

## 10q Deletion Research Page



(Sub)microscopic 10qter deletions, including distal and interstitial deletions of 10q26.1, lead to a recognizable phenotype, which includes mental retardation, distinct facial features, and congenital defects.

Within our group, we aim to collect the clinical data and DNA samples of patients with a (sub)microscopic 10q deletion. We are interested in both the telomeric and interstitial 10q deletions encompassing at least 10q26.1. The deletions will be fine mapped by either SNP array and/or by a set of MLPA probes hybridizing to this region of 10q.

In order to perform a thorough clinical and molecular analysis of patients and to pin point the gene(s) responsible for the phenotype we would like to propose the following

### **collaborative study:**

1. We would like to be informed on the numbers of 10q deletions that you have diagnosed so far, and whether these have been published.
2. We would like to collect clinical details for these specific cases.
3. We offer DNA typing to establish the exact size of the deletion. This work will be done using SNP array and/or MLPA probes hybridizing to the 10q region.

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