Linkage Analysis for Chromosome 21

![Graph showing LOD scores across map positions on chromosome 21. The graph plots maximum LOD scores against map positions in centiMorgans (cM). The LOD scores are represented on the y-axis, ranging from -6 to 4, while the map positions are on the x-axis, ranging from 0 to 60 cM. The graph shows a gradual increase in LOD scores from left to right, with a significant rise near 50 cM.]