# CGT Basic

| chrom | OMIM (gene) | gene | previous | OMIM (phen) | disease name (phenotype) | inheritance |
|---|---|---|---|---|---|---|
| 7 | 602421 | CFTR | | 219700 | Cystic fibrosis | Autosomal recessive |
| X | 309550 | FMR1 | | 300624 | Fragile X syndrome | X-linked |
| X | 305900 | G6PD | | 300908 | Hemolytic anemia, G6PD deficient (favism) | X-linked |
| 13 | 121011 | GJB2 | | 220290 | Deafness, autosomal recessive, type 1A; Deafness, digenic, GJB2/GJB6 | Autosomal recessive; Digenic inheritance (GJB6 gene) |
| 16 | 141800 | HBA1 | | 604131 | Thalassemia, alpha- | Autosomal recessive |
| 16 | 141850 | HBA2 | | 604131 | Thalassemia, alpha- | Autosomal recessive |
| 11 | 141900 | HBB | | 603903 | HBB-related hemoglobinopathy | Autosomal recessive |
| 5 | 600354 | SMN1 | | 253300 | Spinal muscular atrophy | Autosomal recessive |