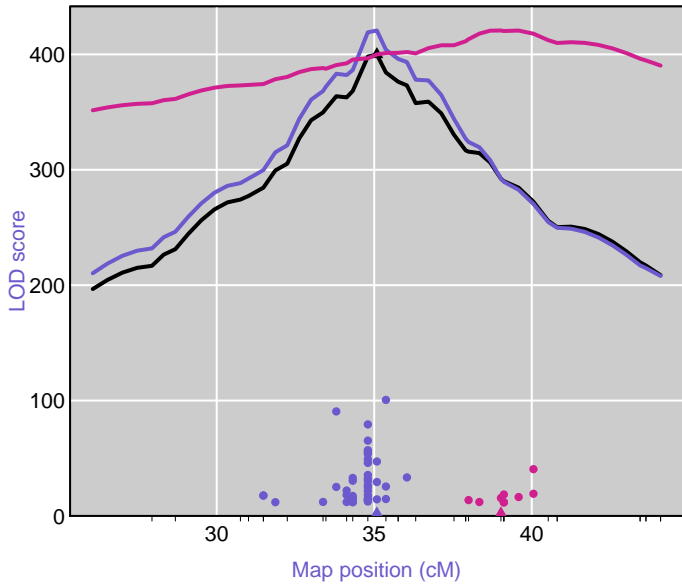
**Inheritance Pattern**



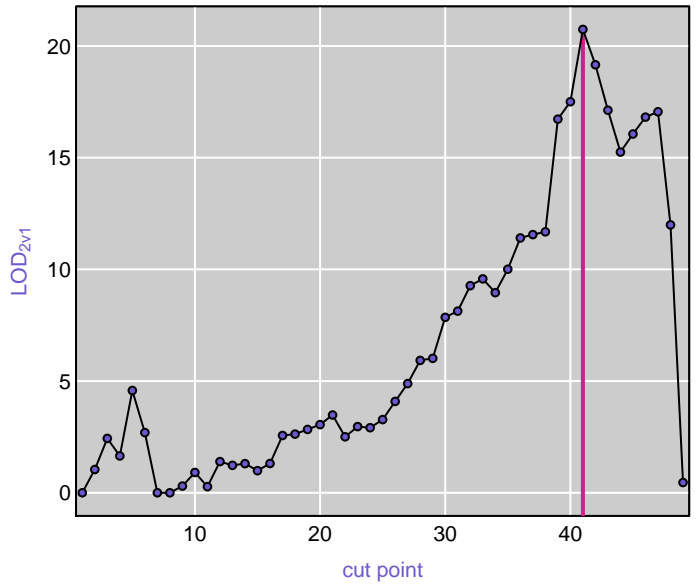
**LDA plot**



**LOD profile**

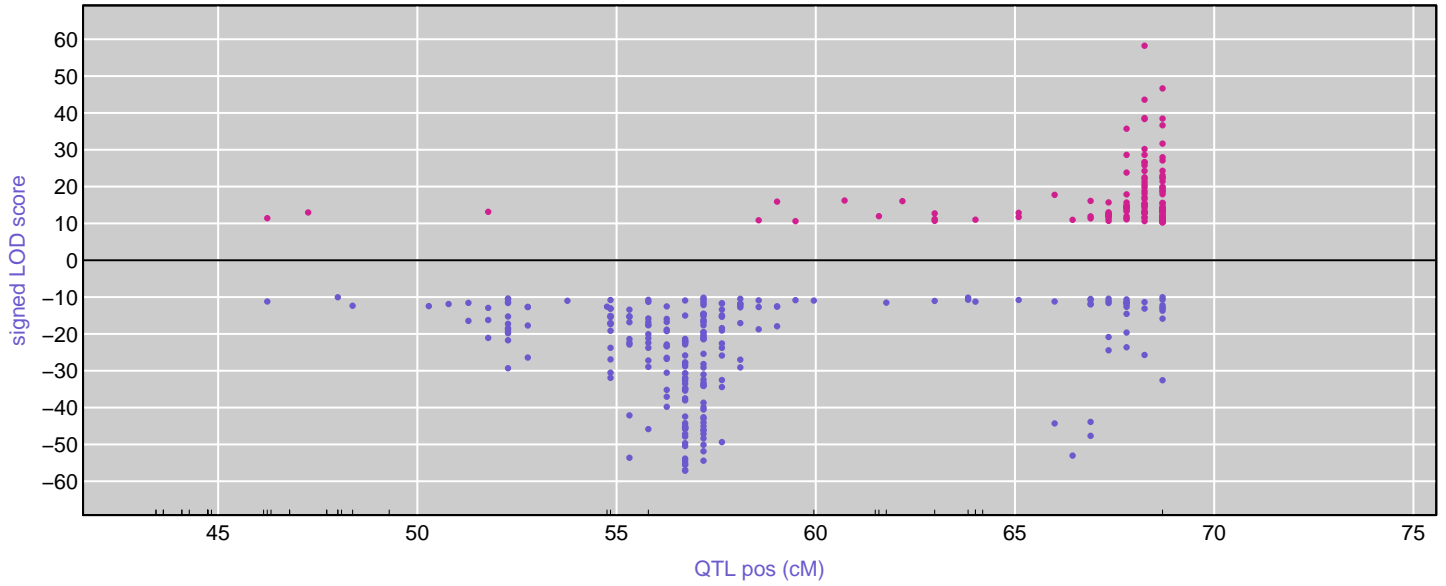


**LOD<sub>2v1</sub> by cut - point**

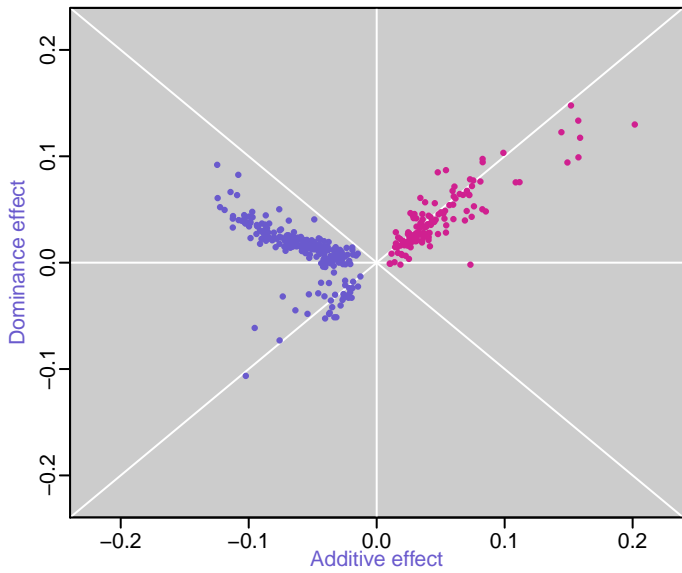


kidney chr13 @ 68 p-value=0

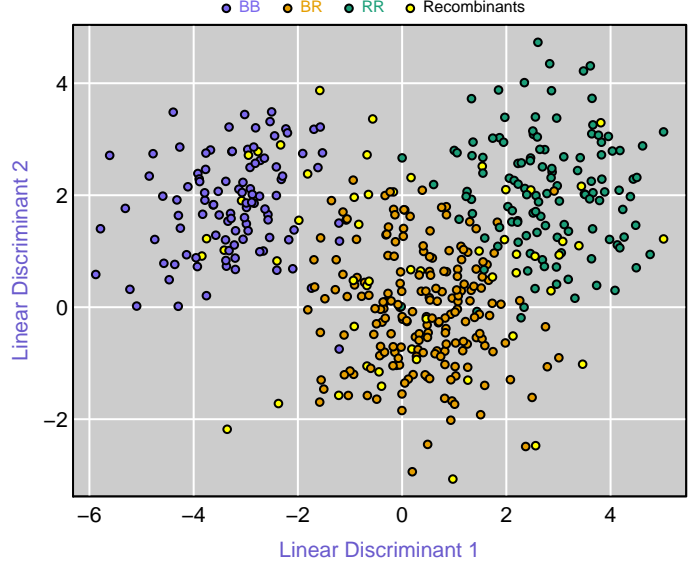
signed LOD



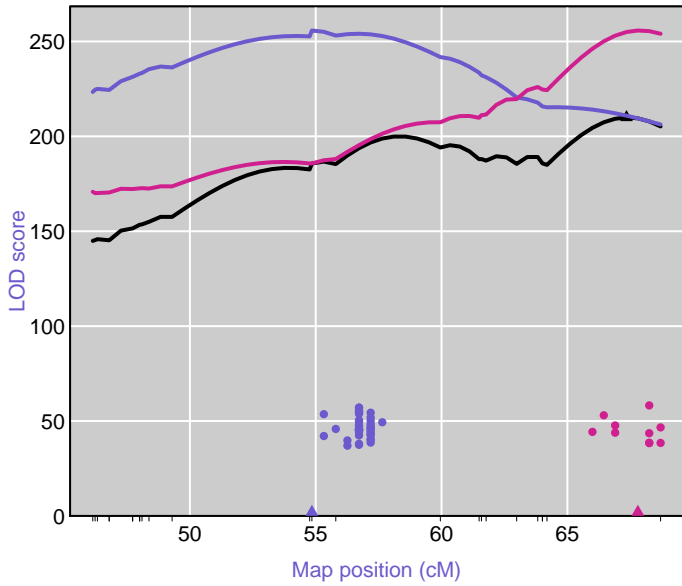
Inheritance Pattern



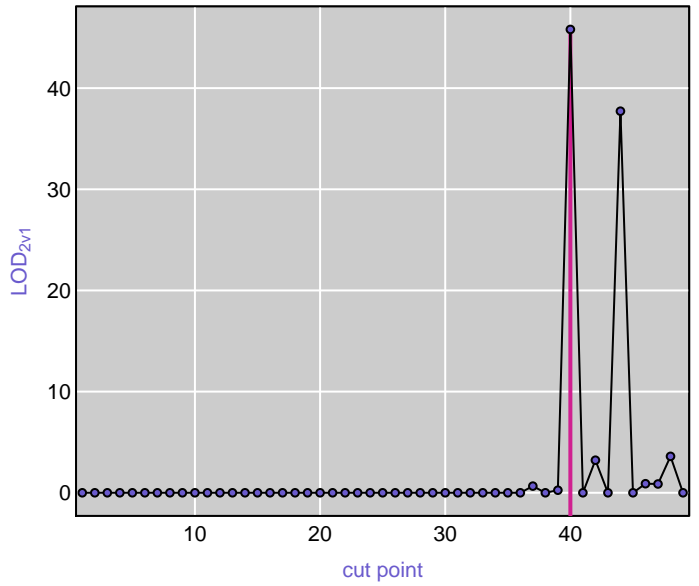
LDA plot



LOD profile

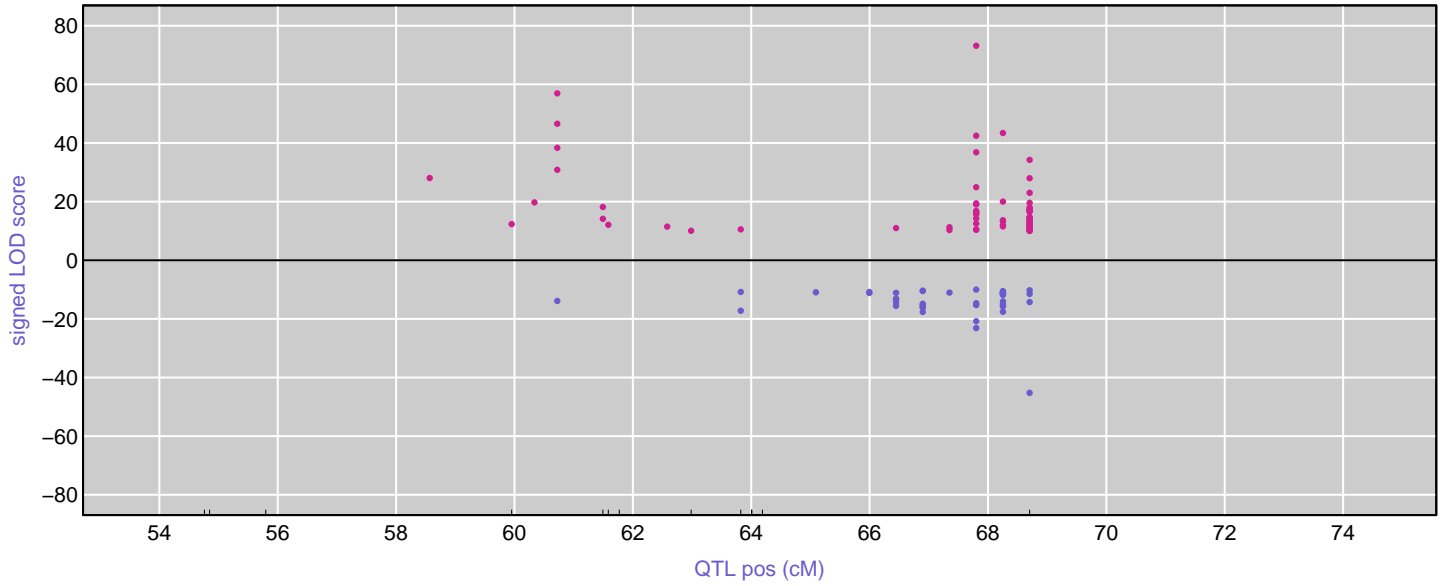


LOD<sub>2v1</sub> by cut – point

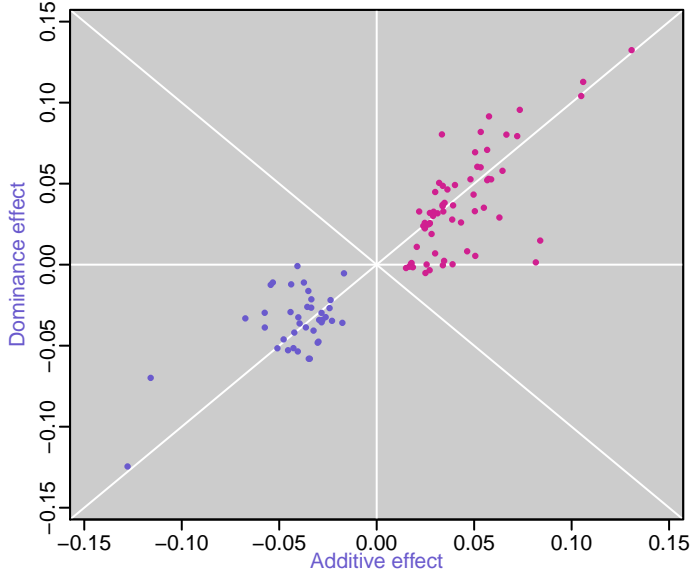


adipose chr13 @ 68 p-value=0

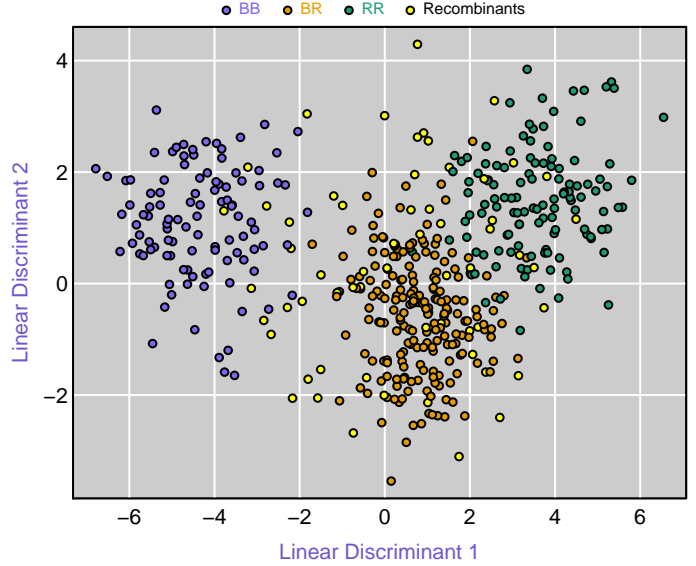
signed LOD



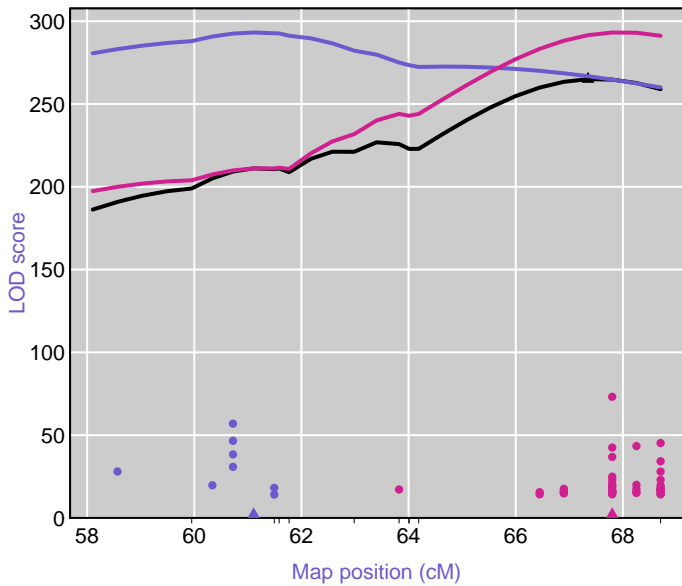
Inheritance Pattern



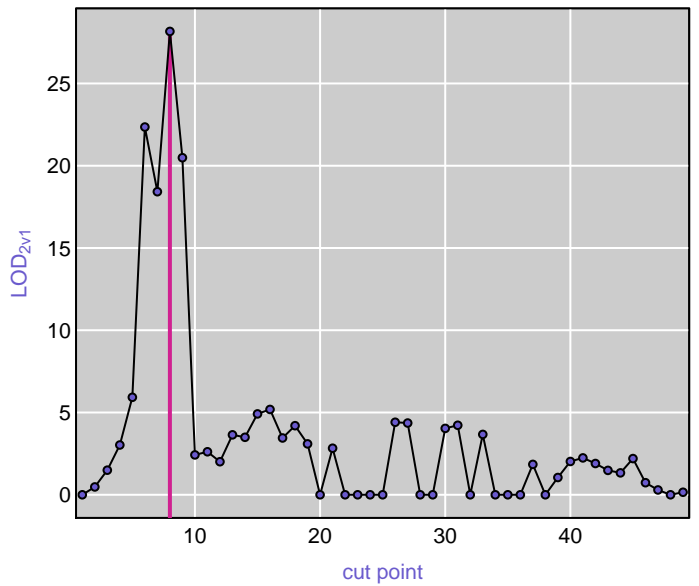
LDA plot



LOD profile

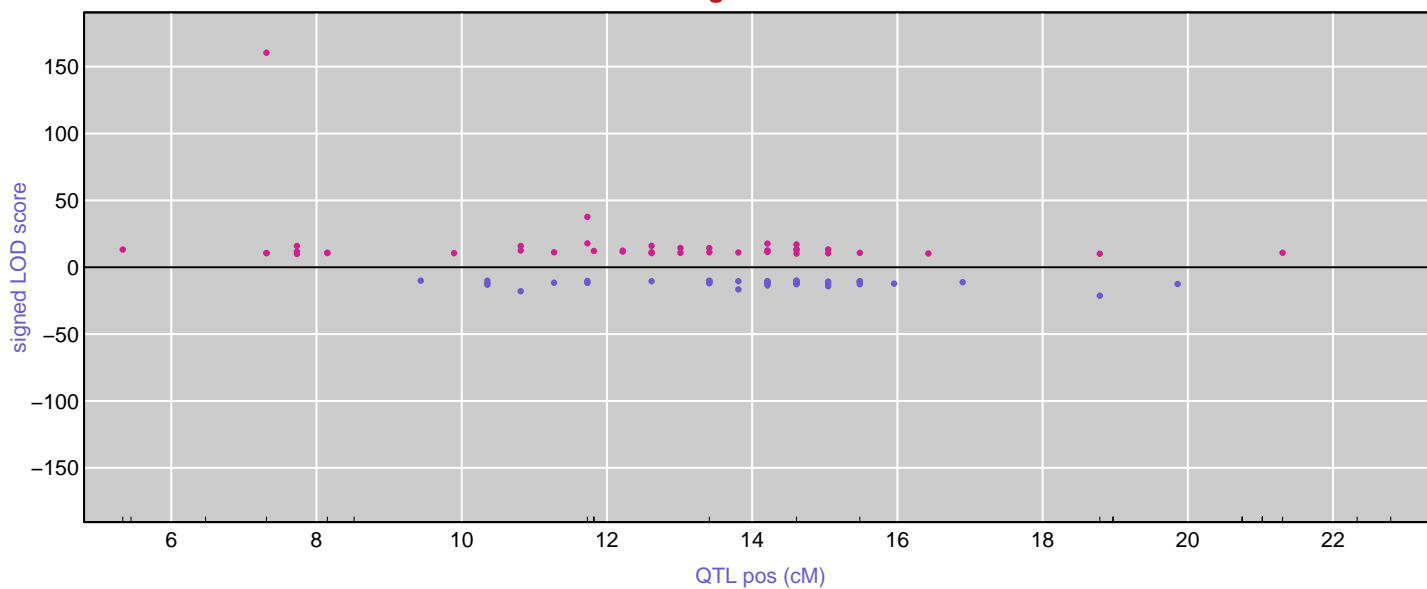


LOD<sub>2v1</sub> by cut - point

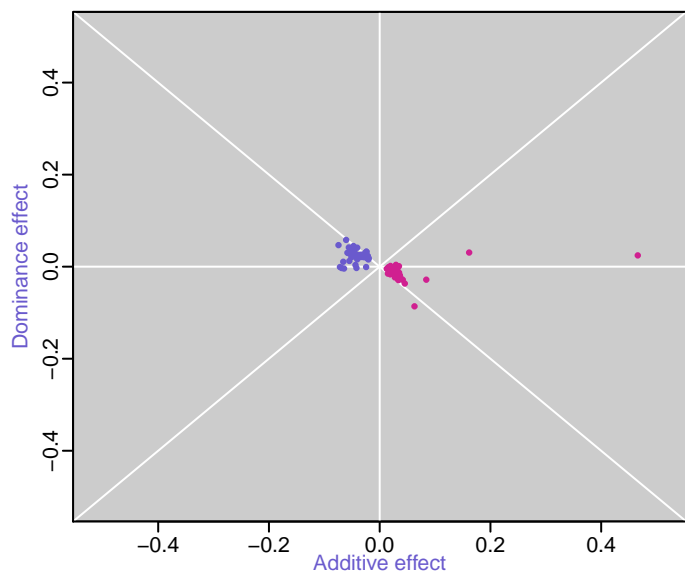


adipose chr17 @ 14 p-value=0

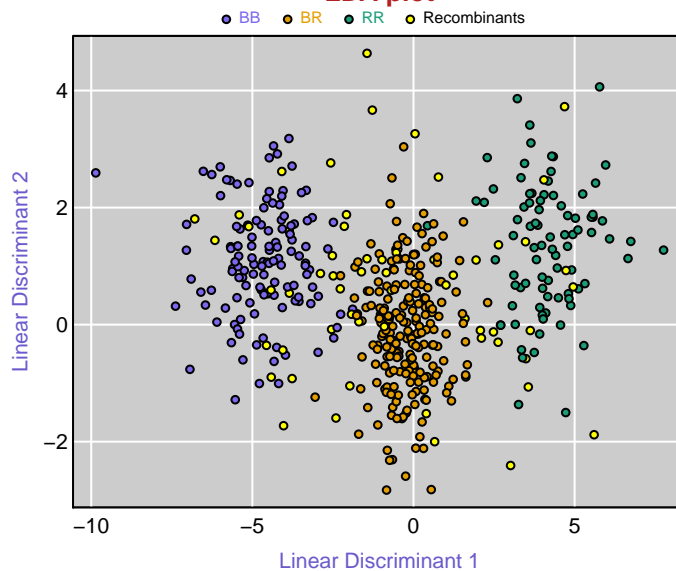
signed LOD



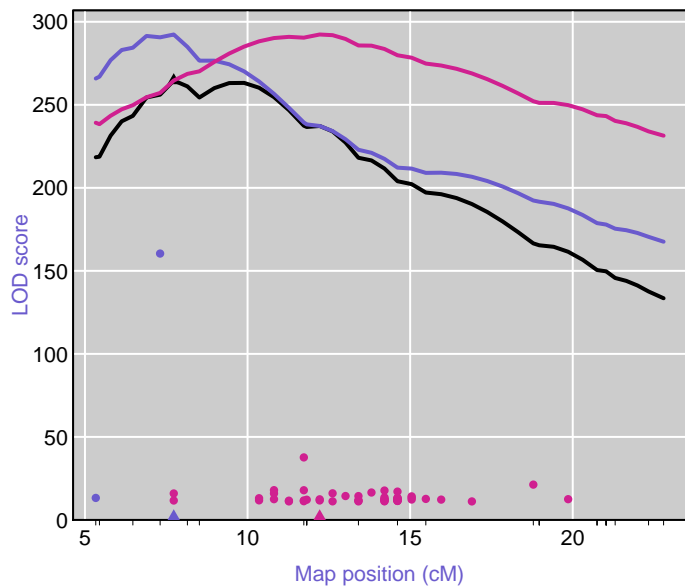
Inheritance Pattern



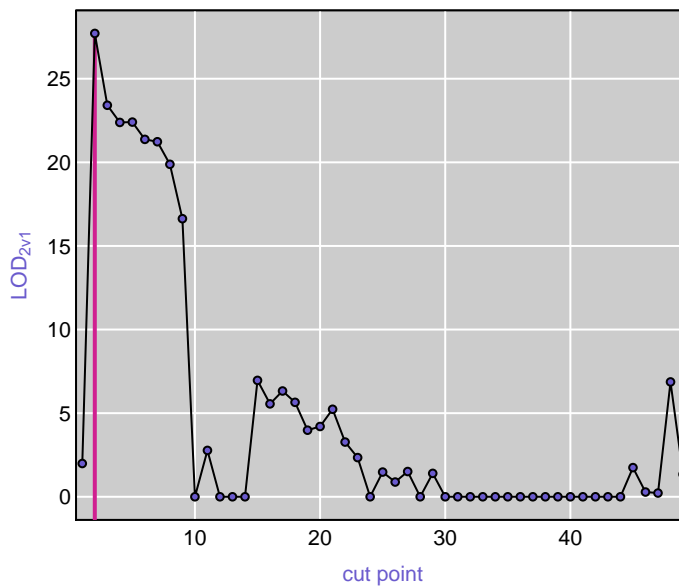
LDA plot



LOD profile

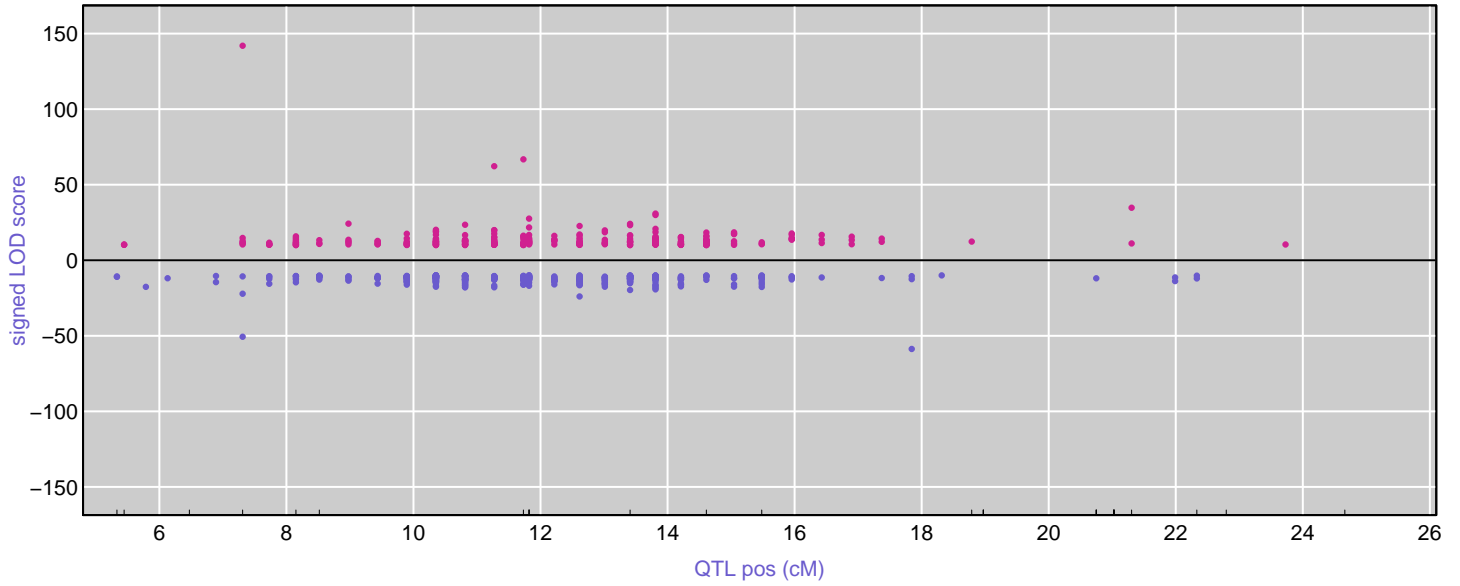


LOD<sub>2v1</sub> by cut - point

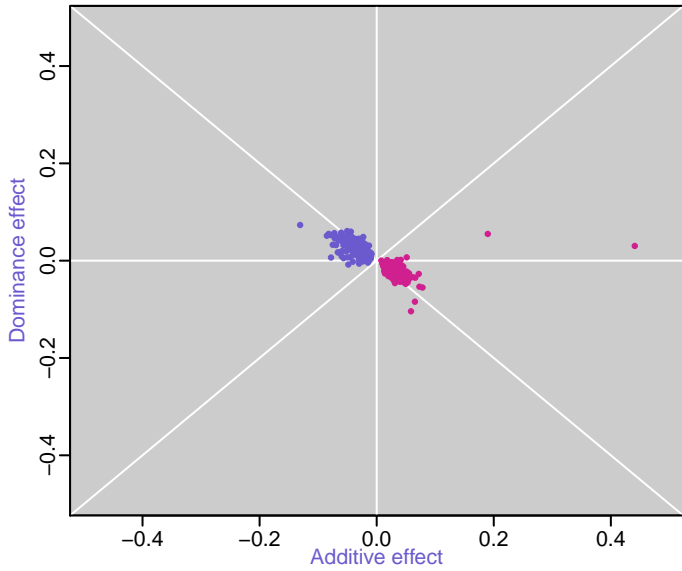


kidney chr17 @ 10 p-value=0

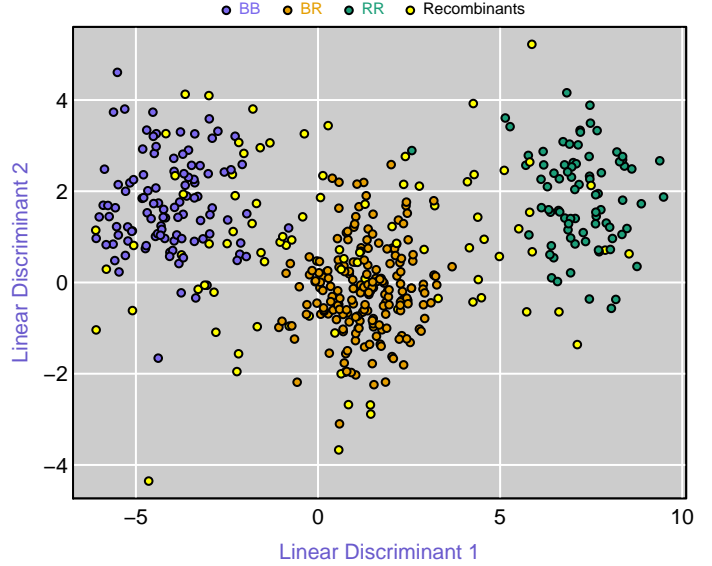
signed LOD



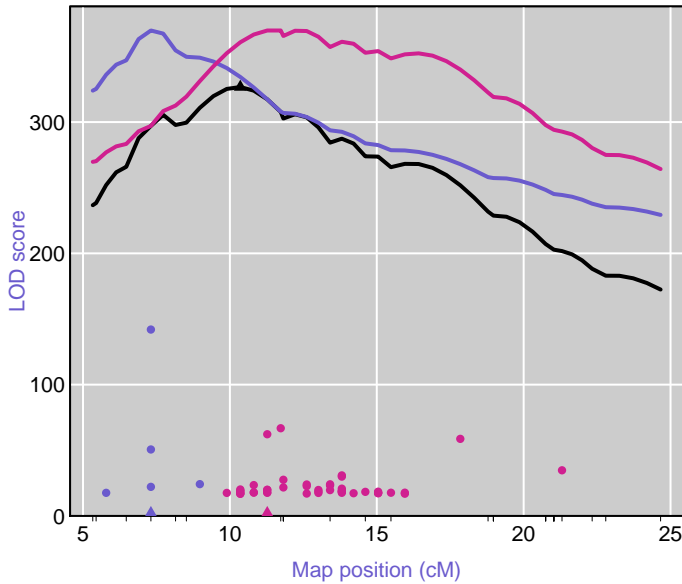
Inheritance Pattern



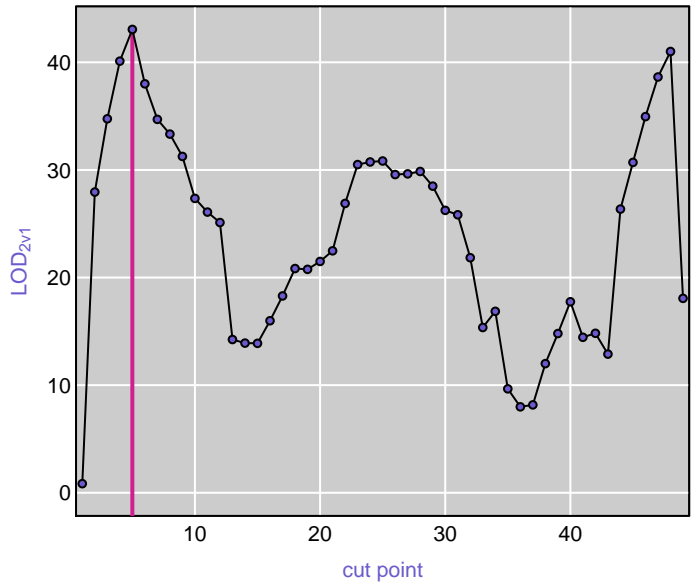
LDA plot



LOD profile

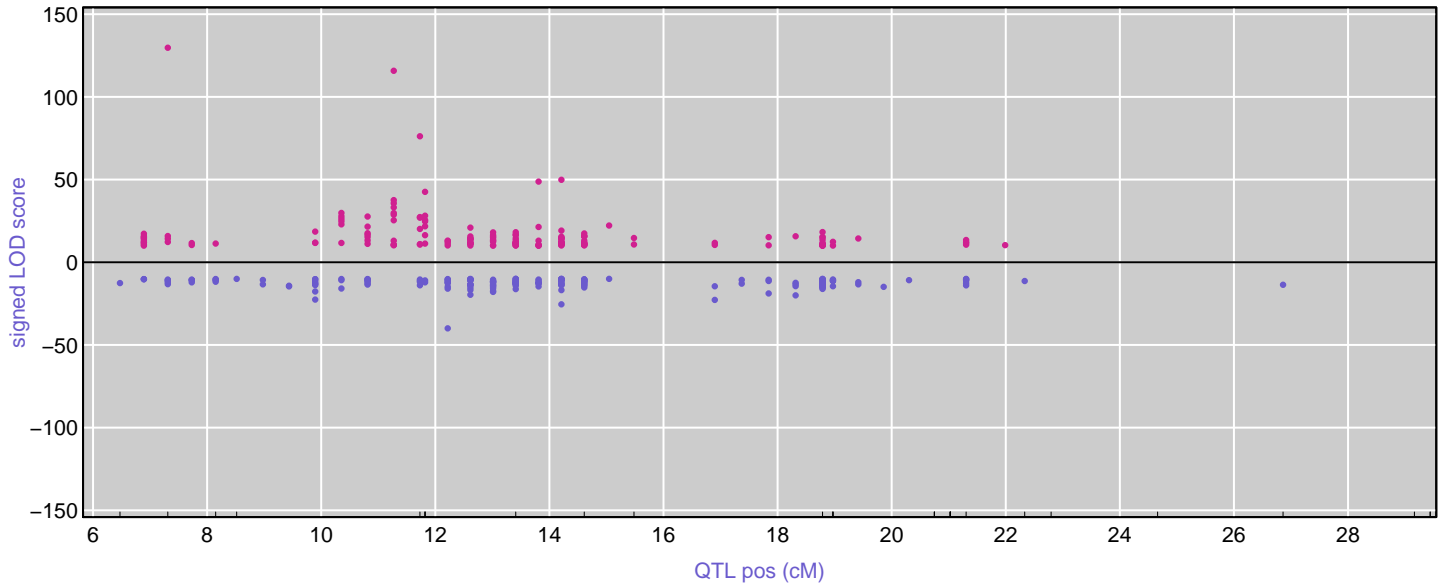


LOD<sub>2v1</sub> by cut - point

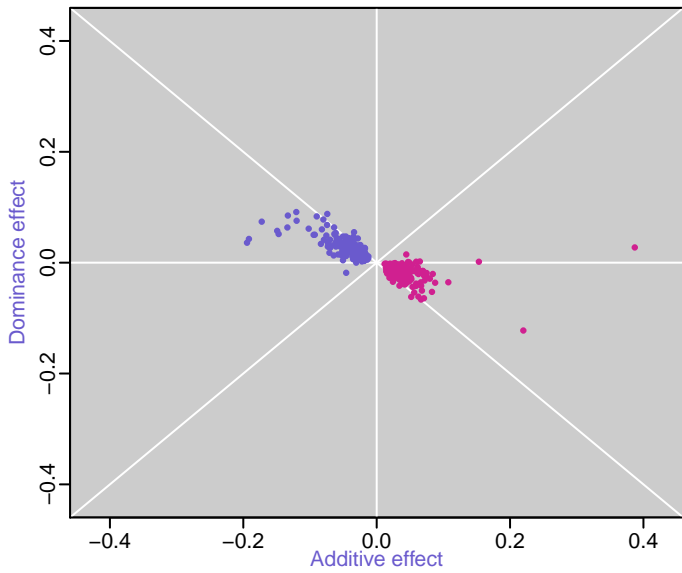


liver chr17 @ 18 p-value=0

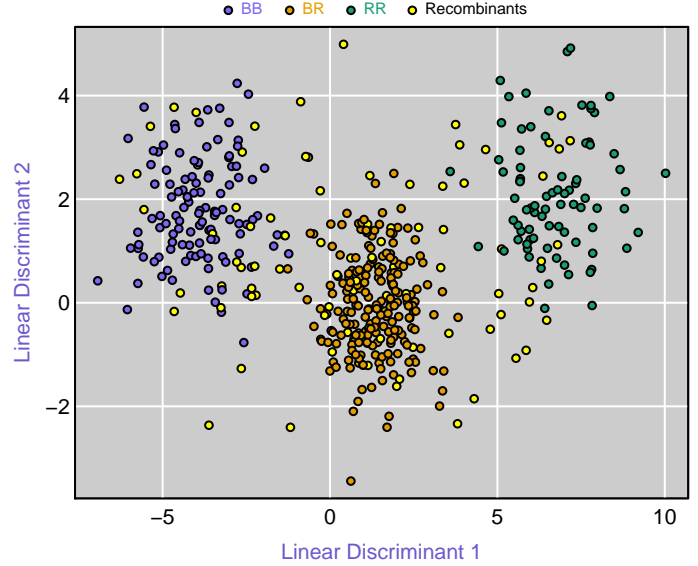
signed LOD



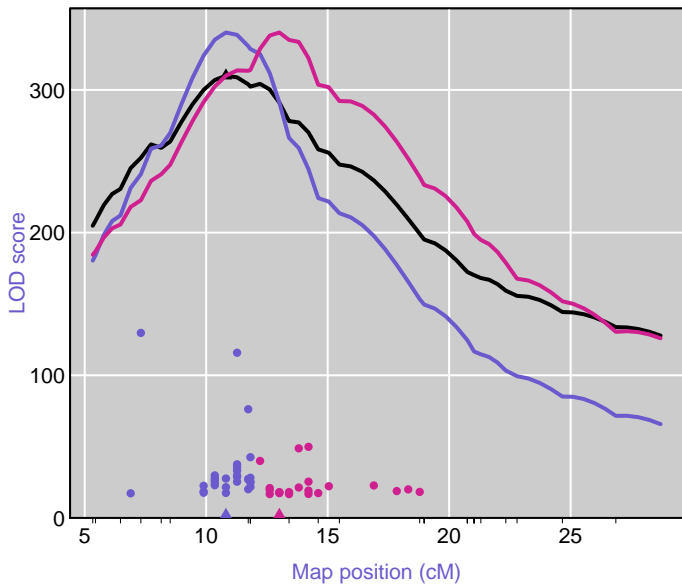
Inheritance Pattern



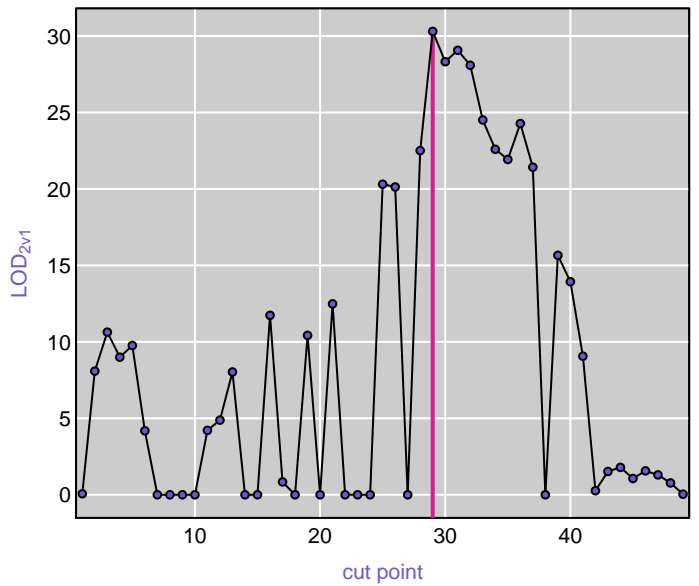
LDA plot



LOD profile



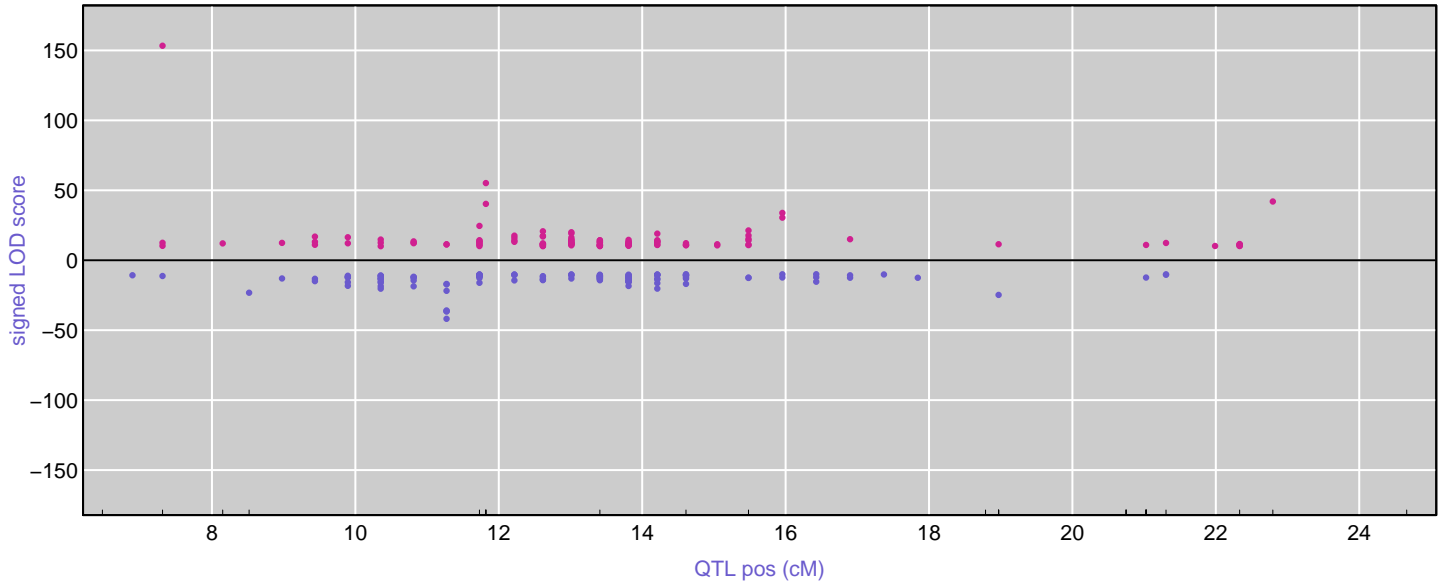
LOD<sub>2v1</sub> by cut - point



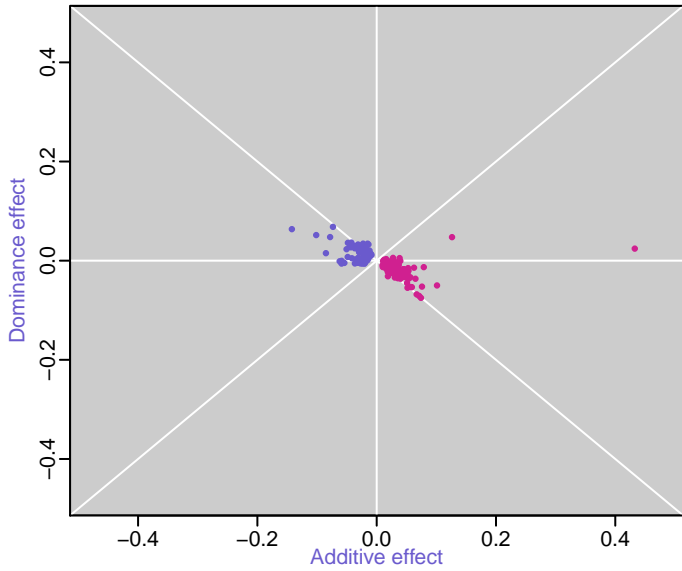


islet chr17 @ 13 p-value=0

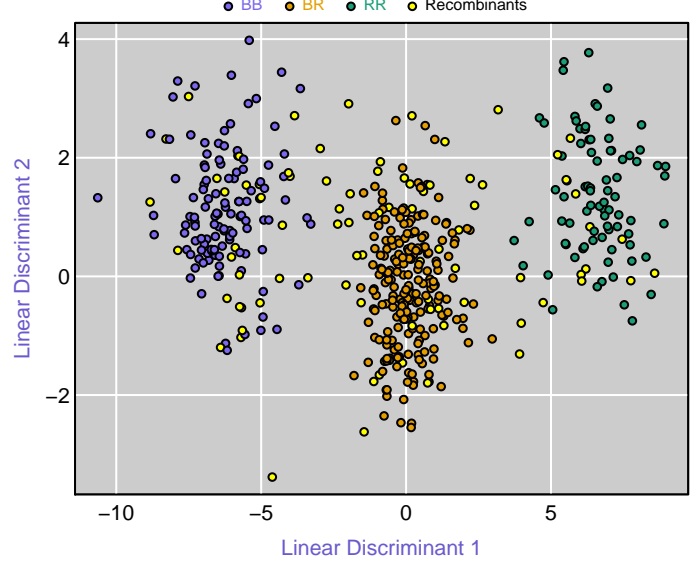
signed LOD



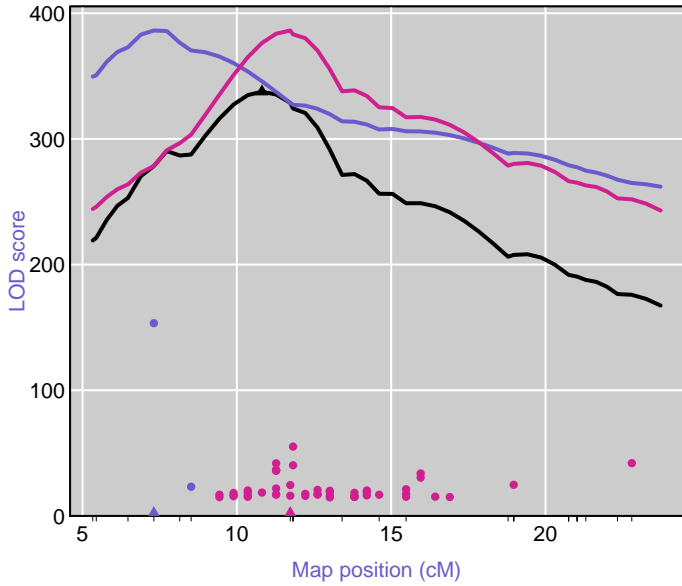
Inheritance Pattern



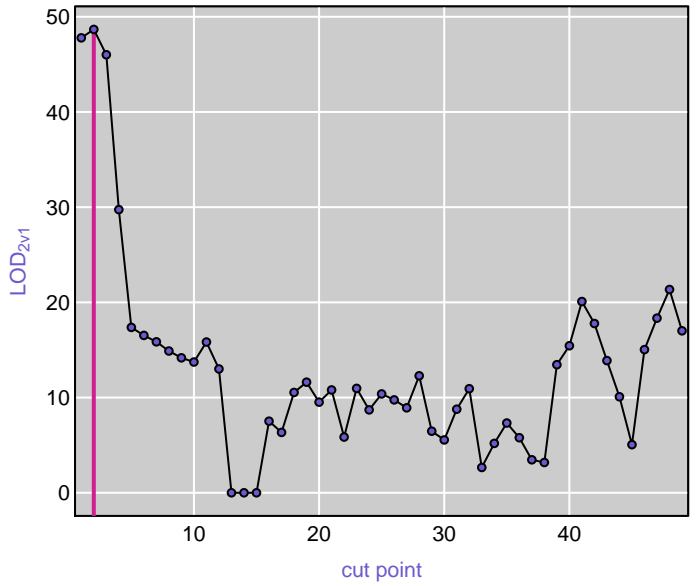
LDA plot



LOD profile

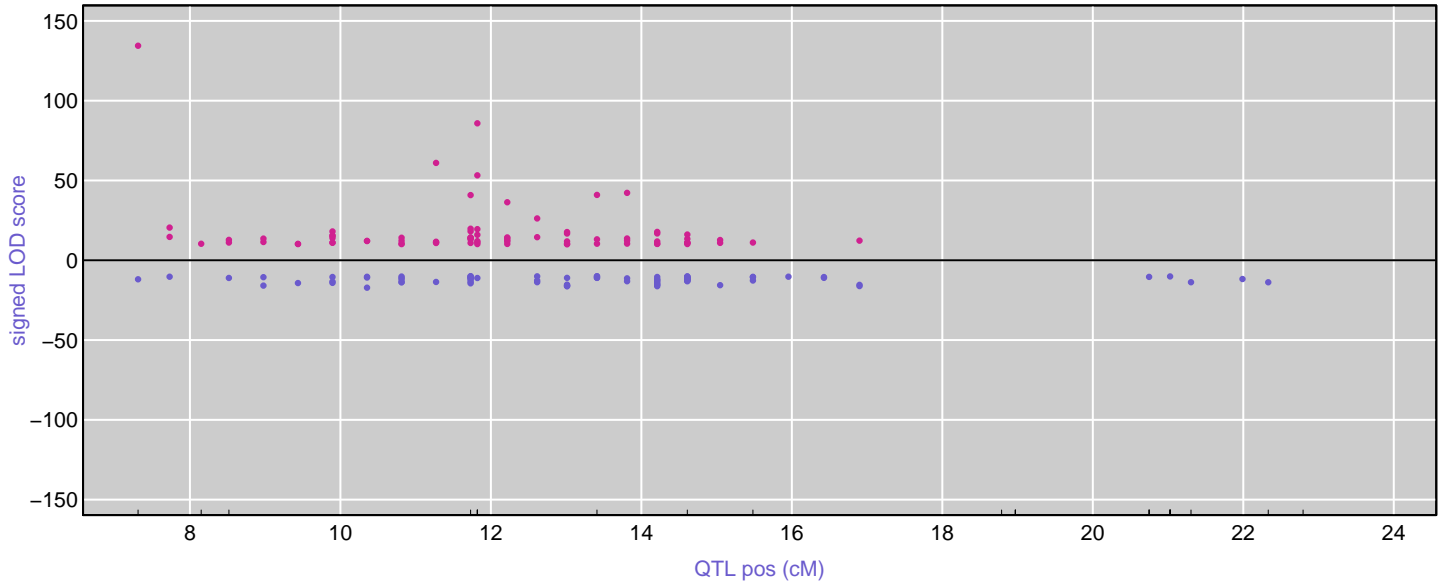


LOD<sub>2v1</sub> by cut - point

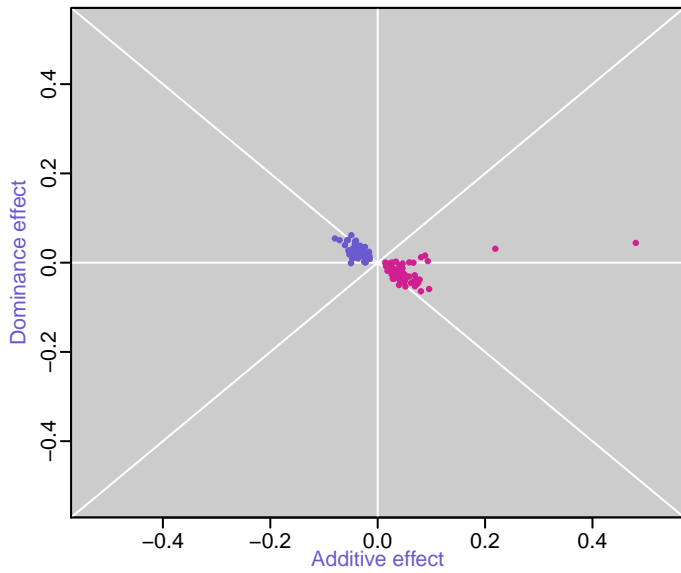


gastroc chr17 @ 14 p-value=0

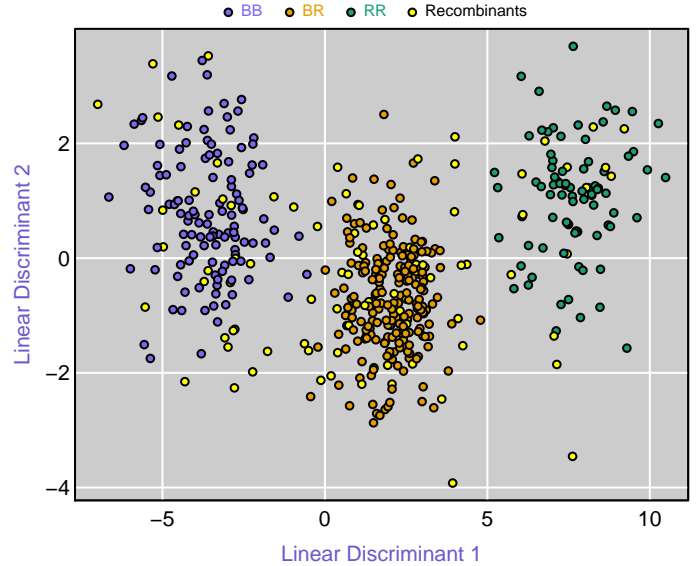
signed LOD



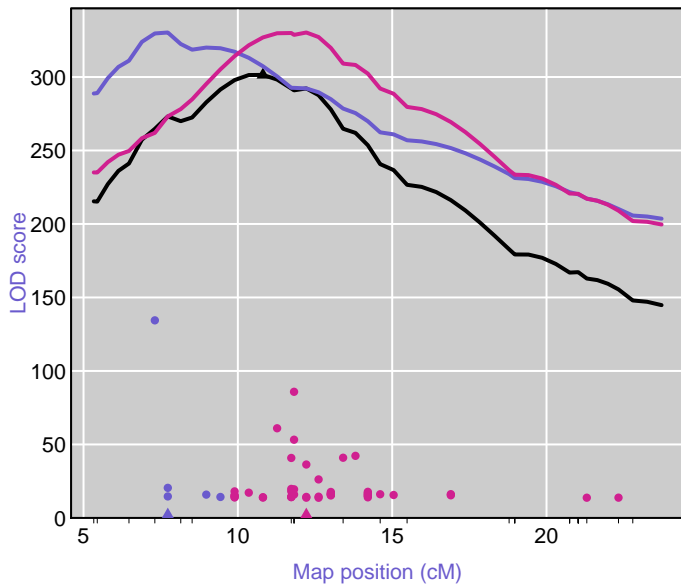
Inheritance Pattern



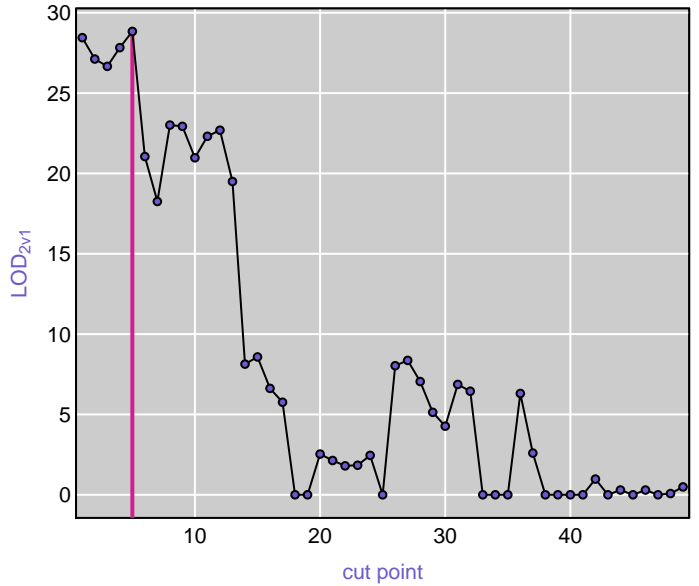
LDA plot



LOD profile

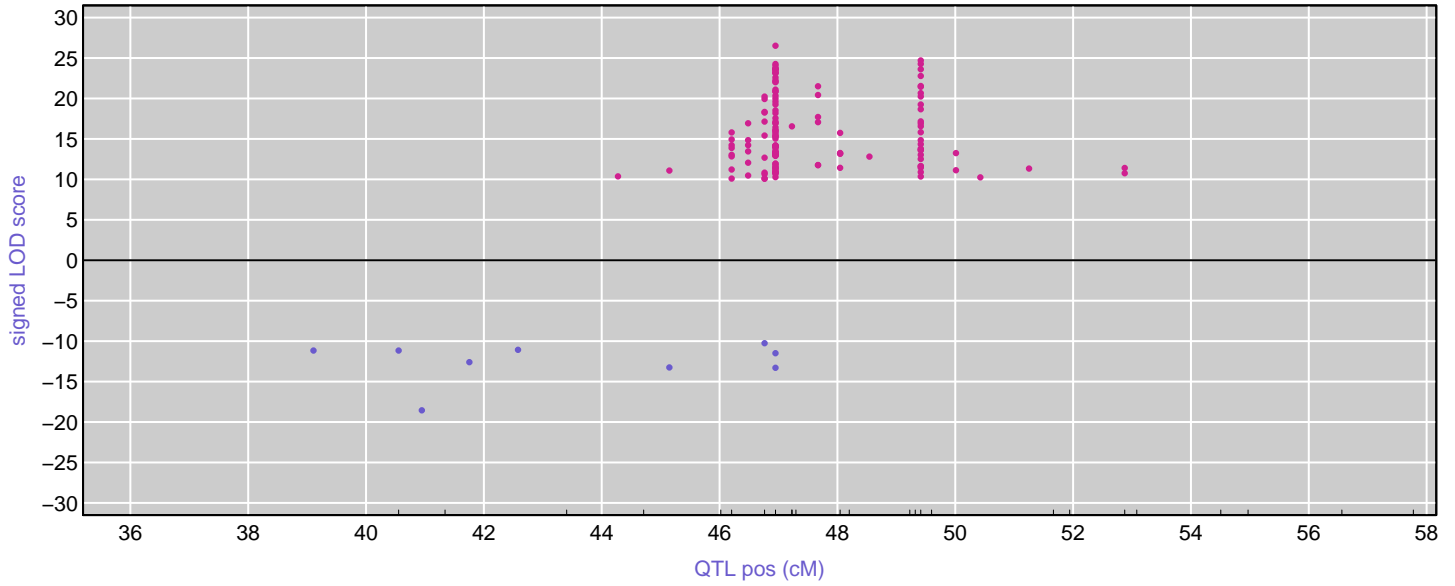


LOD<sub>2v1</sub> by cut - point

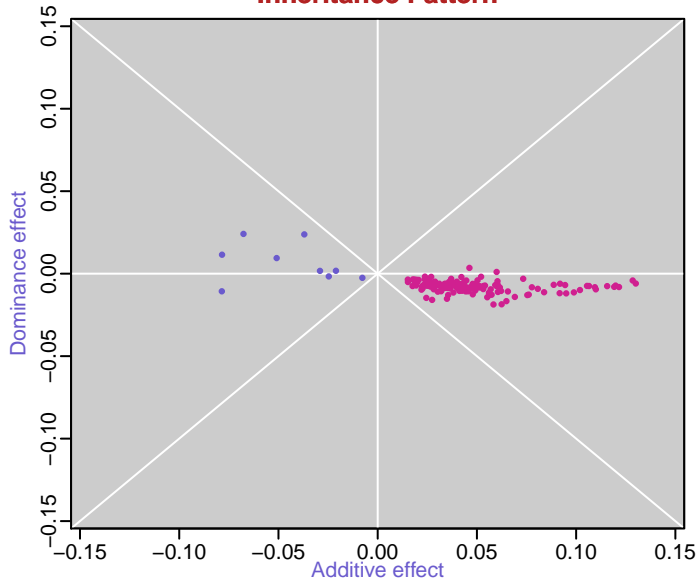


islet chr19 @ 46 p-value=0

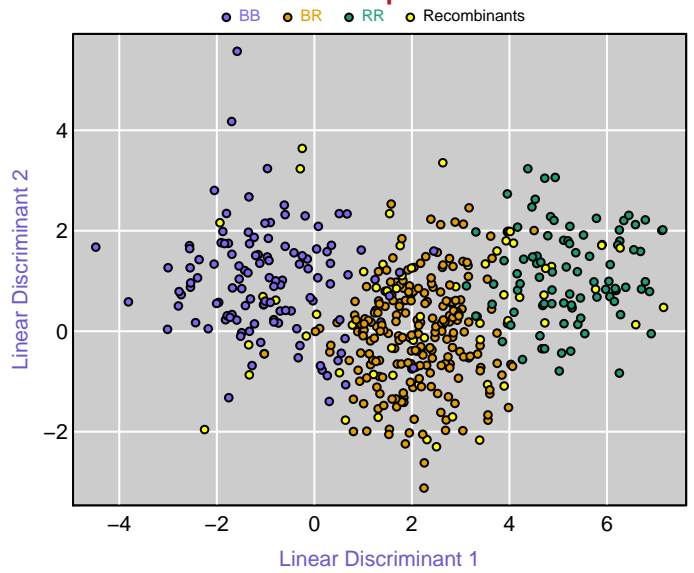
signed LOD



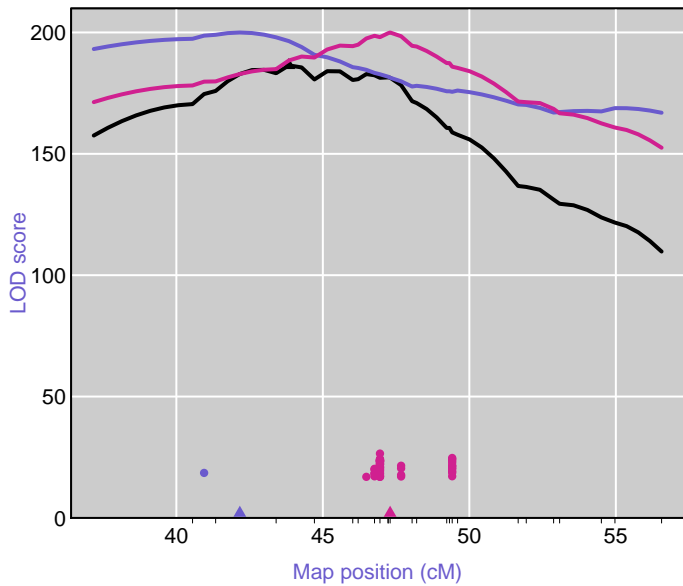
Inheritance Pattern



LDA plot



LOD profile



LOD<sub>2v1</sub> by cut - point

