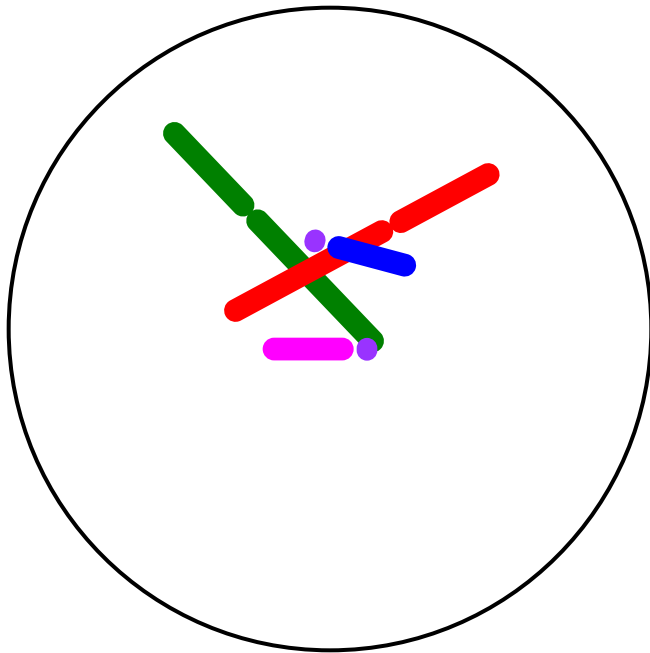
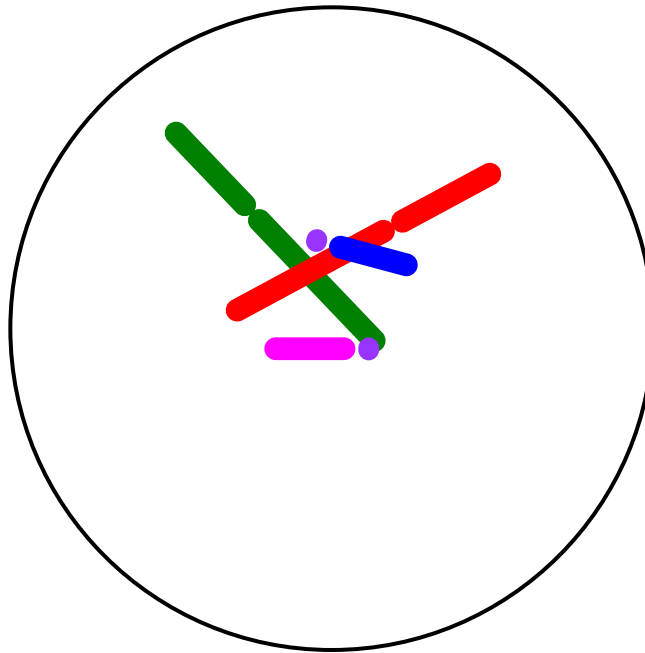


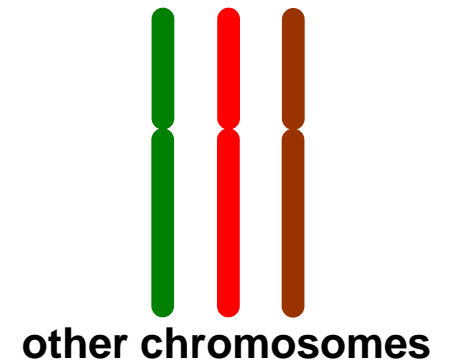
first meiotic division: prophase: leptotene



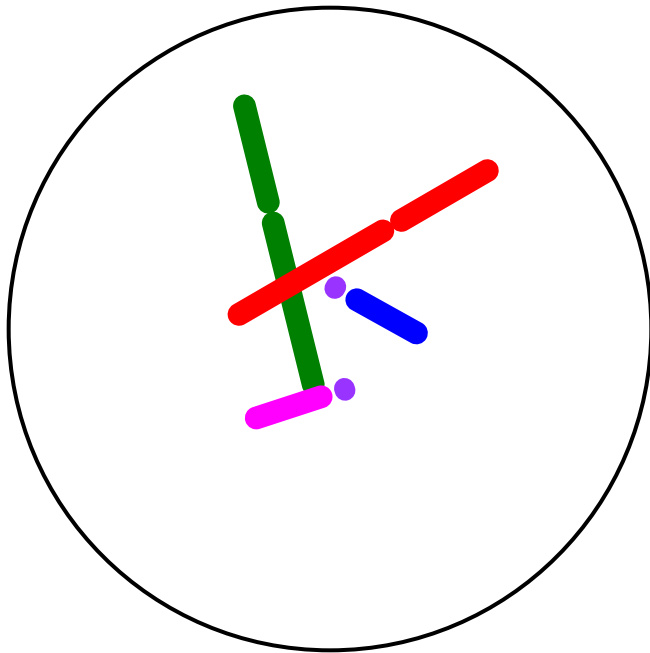
normal



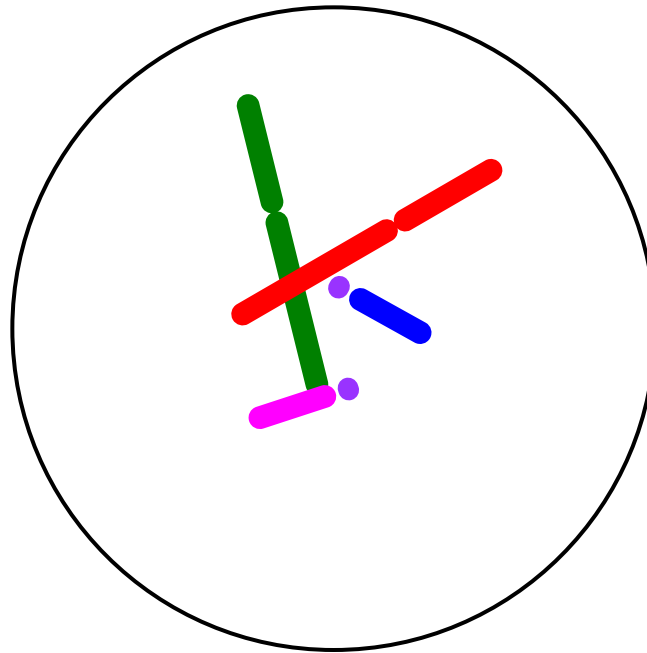
trisomy 21



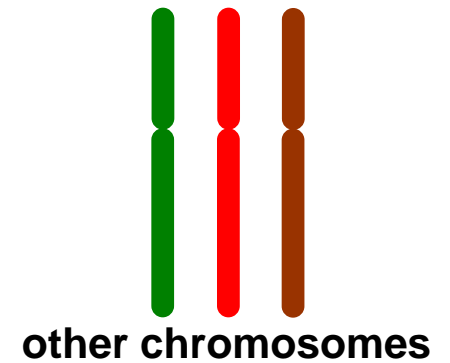
first meiotic division: prophase: leptotene



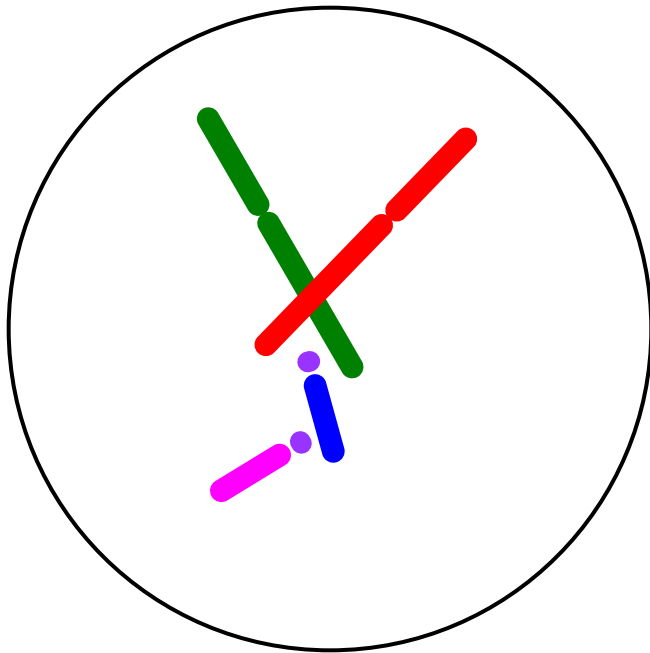
normal



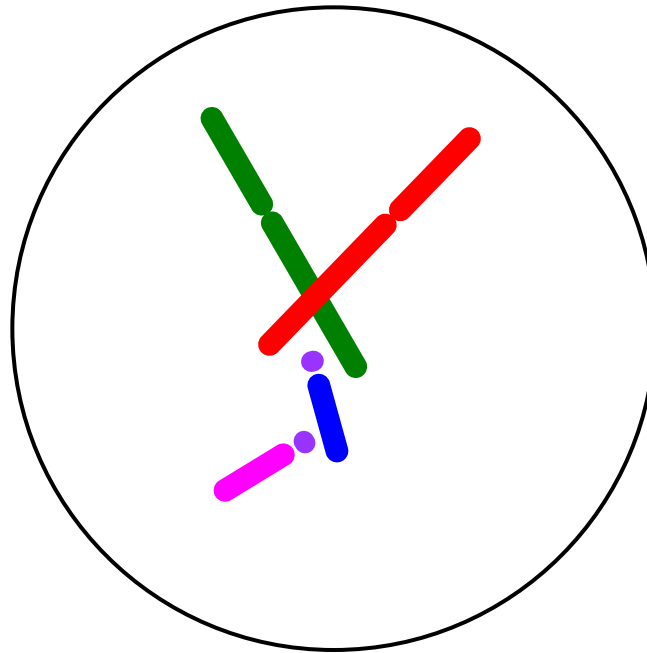
trisomy 21



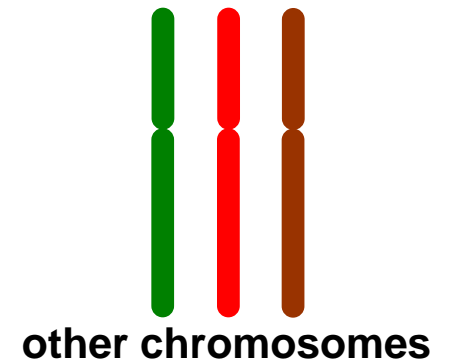
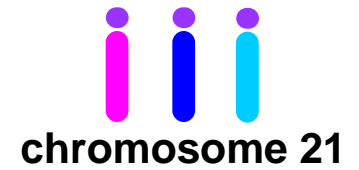
first meiotic division: prophase: leptotene



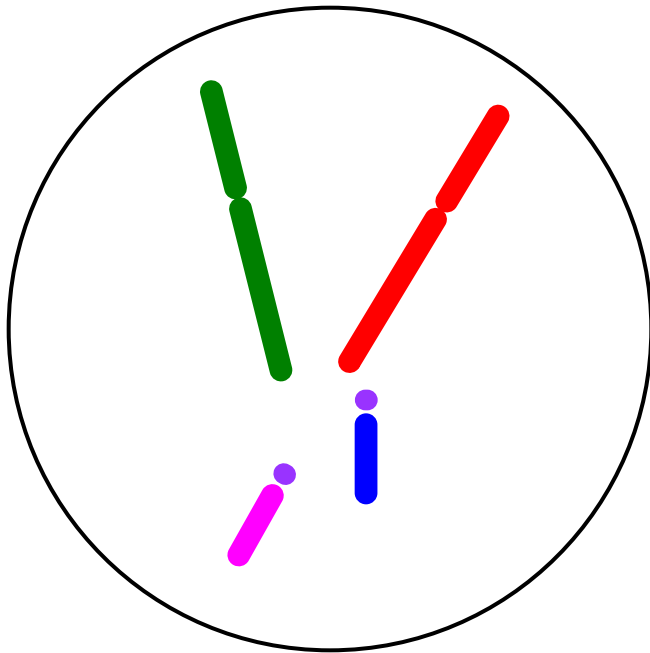
normal



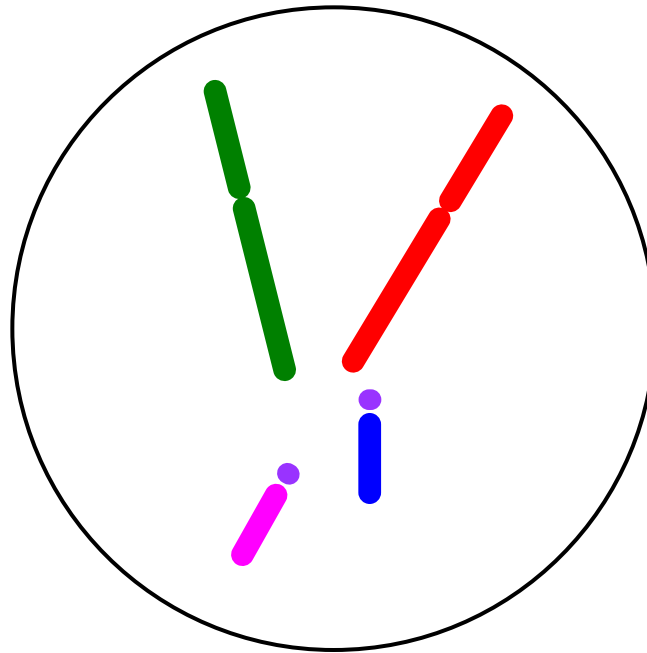
trisomy 21



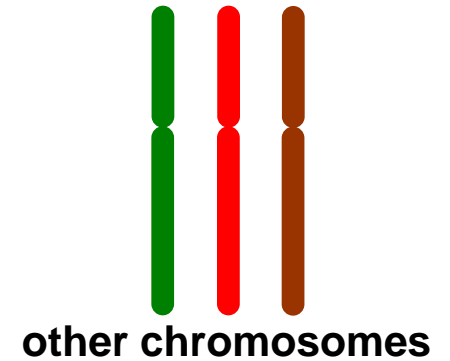
first meiotic division: prophase: leptotene



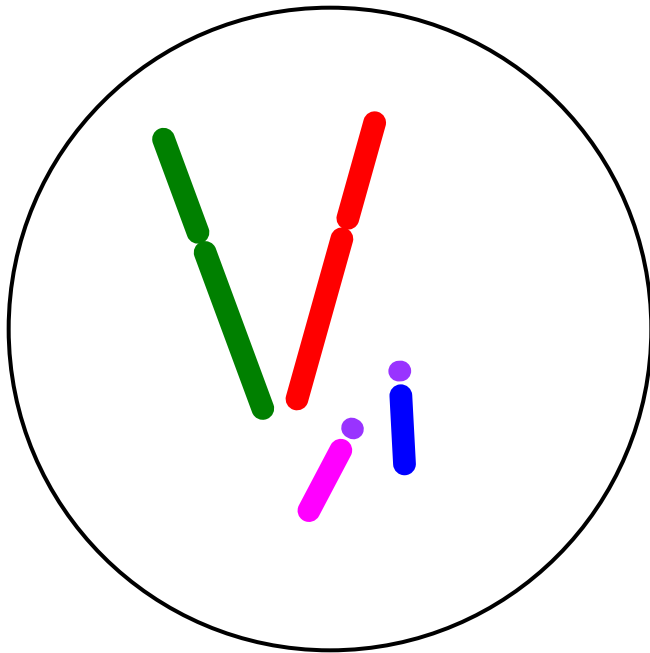
normal



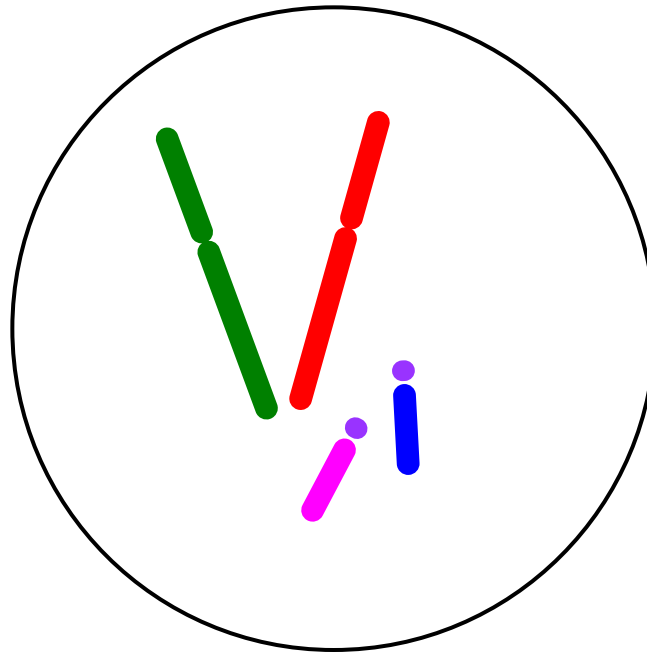
trisomy 21



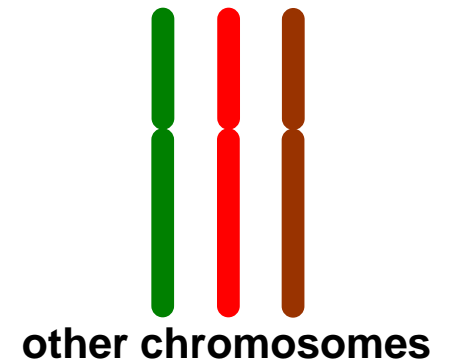
first meiotic division: prophase: leptotene



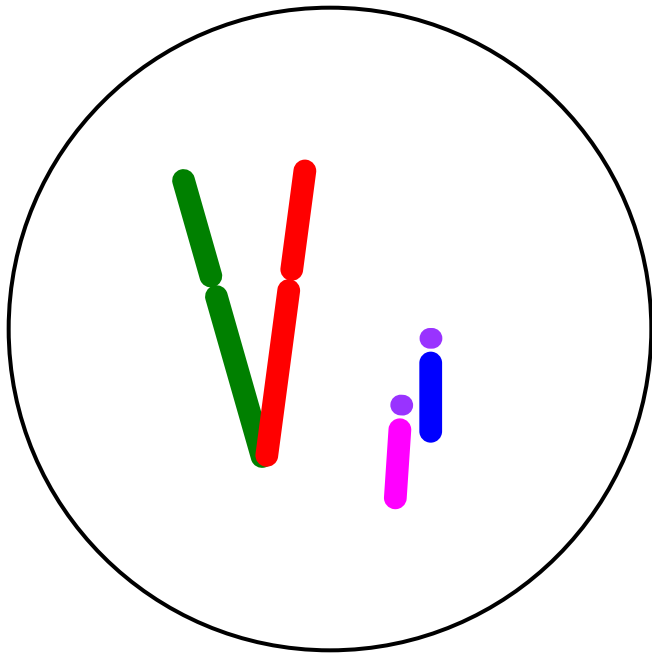
normal



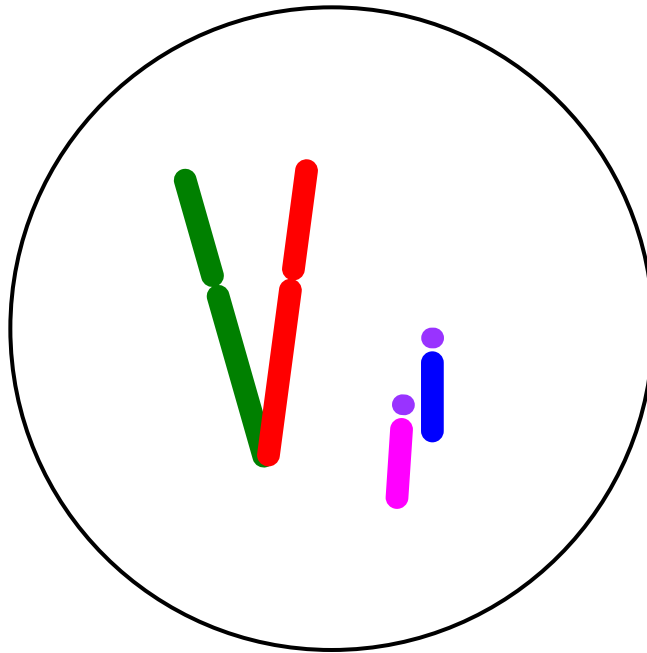
trisomy 21



first meiotic division: prophase: leptotene



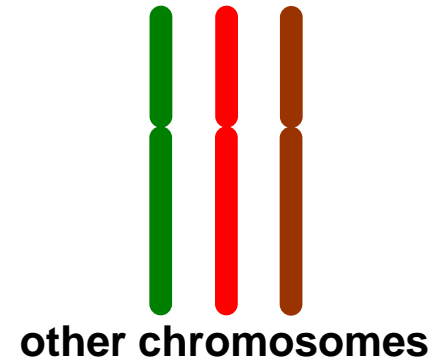
normal



trisomy 21

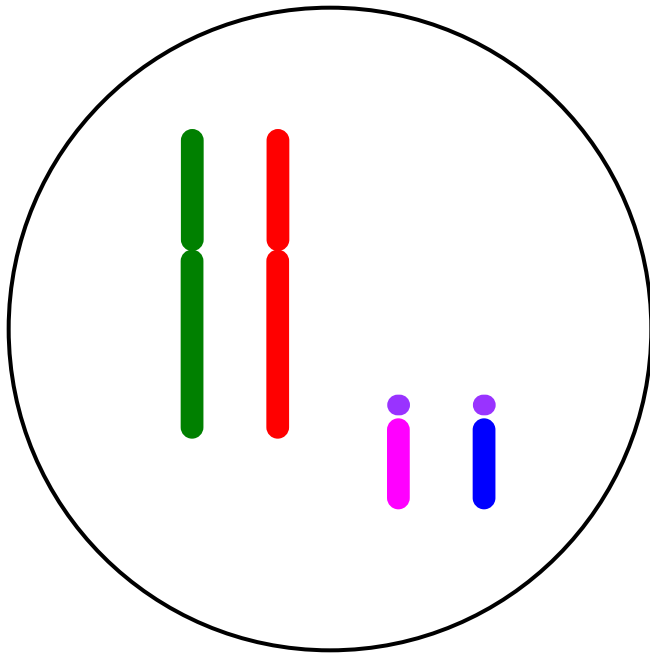


chromosome 21

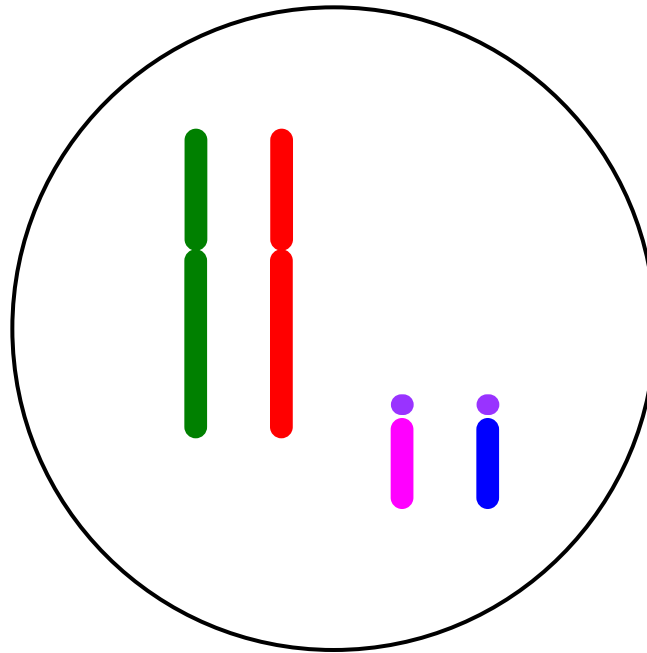


other chromosomes

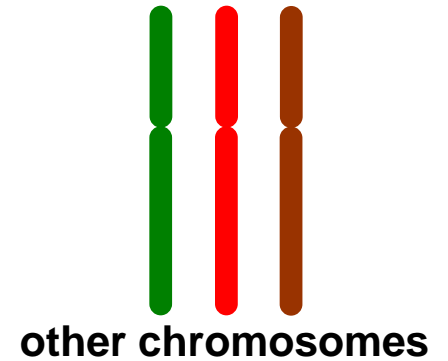
first meiotic division: prophase: leptotene



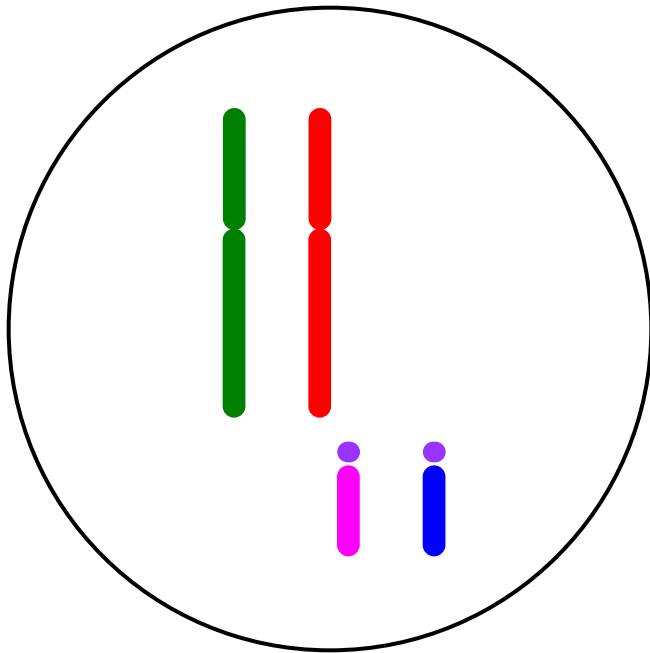
normal



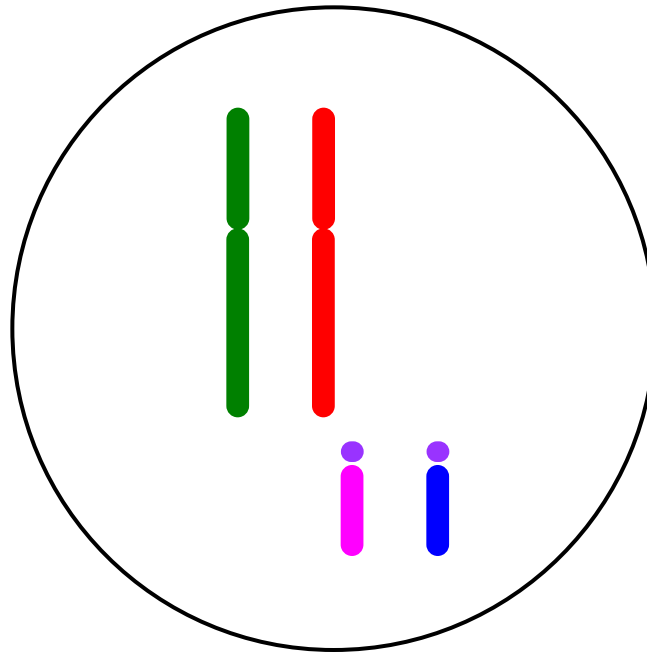
trisomy 21



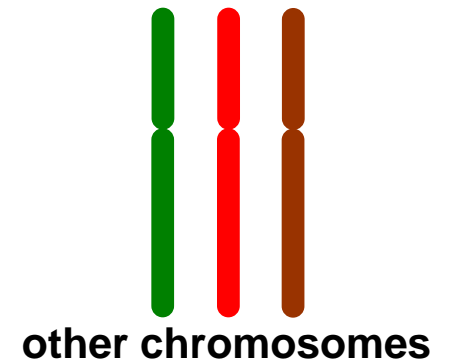
first meiotic division: prophase: leptotene



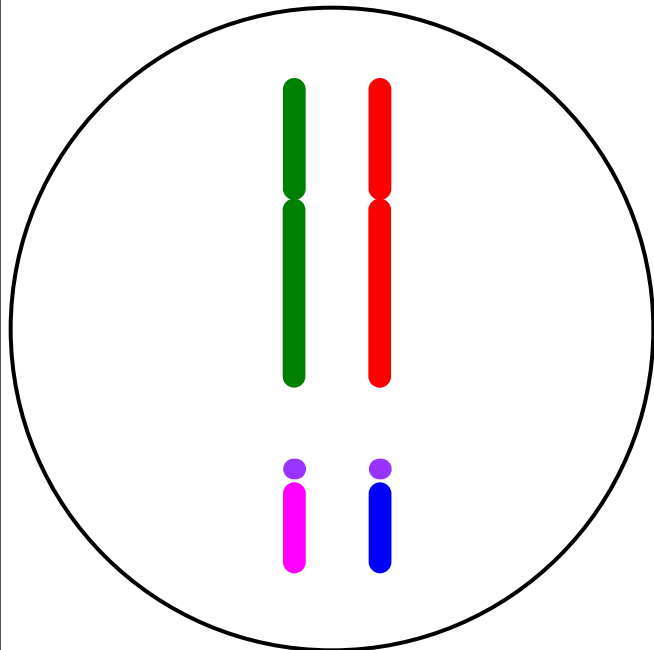
normal



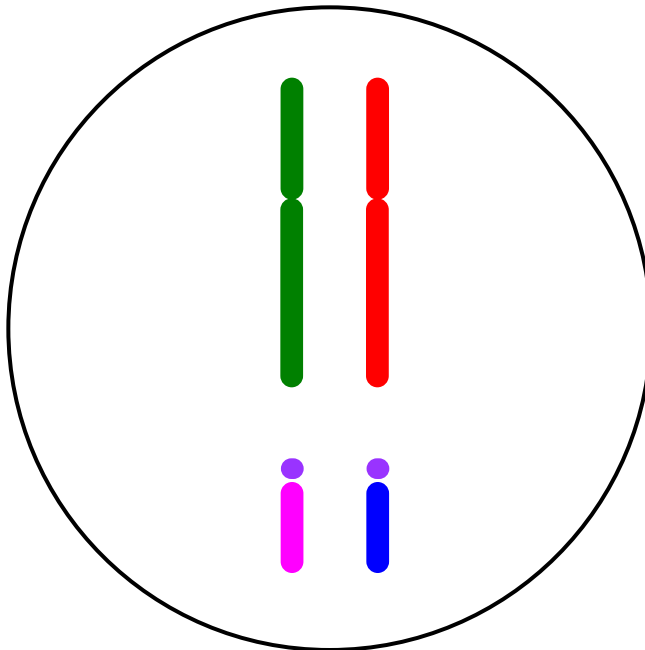
trisomy 21



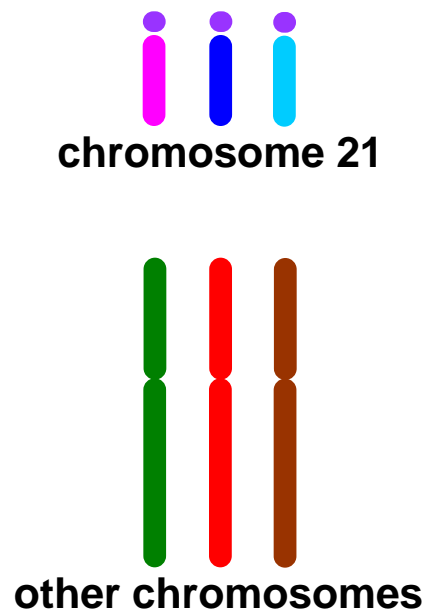
first meiotic division: prophase: zygotene



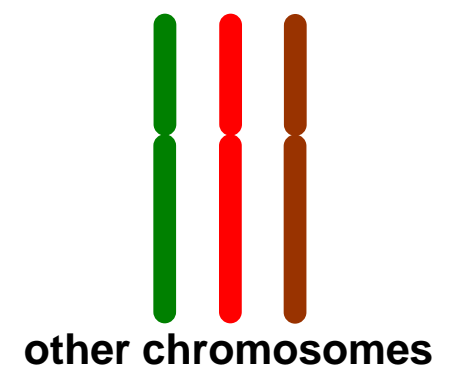
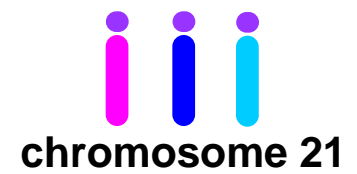
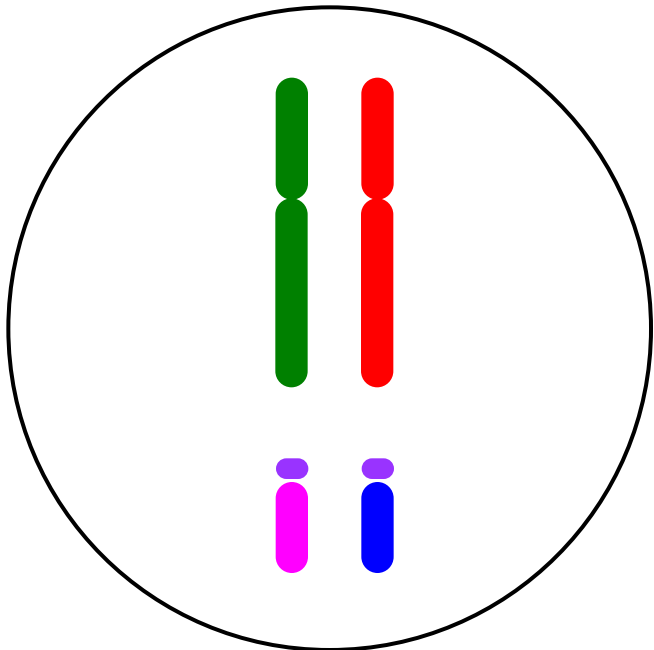
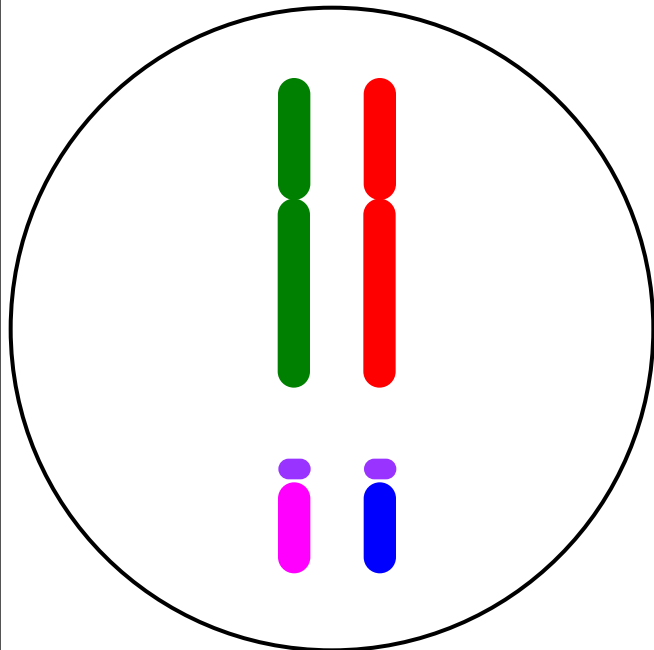
normal



trisomy 21



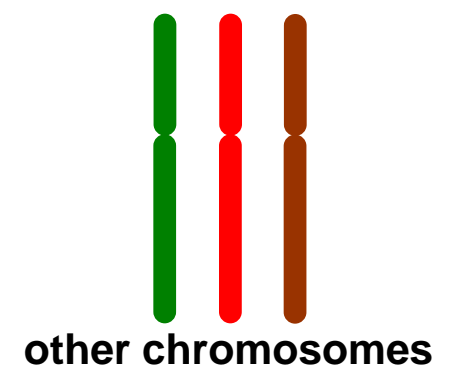
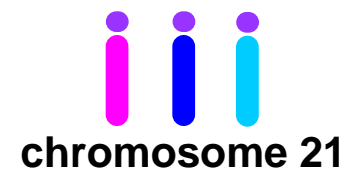
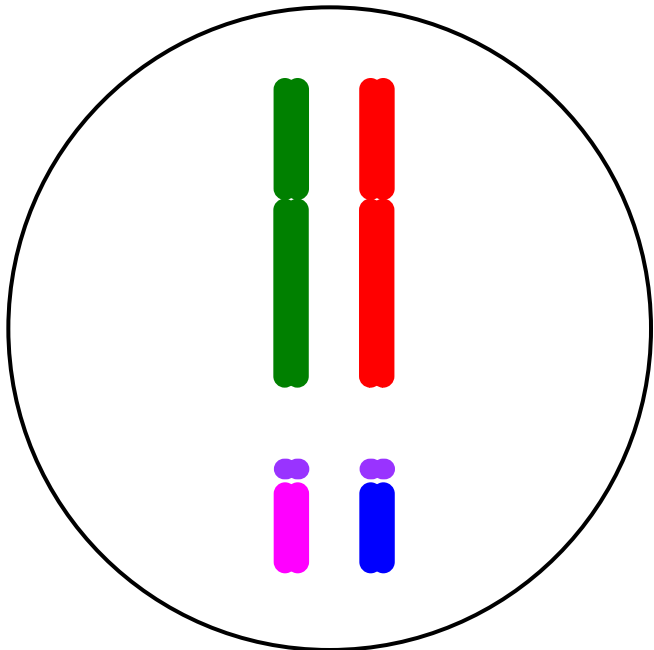
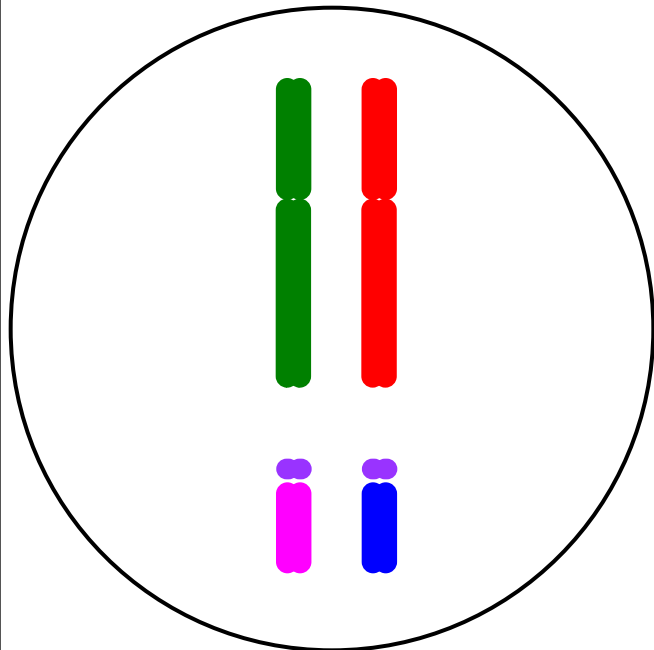
first meiotic division: prophase: pachytene



normal

trisomy 21

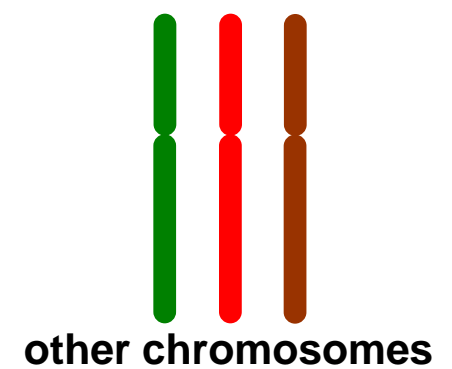
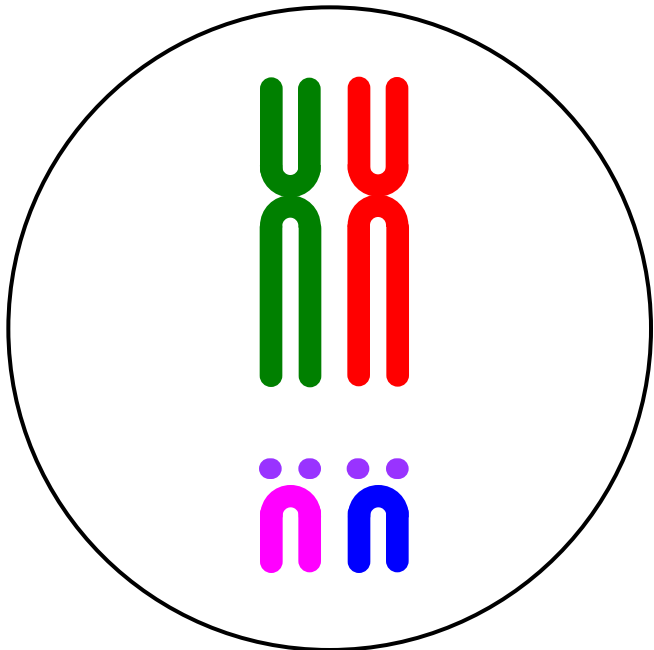
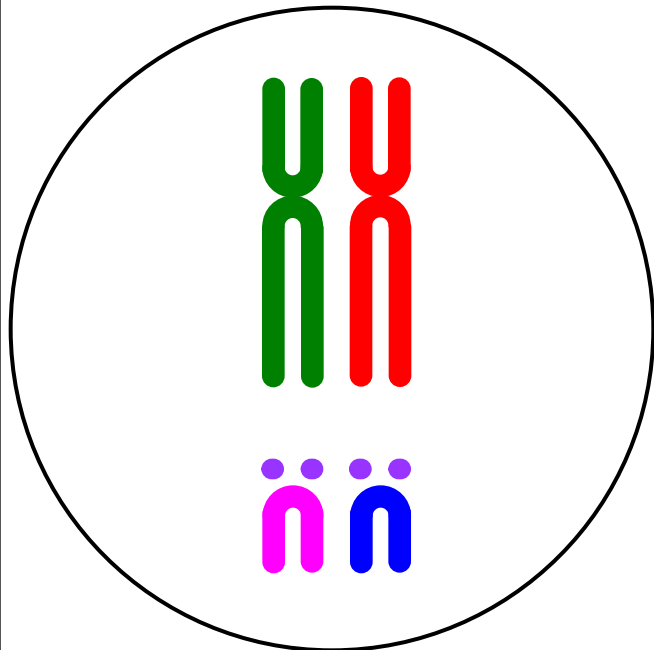
first meiotic division: prophase: pachytene



normal

trisomy 21

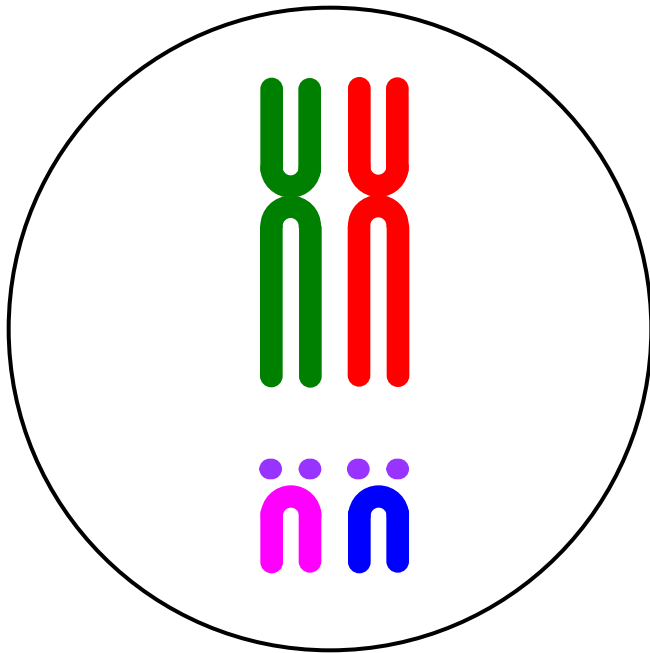
first meiotic division: prophase: diplotene



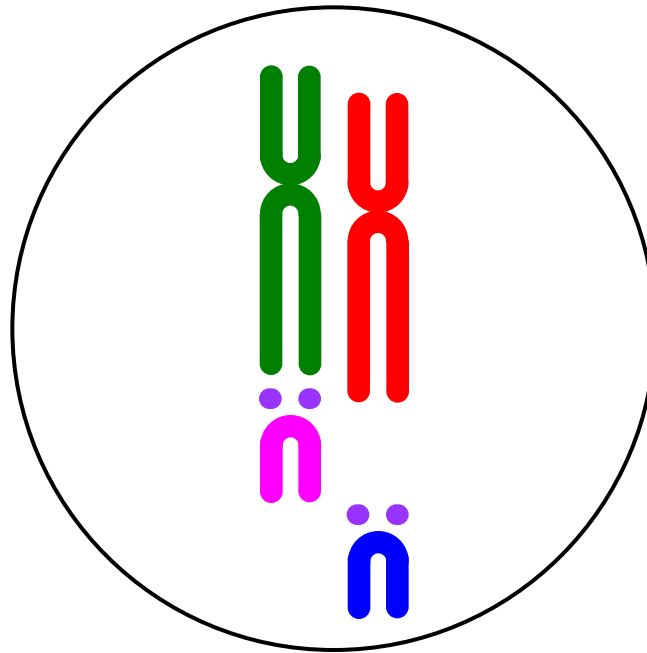
normal

trisomy 21

first meiotic division: prophase: diplotene



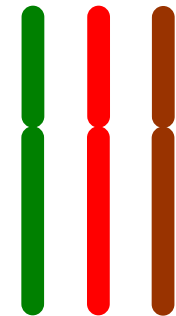
normal



trisomy 21

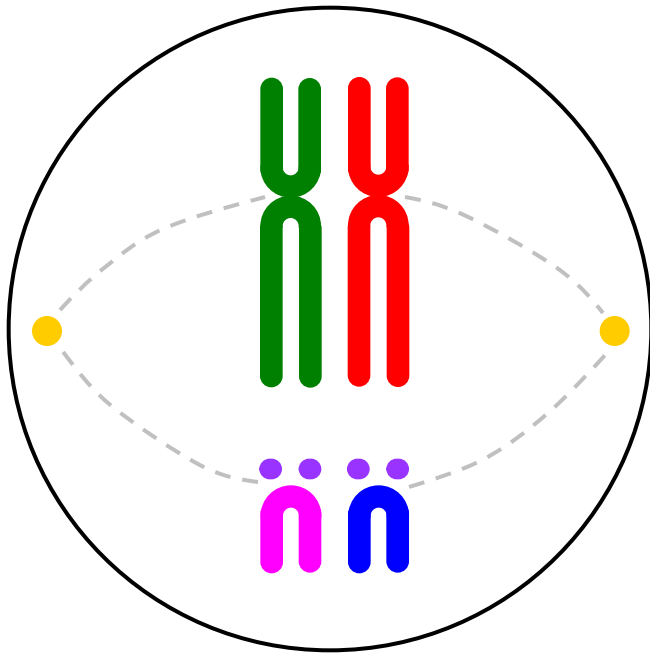


chromosome 21

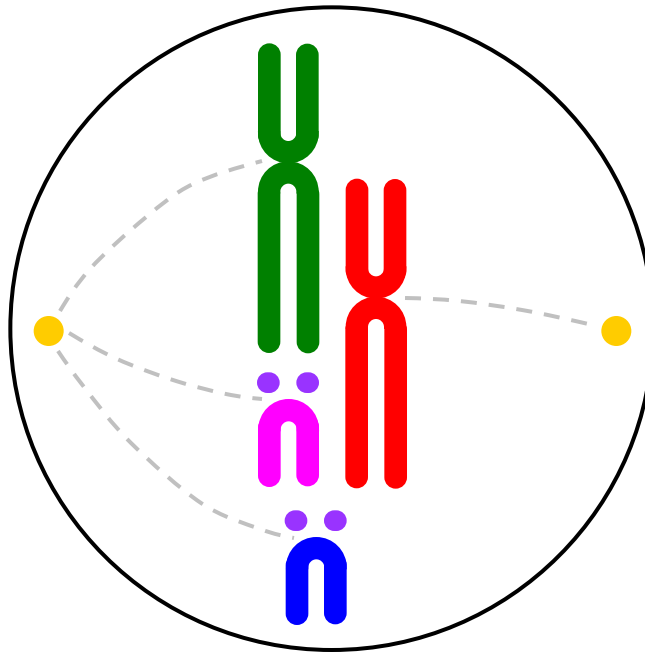


other chromosomes

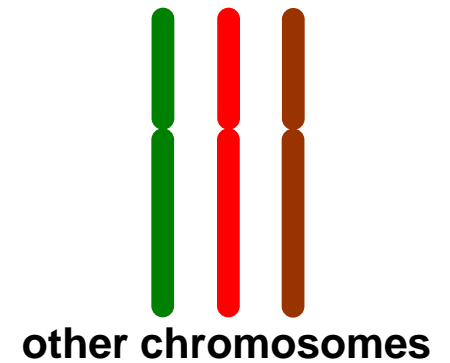
first meiotic division: metaphase I



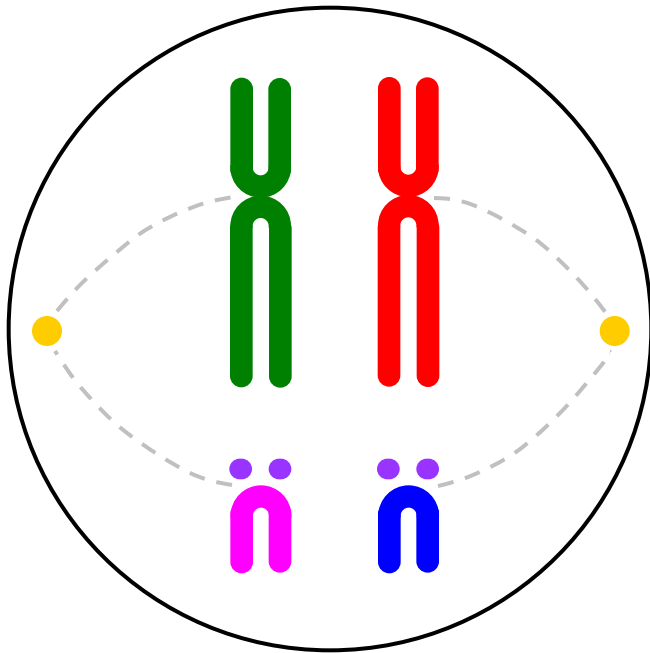
normal



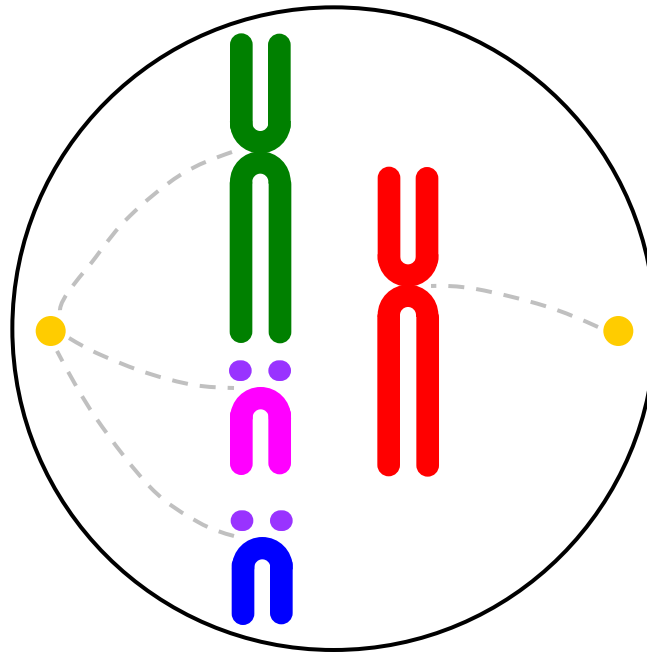
trisomy 21



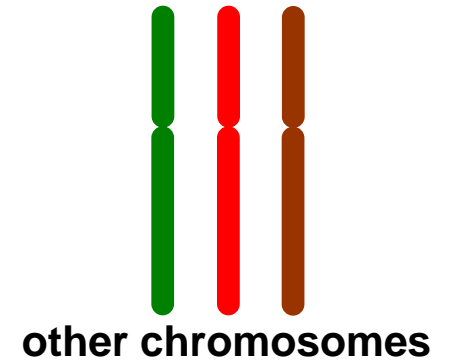
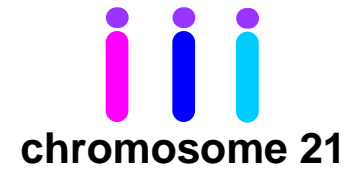
first meiotic division: metaphase I



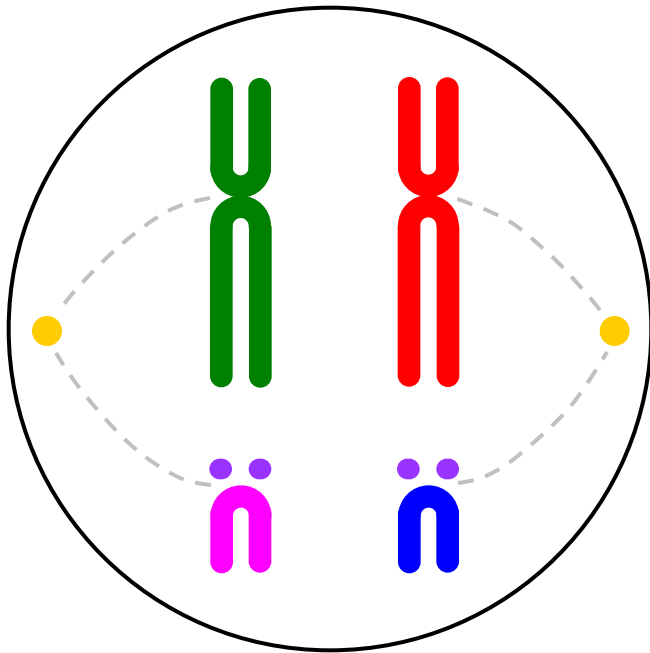
normal



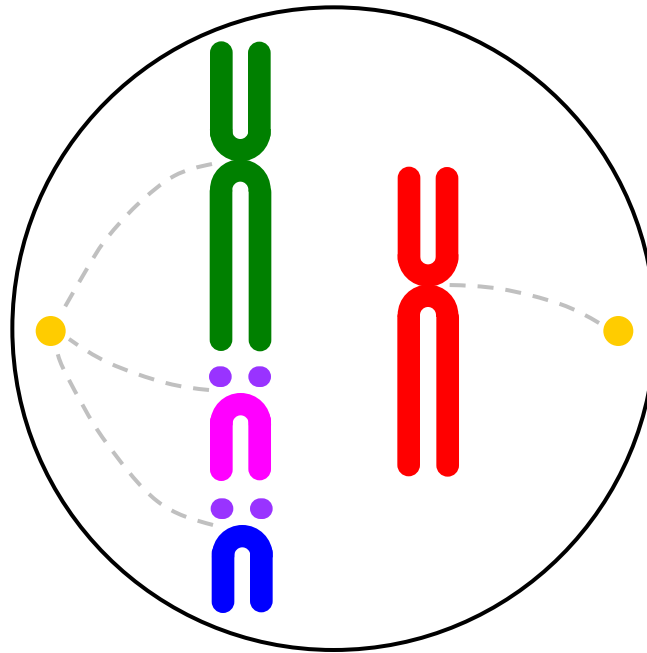
trisomy 21



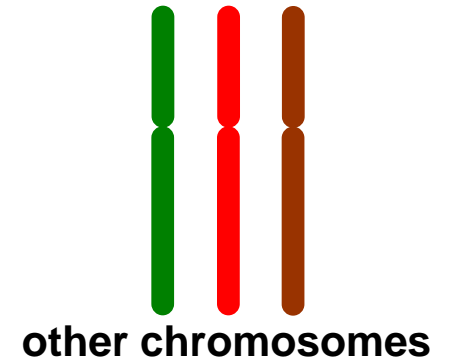
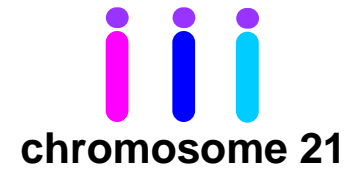
first meiotic division: anaphase I



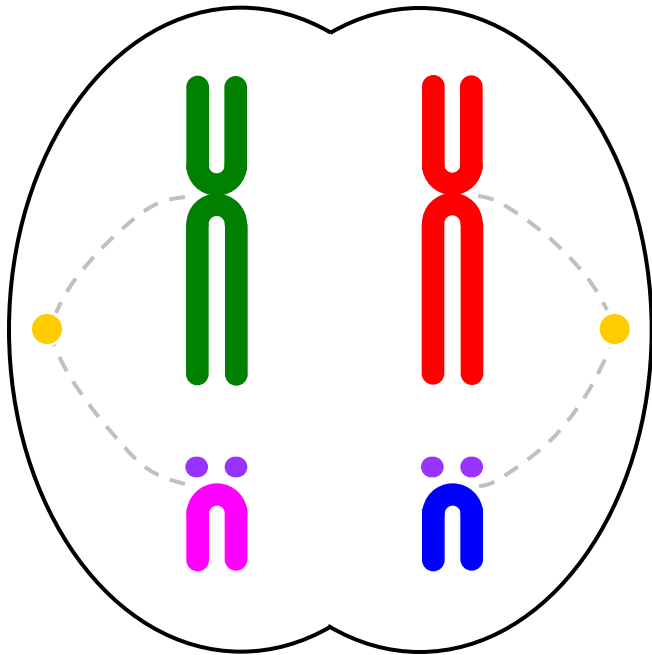
normal



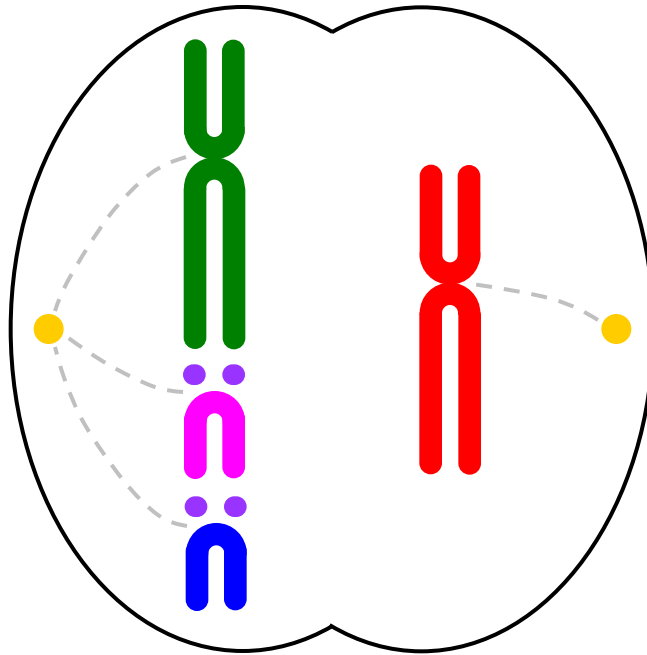
trisomy 21



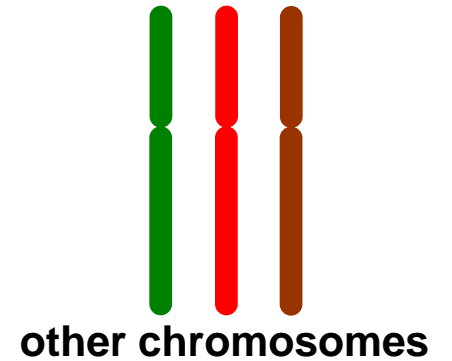
first meiotic division: telophase I



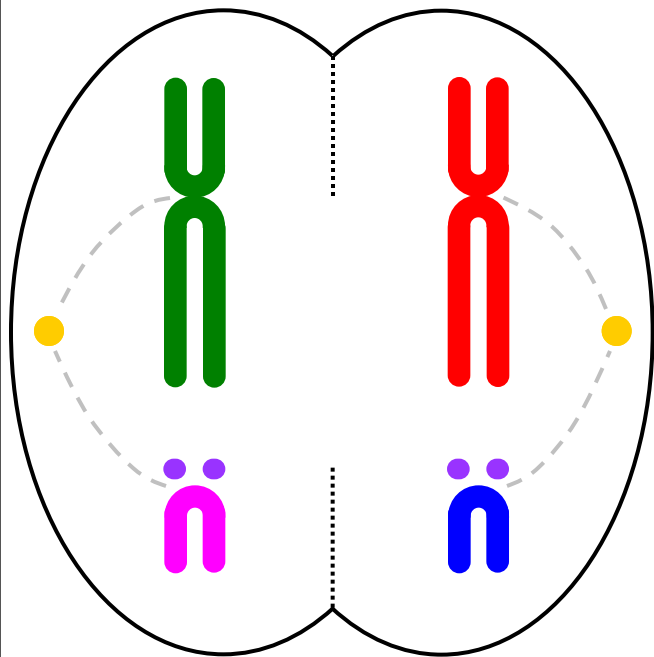
normal



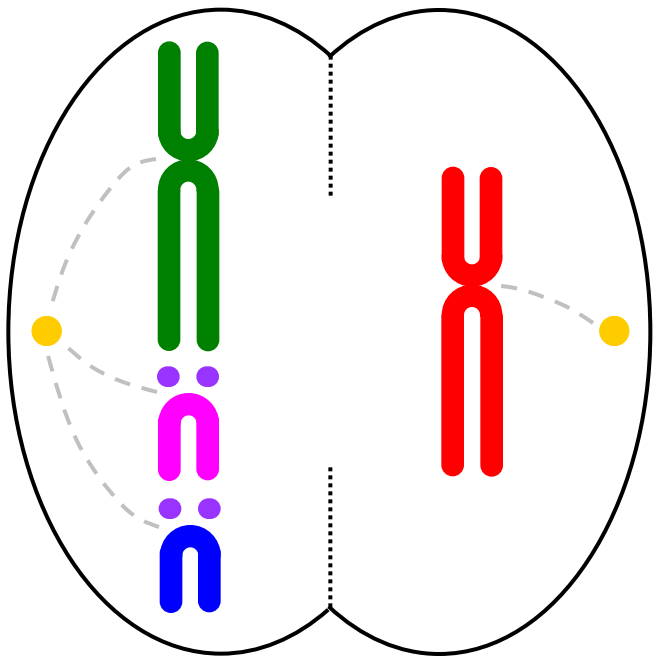
trisomy 21



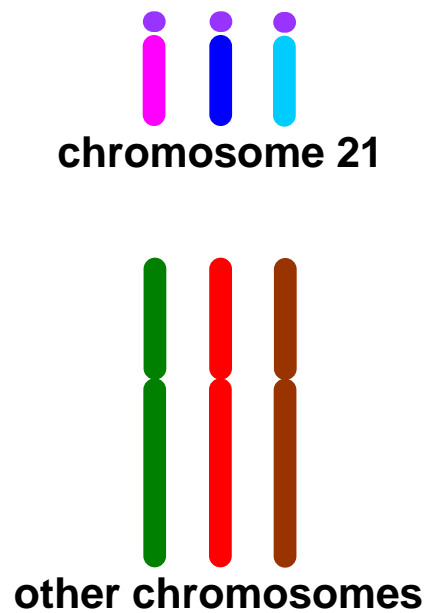
first meiotic division: telophase I



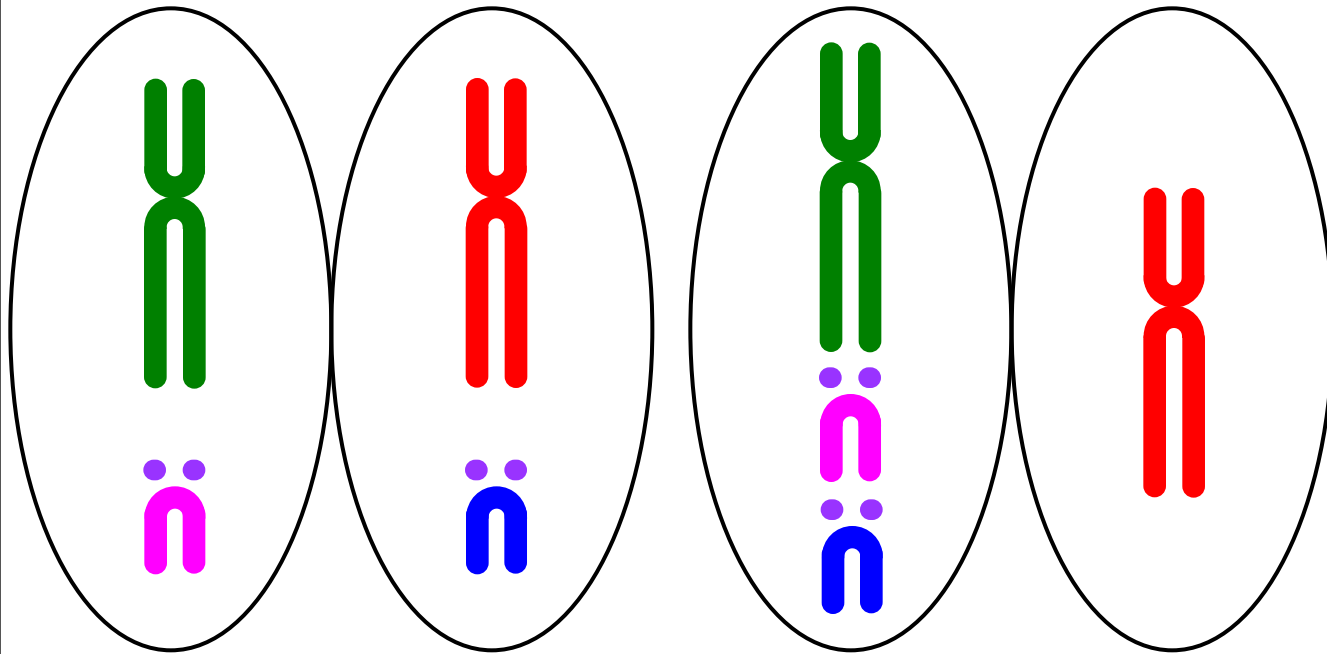
normal



trisomy 21



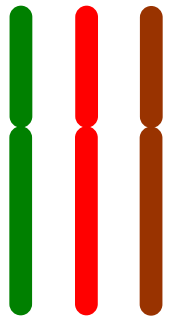
first meiotic division: telophase I: first polar body



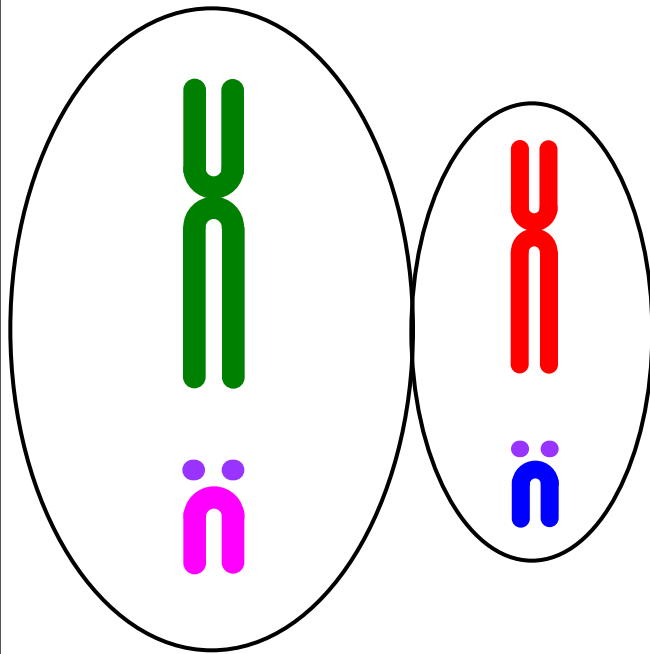
normal

trisomy 21

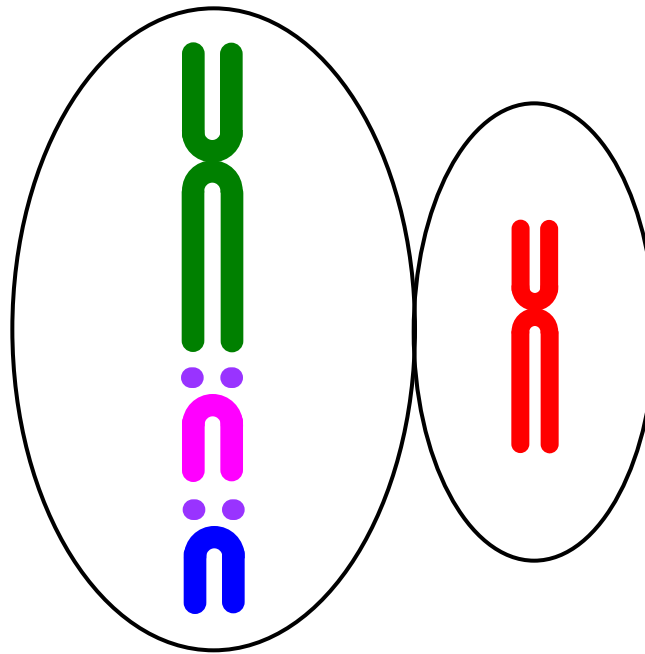

chromosome 21


other chromosomes

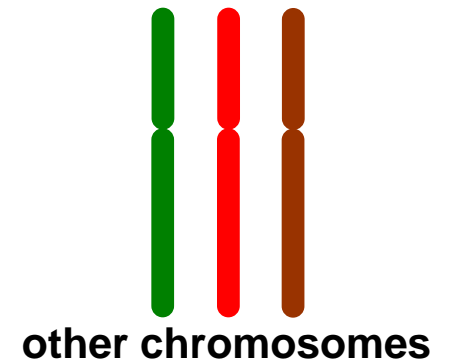
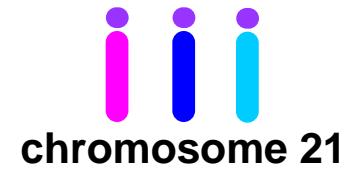
first meiotic division: telophase I: first polar body



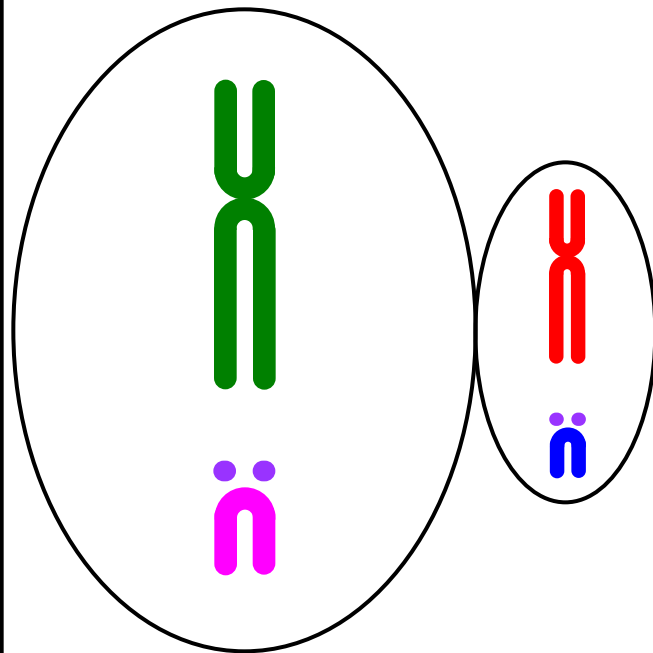
normal



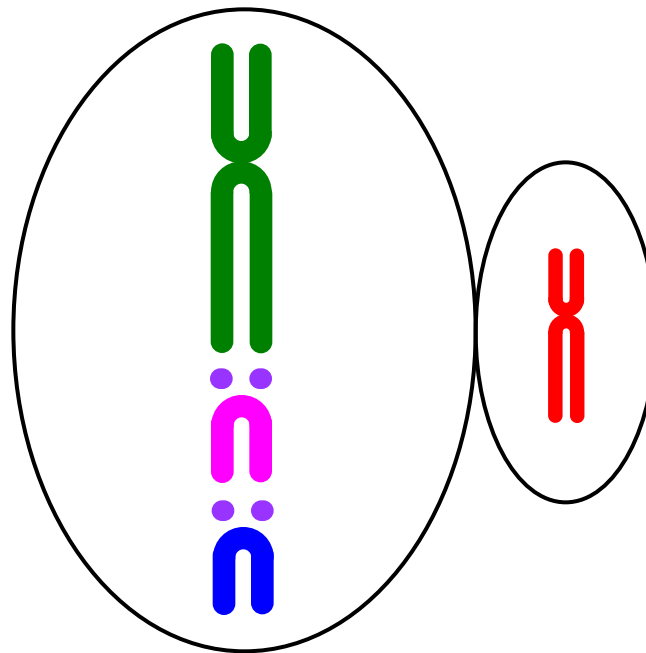
trisomy 21



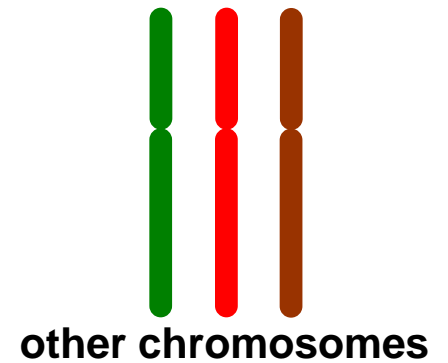
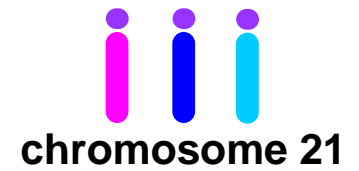
first meiotic division: telophase I: first polar body



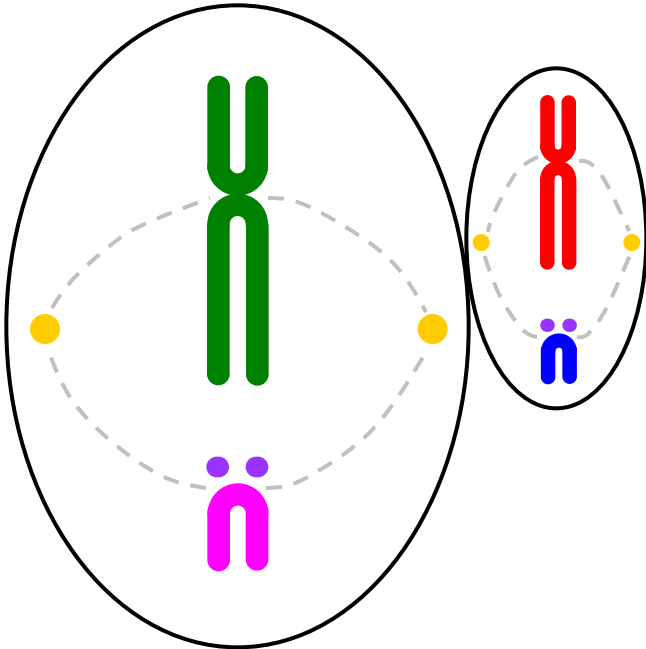
normal



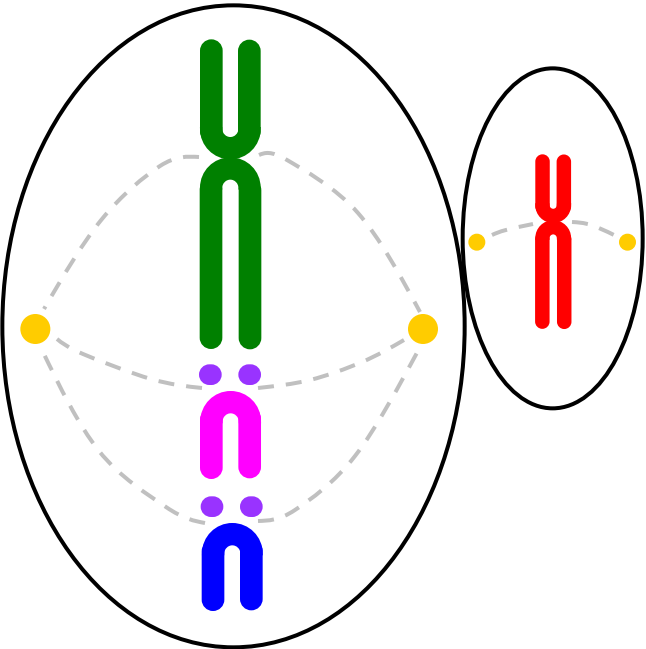
trisomy 21



second meiotic division: metaphase II



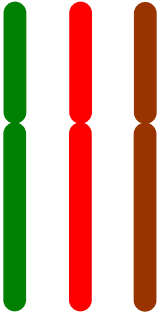
normal



trisomy 21

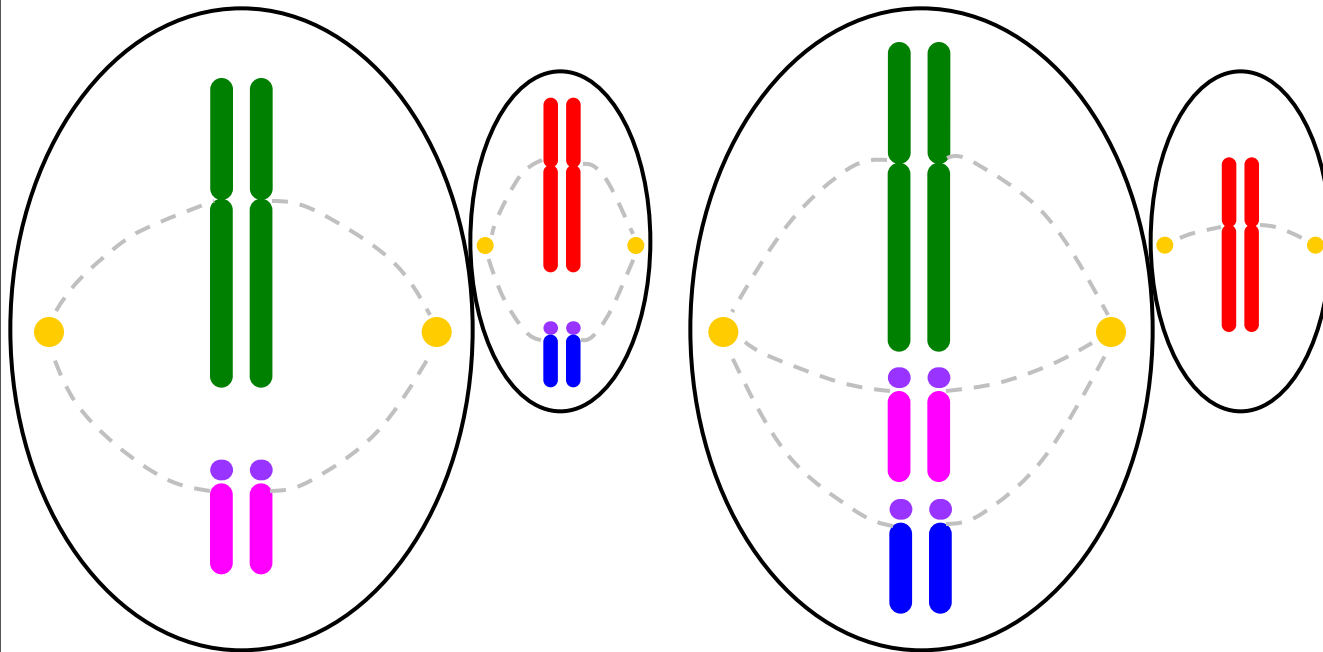


chromosome 21



other chromosomes

second meiotic division: metaphase II



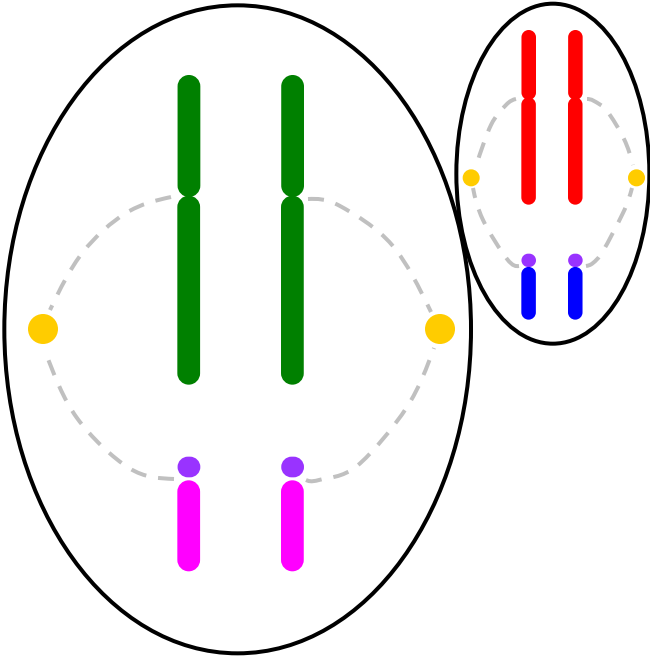
normal

trisomy 21

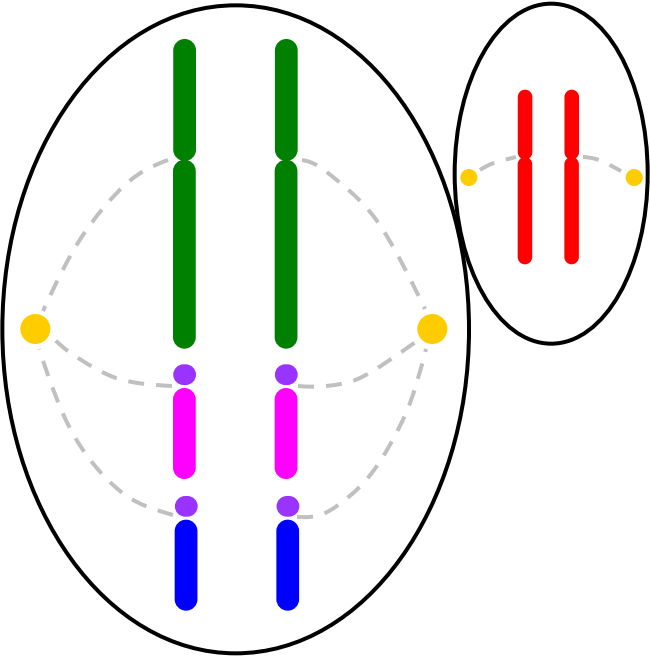
chromosome 21

other chromosomes

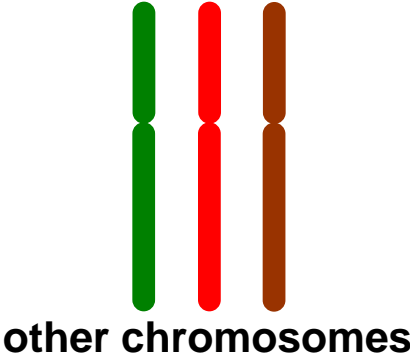
second meiotic division: anaphase II



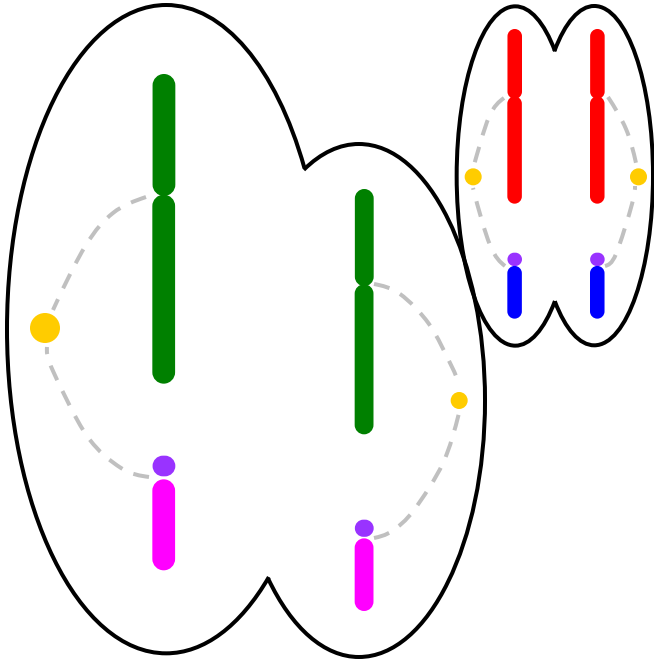
normal



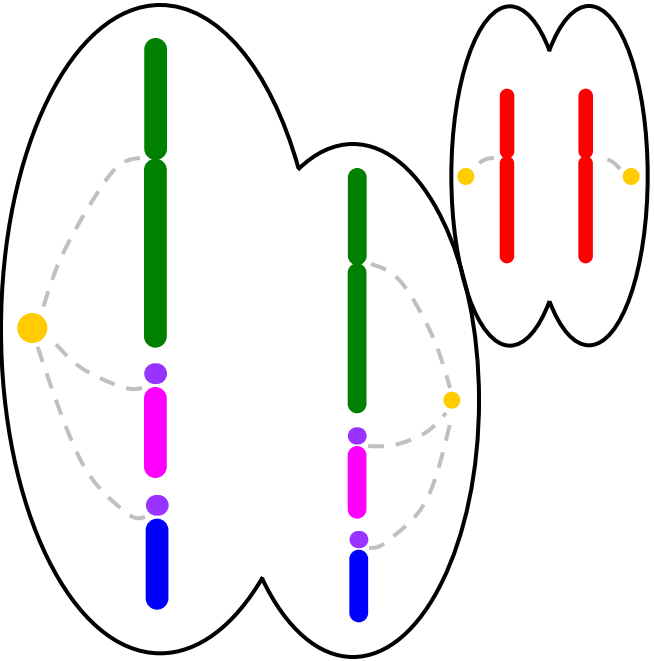
trisomy 21



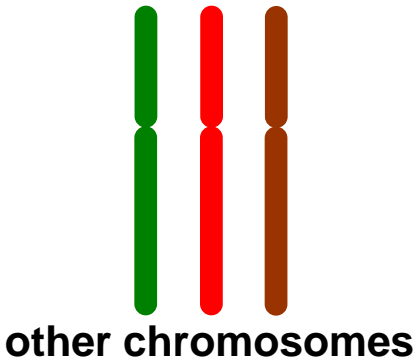
second meiotic division: telophase II



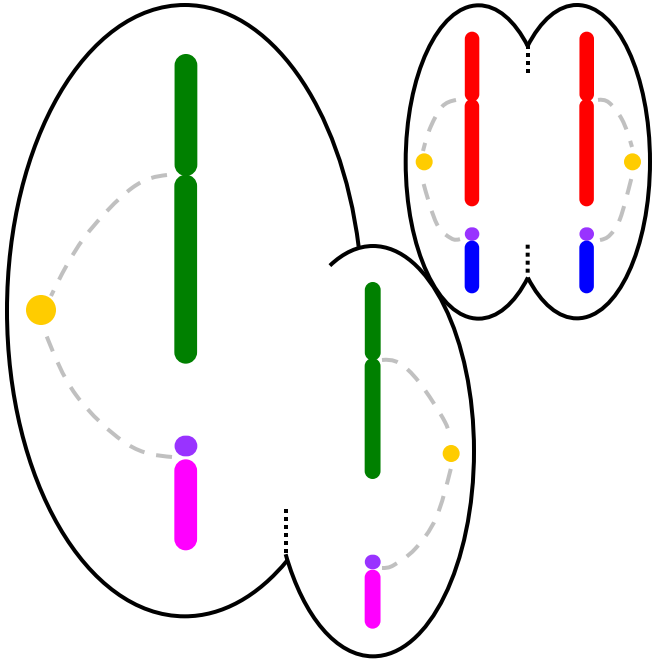
normal



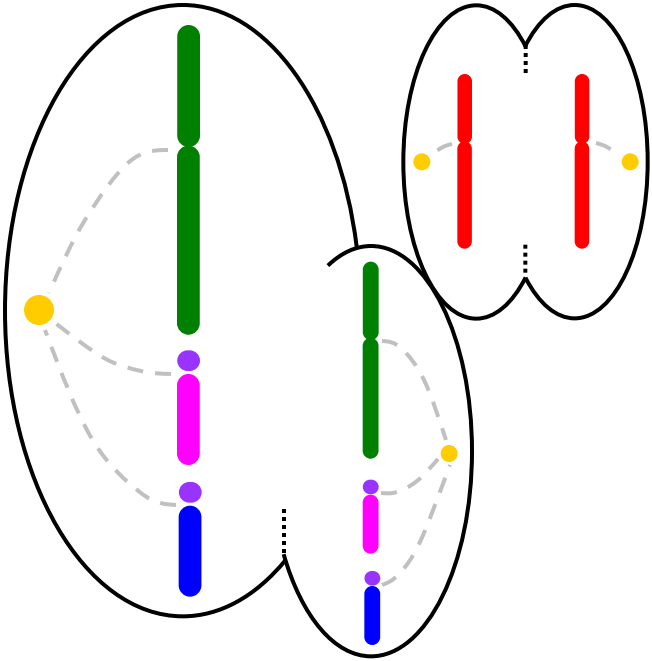
trisomy 21



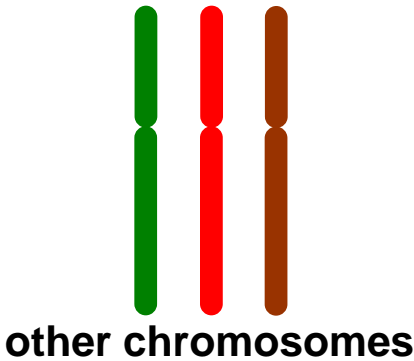
second meiotic division: telophase II



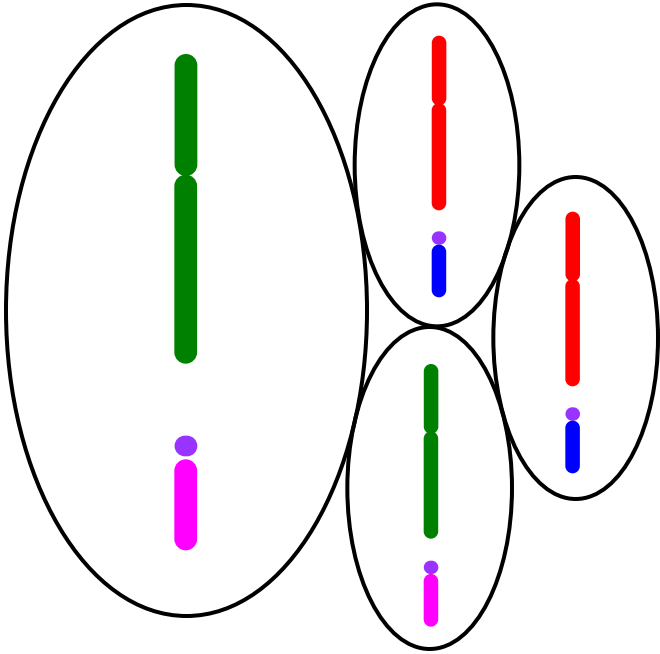
normal



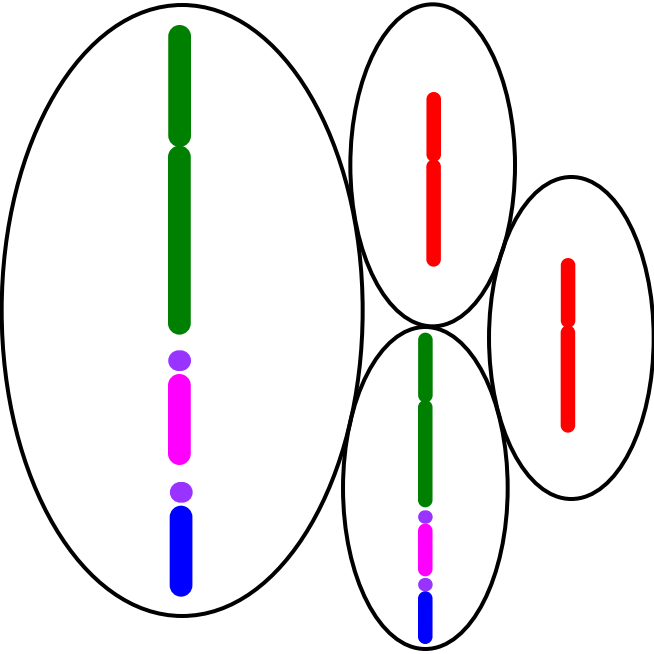
trisomy 21



second meiotic division: second polar bodies



normal

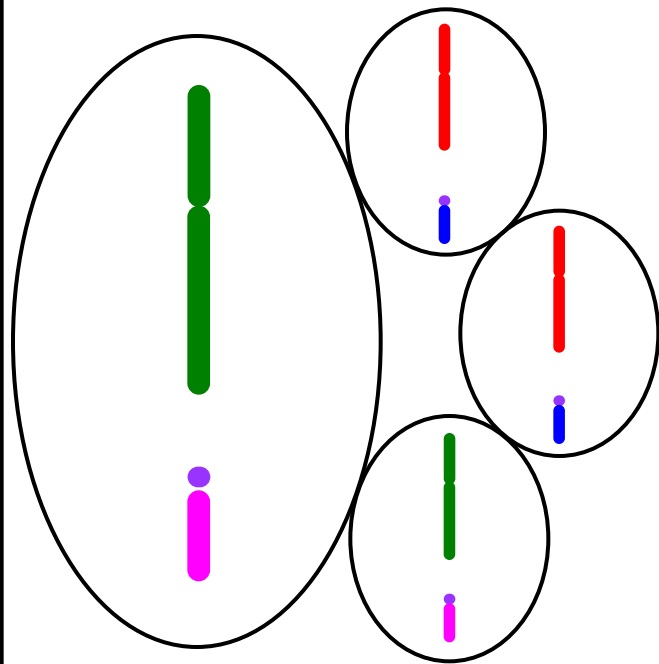


trisomy 21

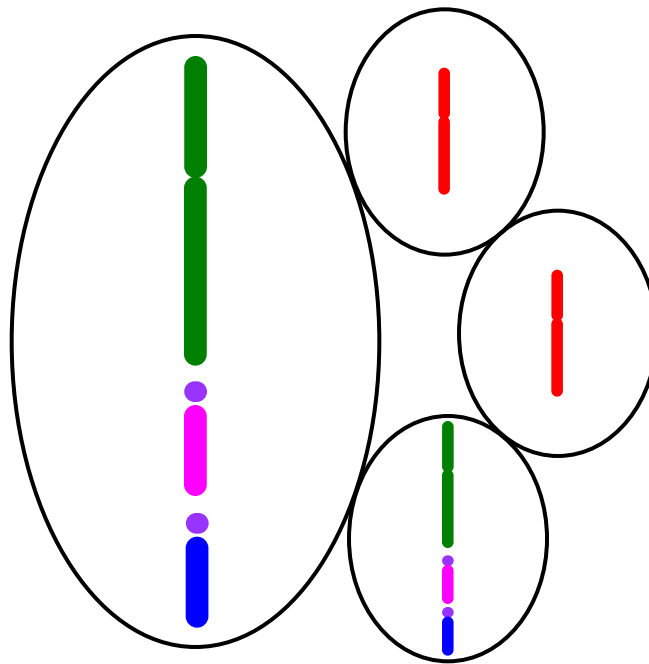
chromosome 21

other chromosomes

second meiotic division: second polar bodies



normal

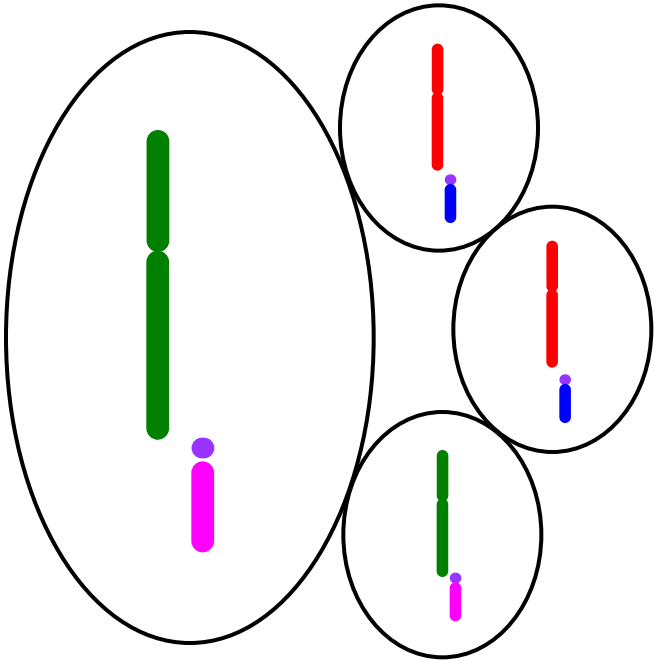


trisomy 21

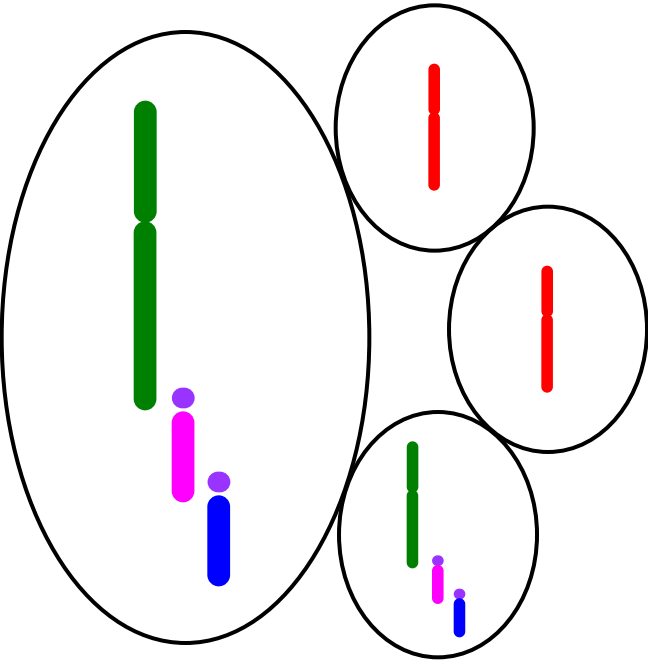
chromosome 21

other chromosomes

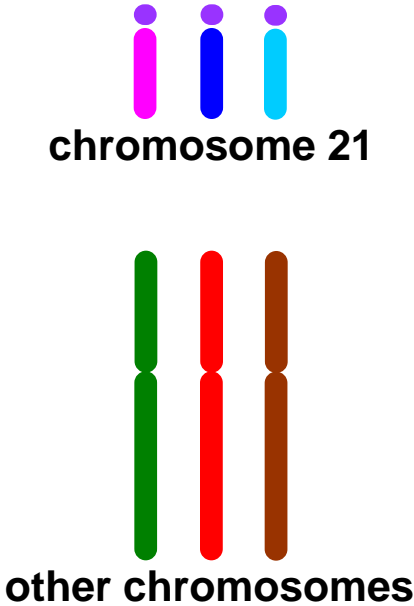
second meiotic division: second polar bodies



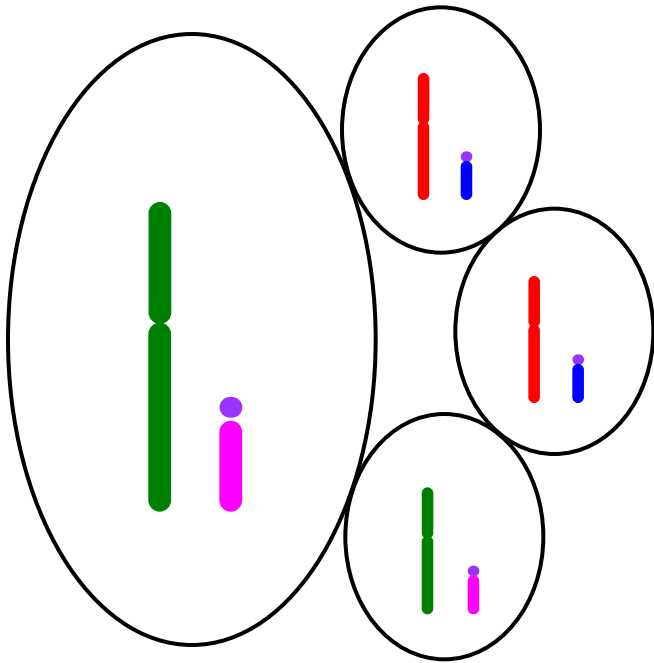
normal



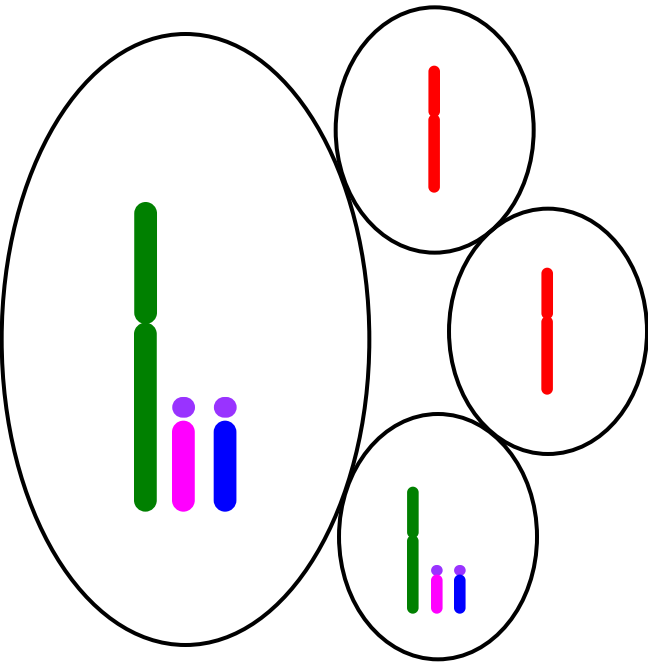
trisomy 21



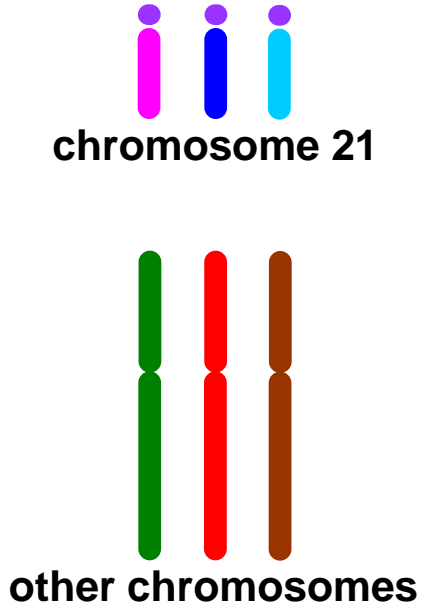
second meiotic division: second polar bodies



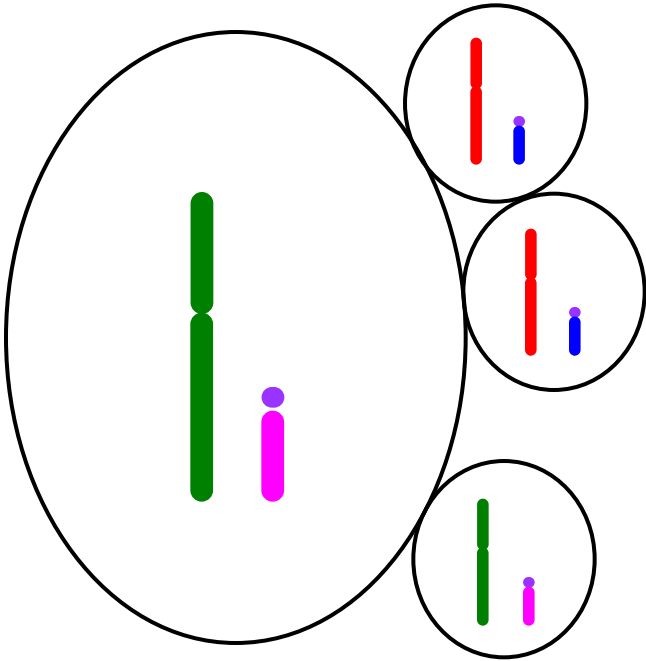
normal



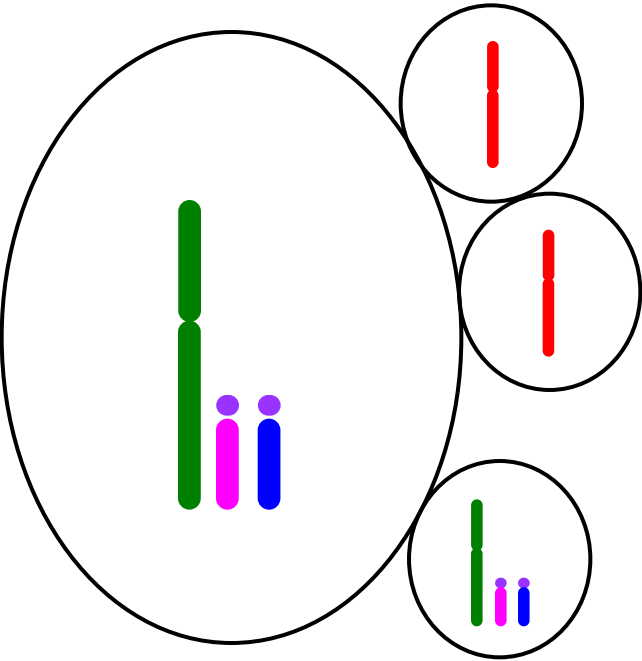
trisomy 21



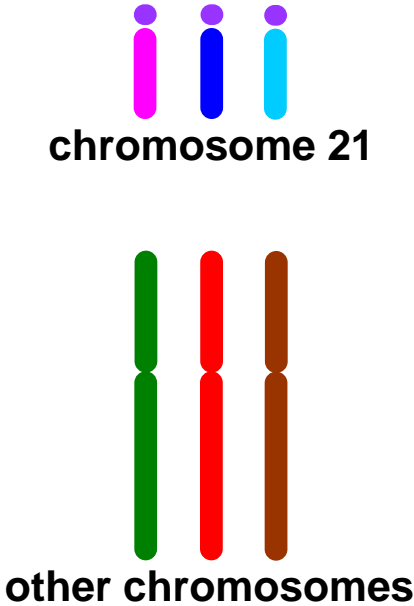
second meiotic division: second polar bodies



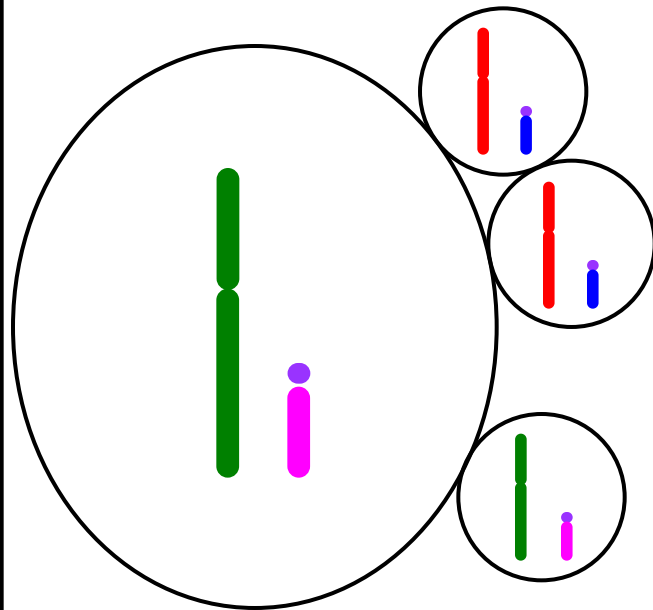
normal



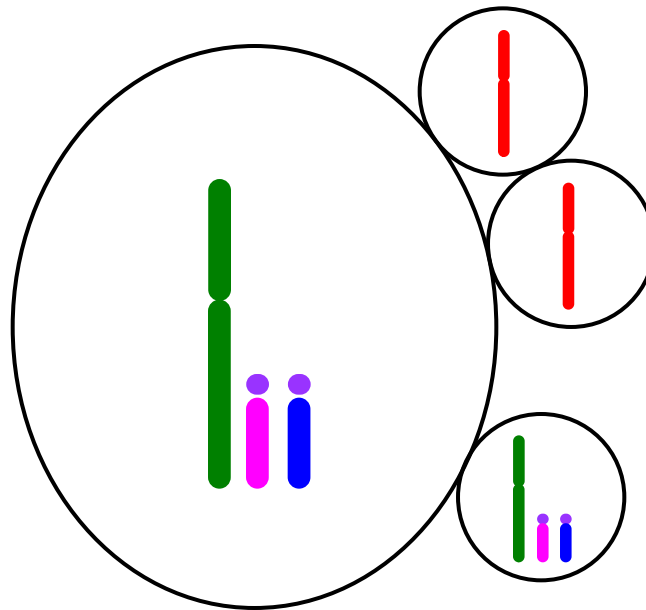
trisomy 21



second meiotic division: second polar bodies



normal

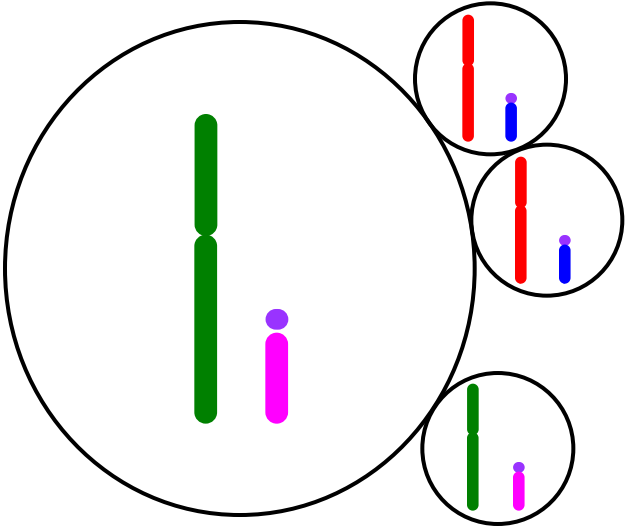


trisomy 21

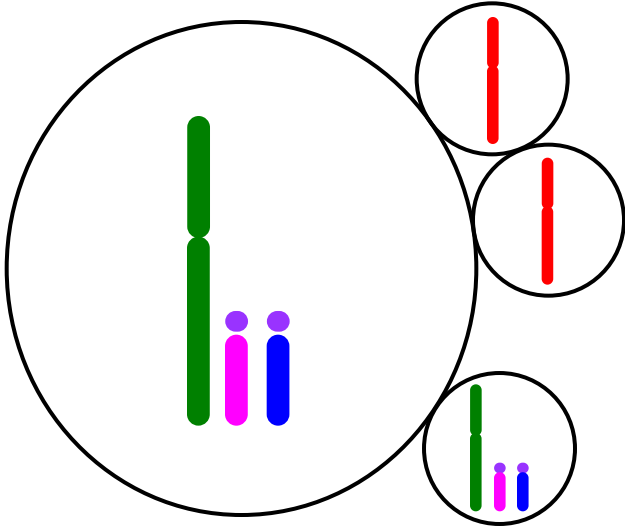
chromosome 21

other chromosomes

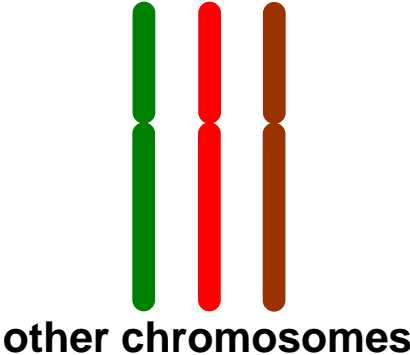
second meiotic division: second polar bodies



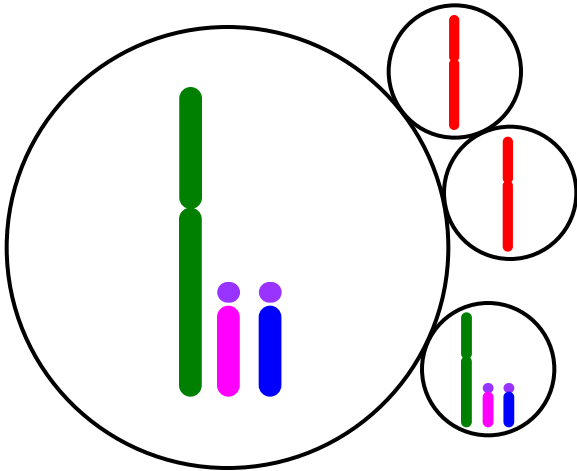
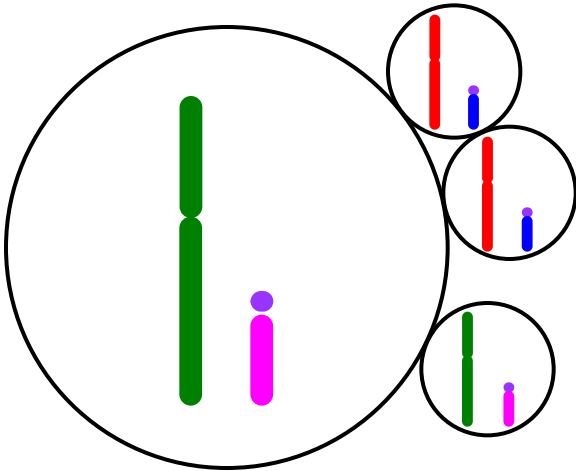
normal



trisomy 21



second meiotic division: second polar bodies



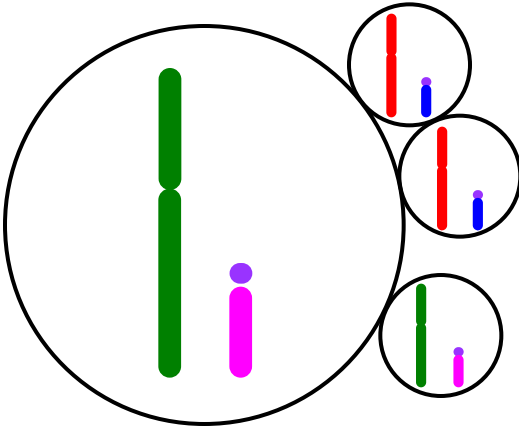
chromosome 21

other chromosomes

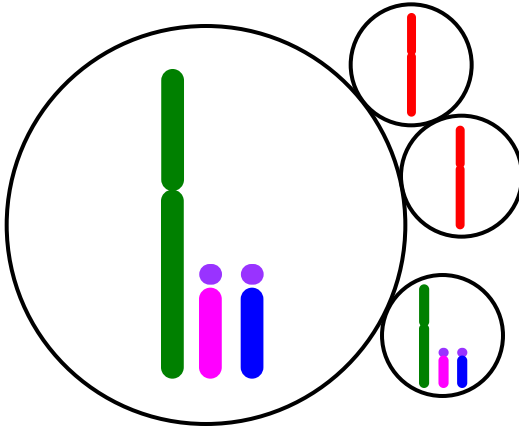
normal

trisomy 21

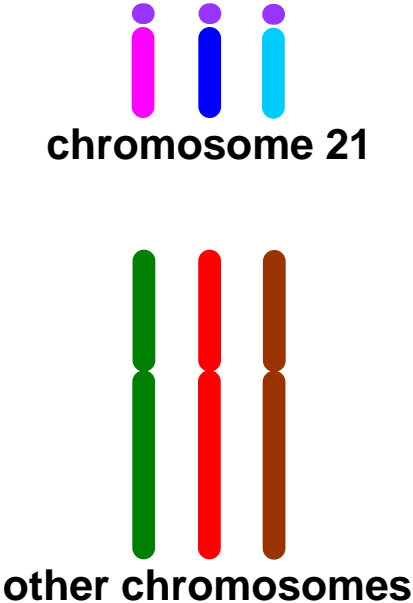
second meiotic division: second polar bodies



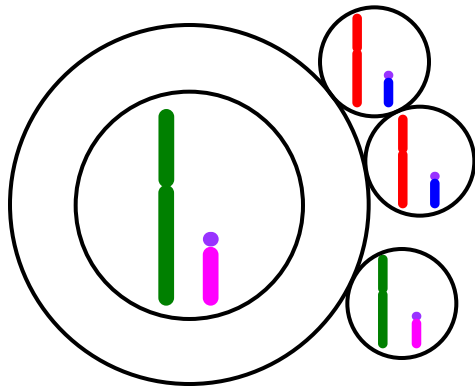
normal



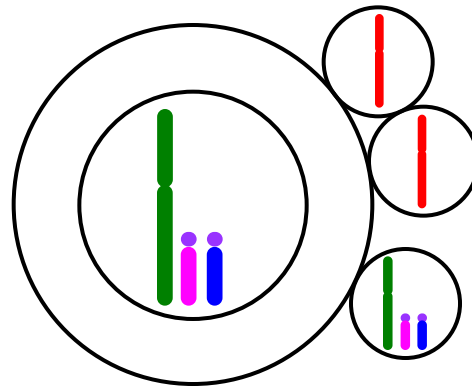
trisomy 21



second meiotic division: second polar bodies



normal

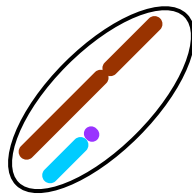
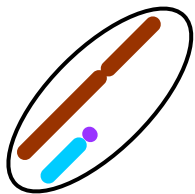
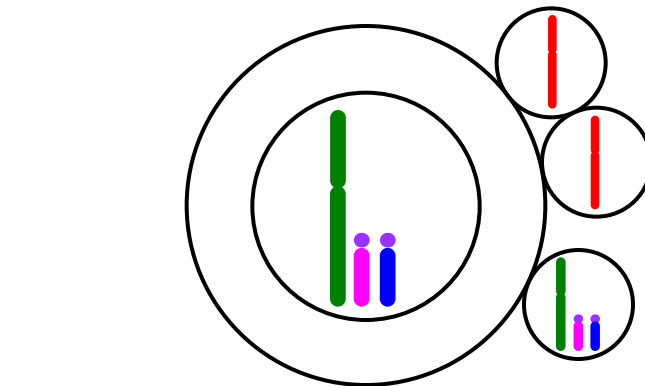
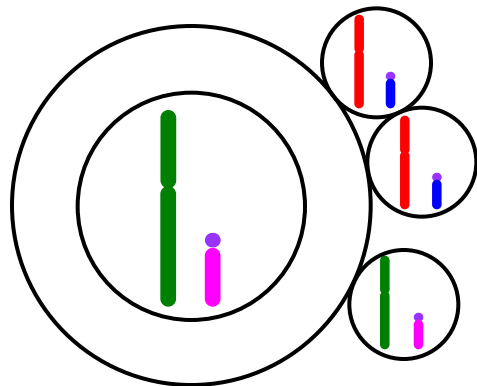


trisomy 21

chromosome 21

other chromosomes

fertilization



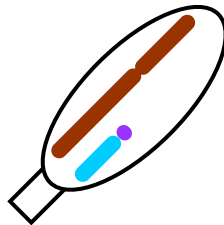
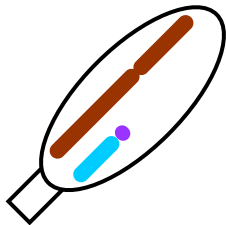
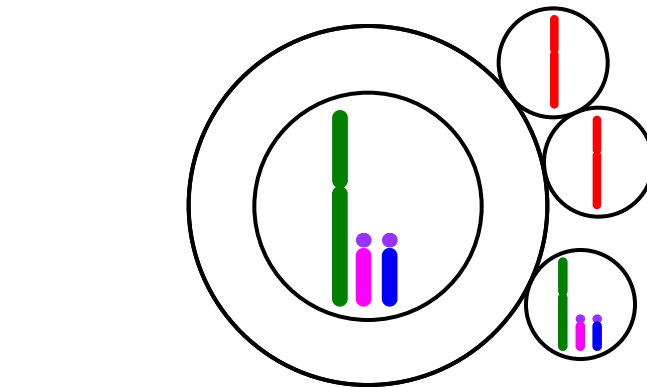
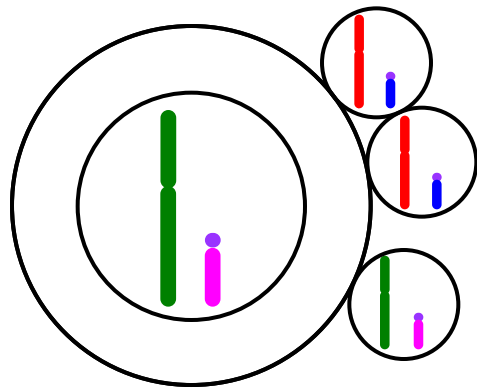
chromosome 21

other chromosomes

normal

trisomy 21

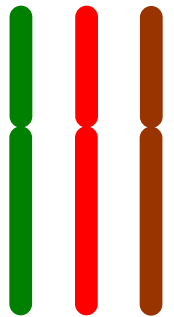
fertilization



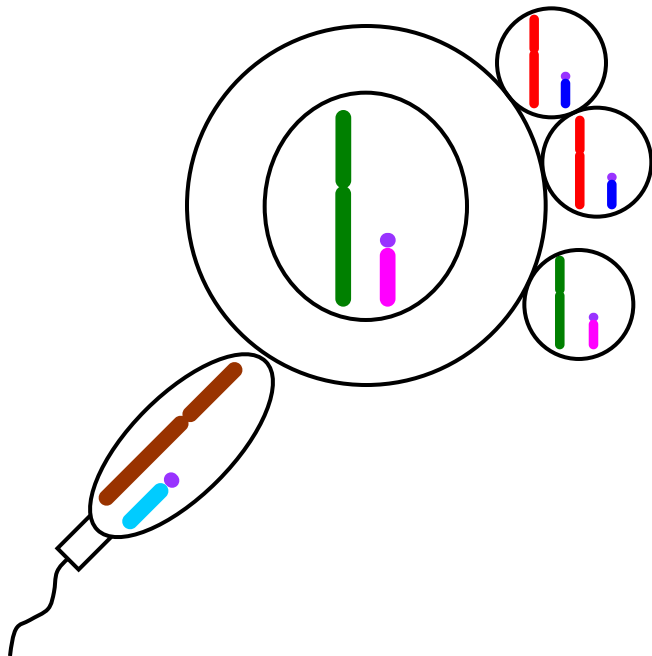
normal

trisomy 21

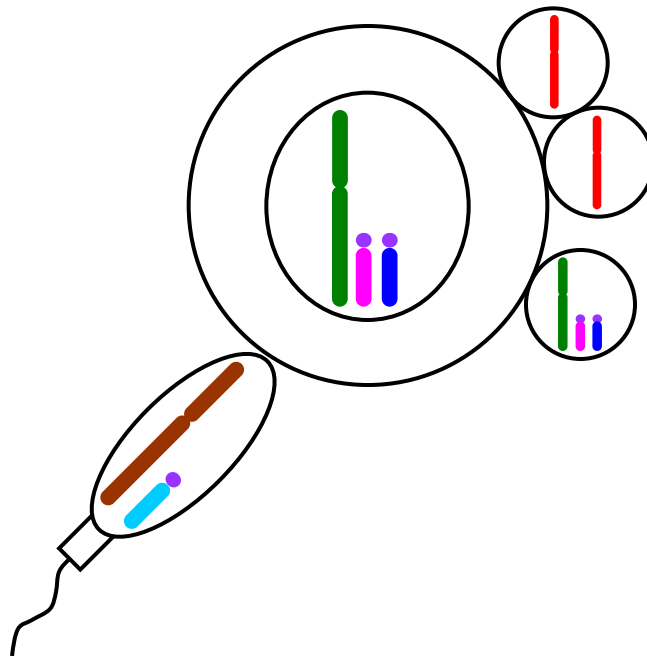

chromosome 21


other chromosomes

fertilization



normal

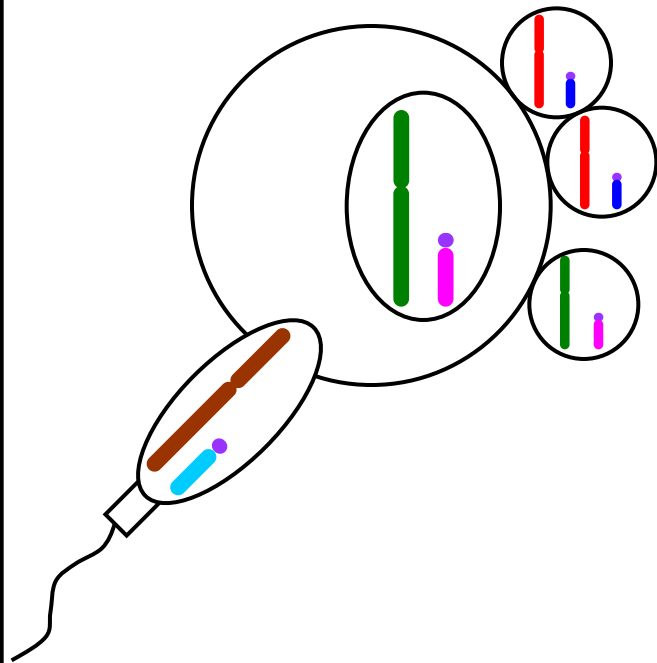


trisomy 21

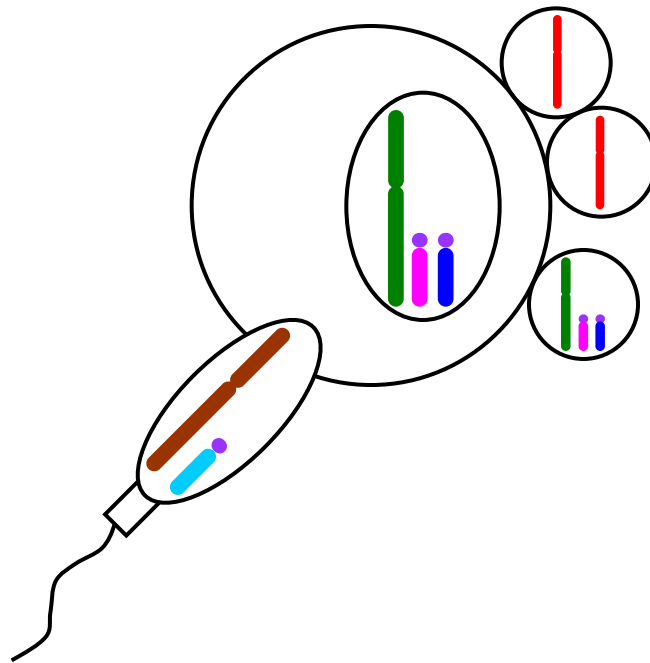
chromosome 21

other chromosomes

fertilization



normal

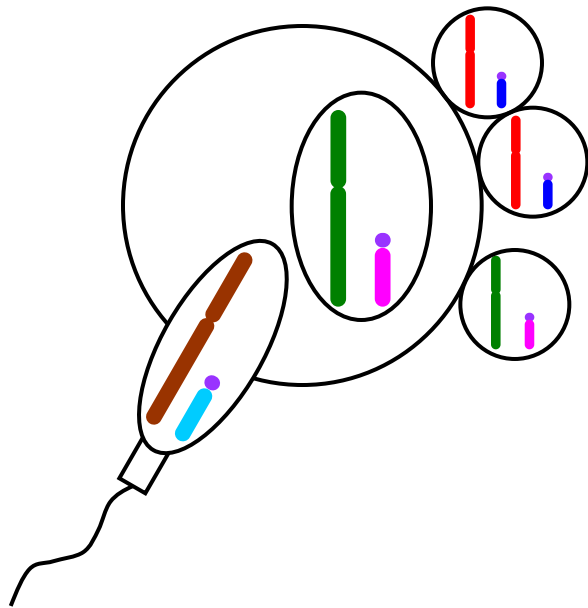


trisomy 21

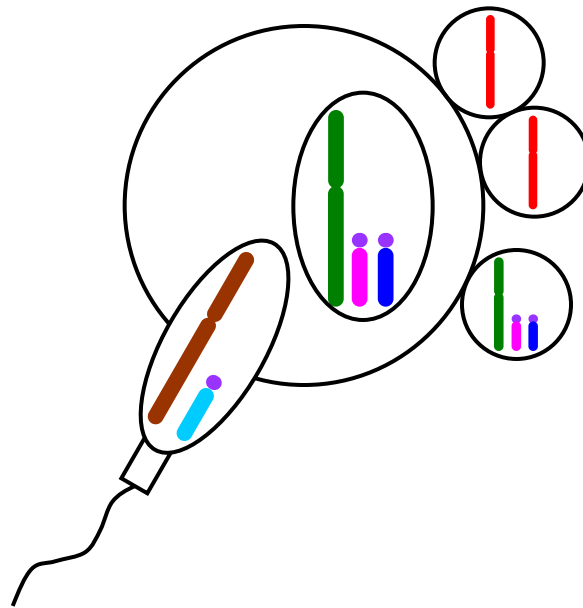
chromosome 21

other chromosomes

fertilization



normal

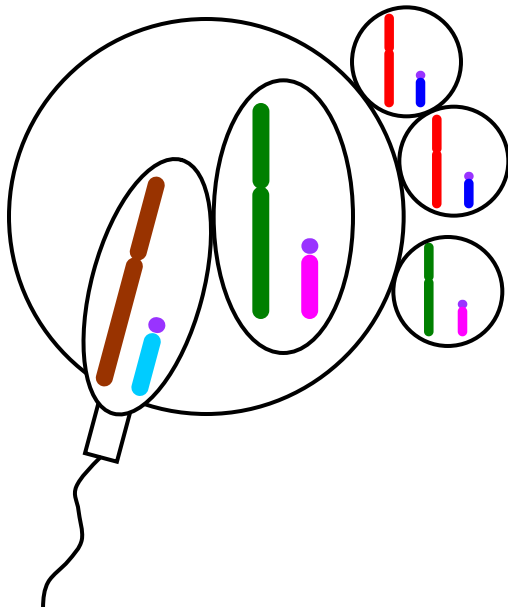


trisomy 21

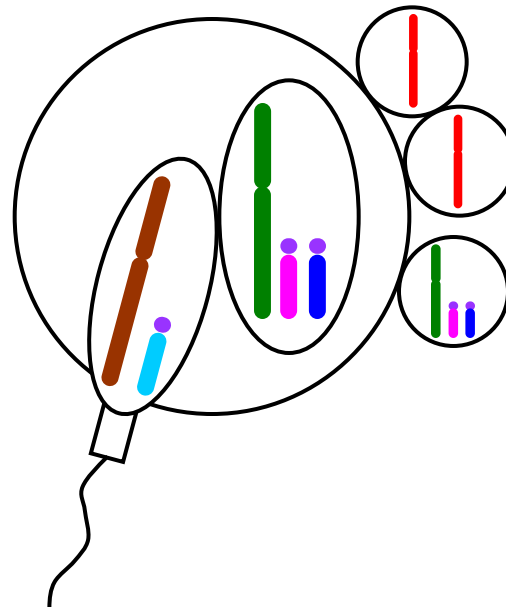
chromosome 21

other chromosomes

fertilization



normal

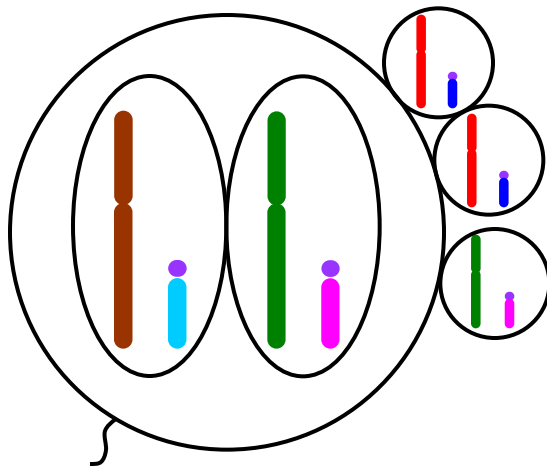


trisomy 21

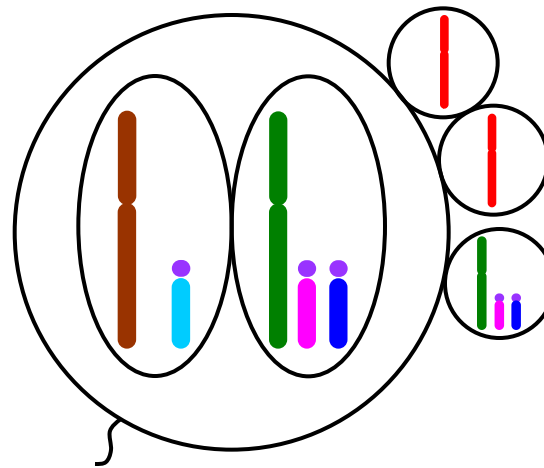
chromosome 21

other chromosomes

fertilization



normal

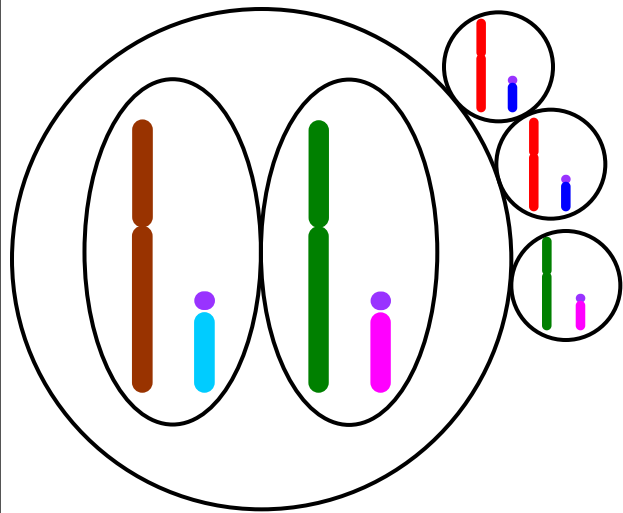


trisomy 21

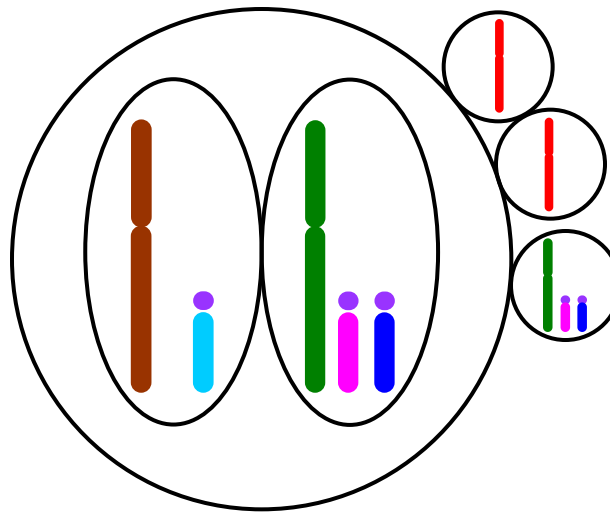
chromosome 21

other chromosomes

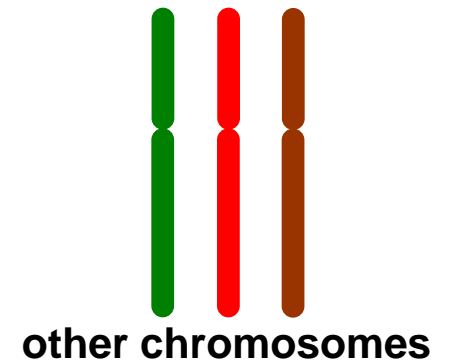
fertilization



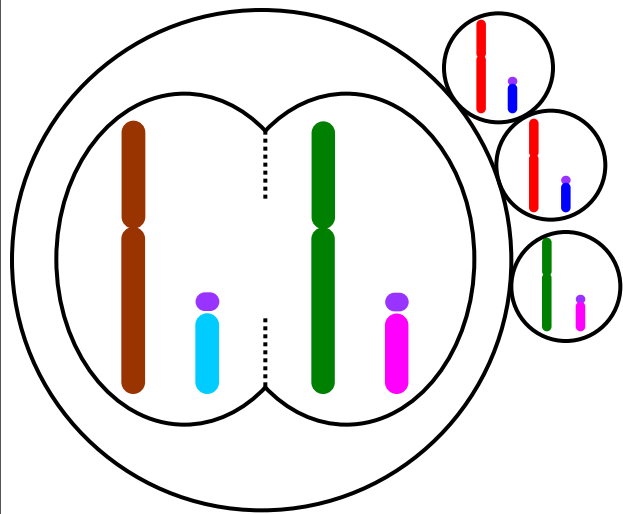
normal



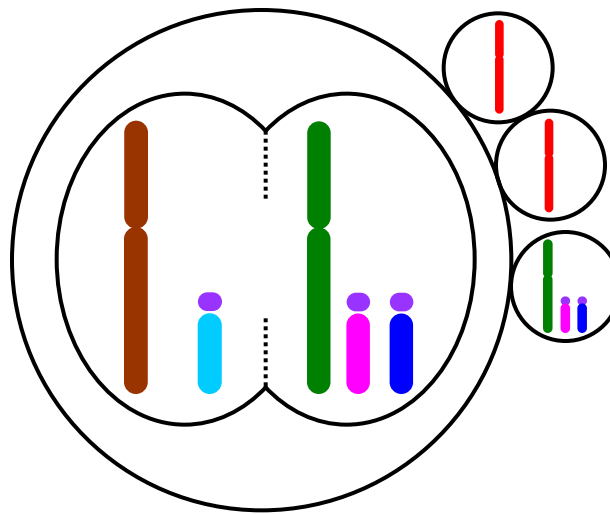
trisomy 21



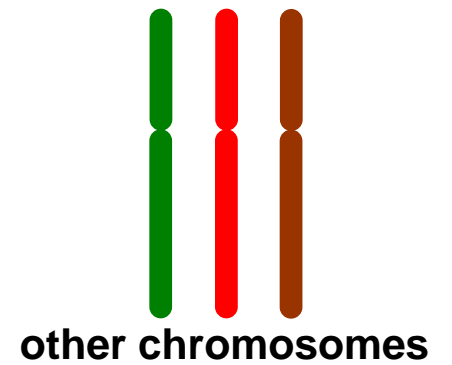
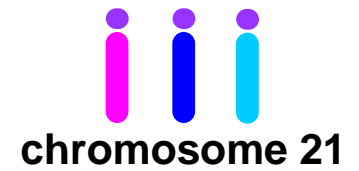
fertilization



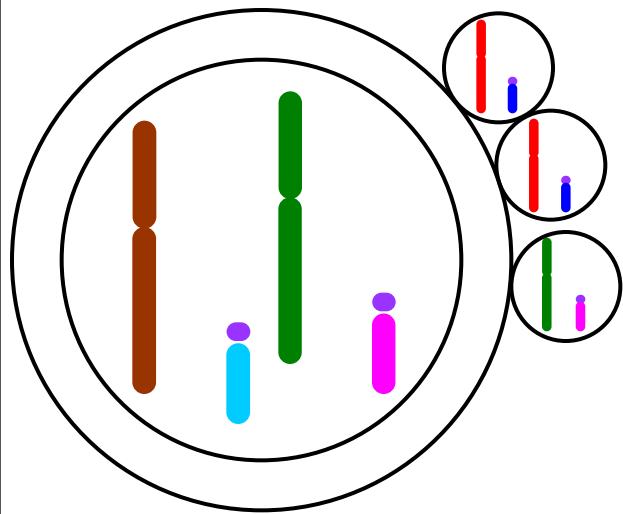
normal



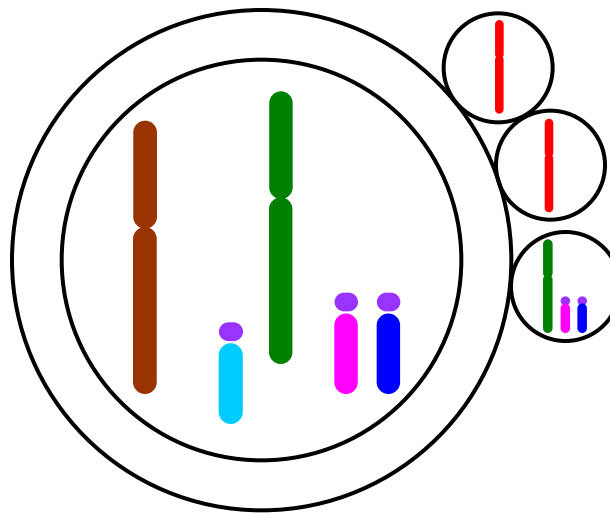
trisomy 21



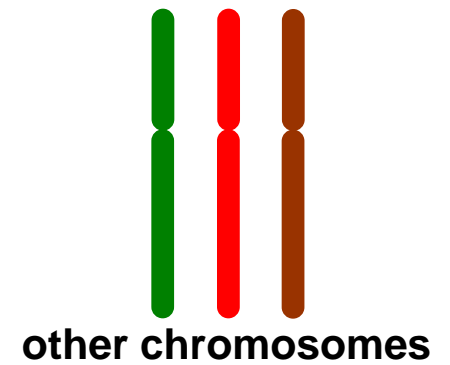
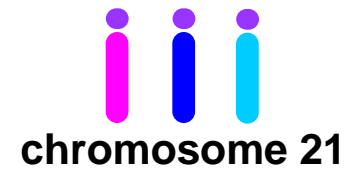
fertilization



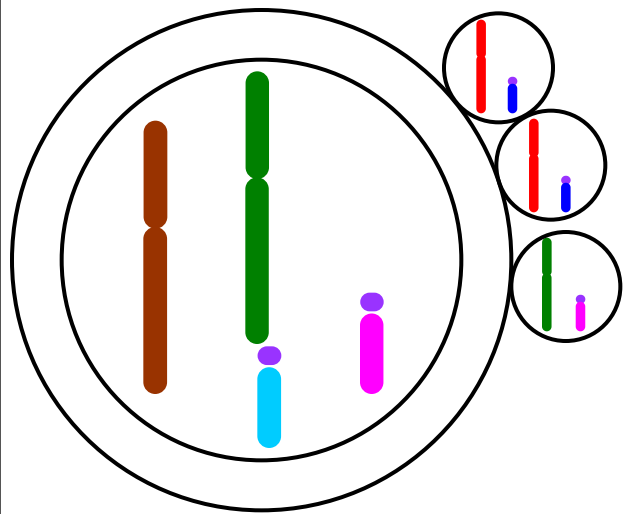
normal



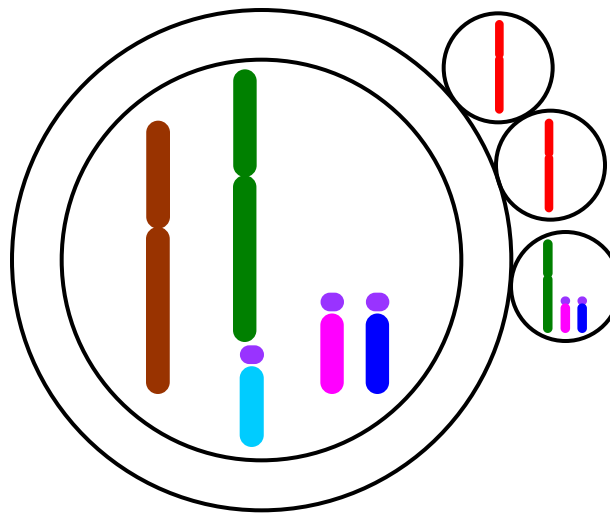
trisomy 21



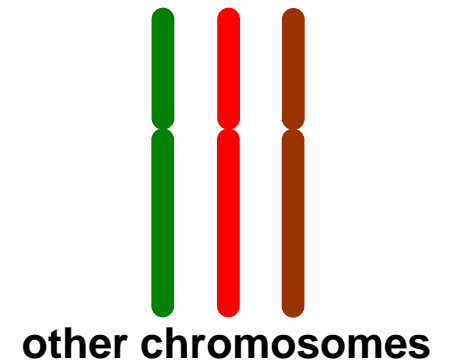
fertilization



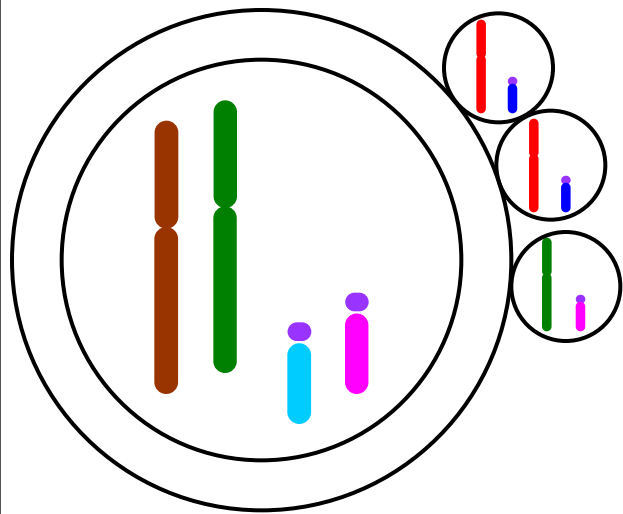
normal



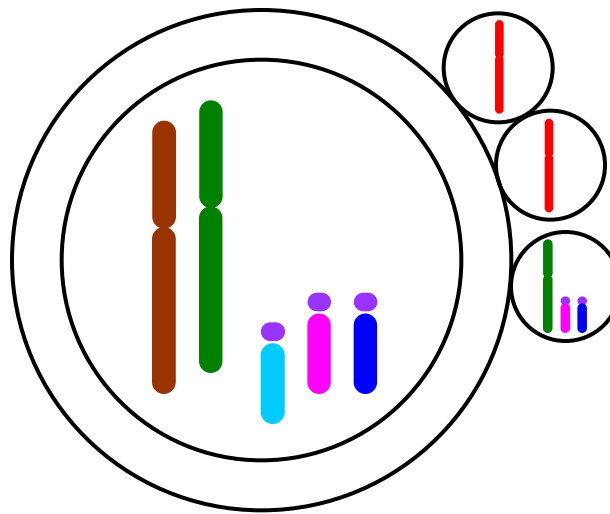
trisomy 21



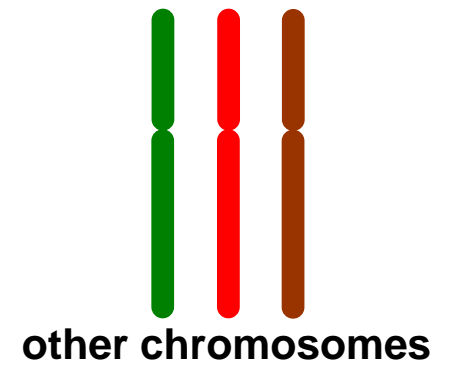
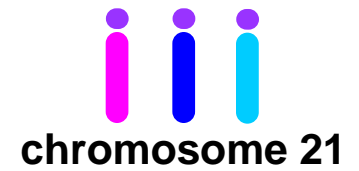
fertilization



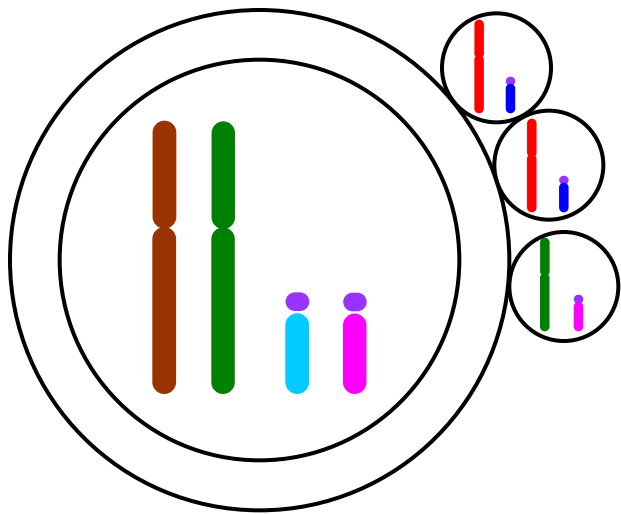
normal



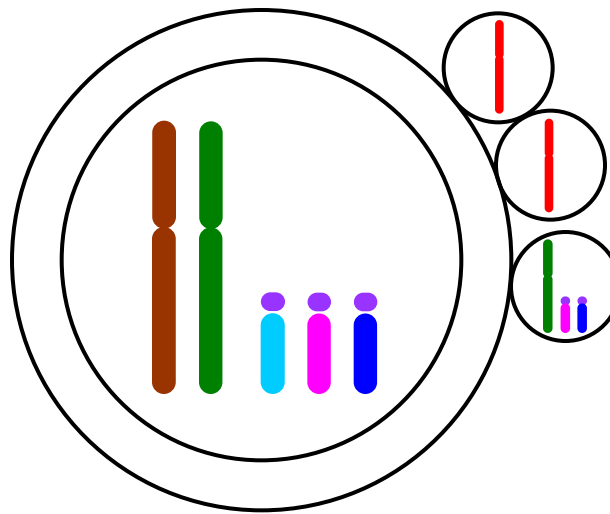
trisomy 21



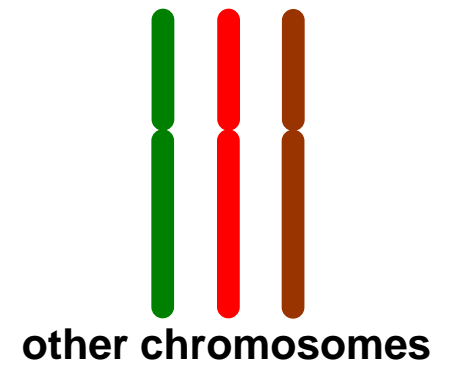
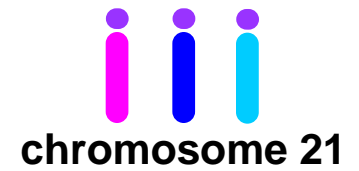
fertilization



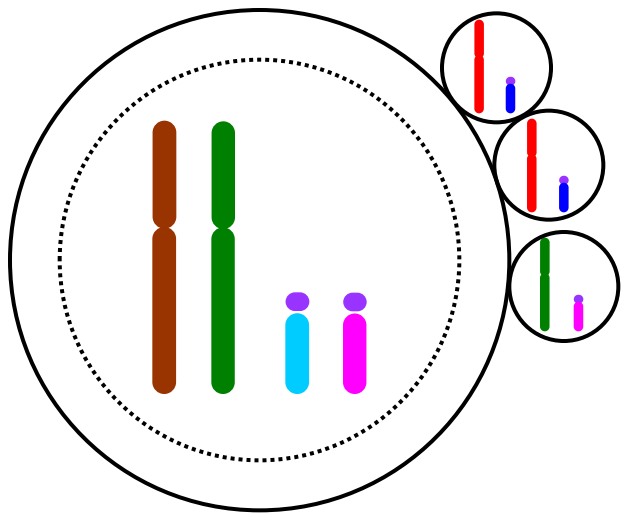
normal



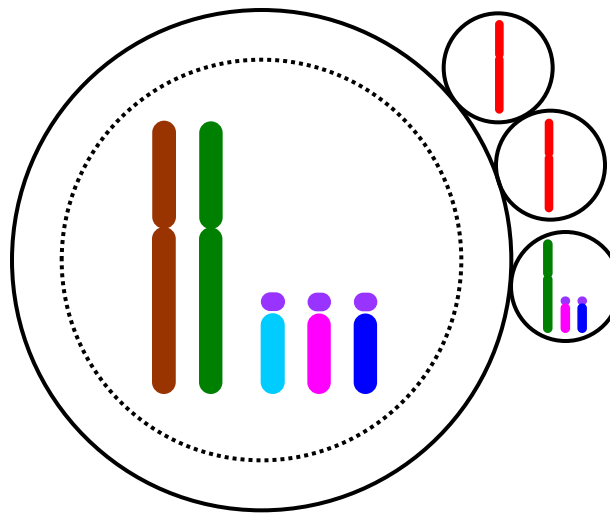
trisomy 21



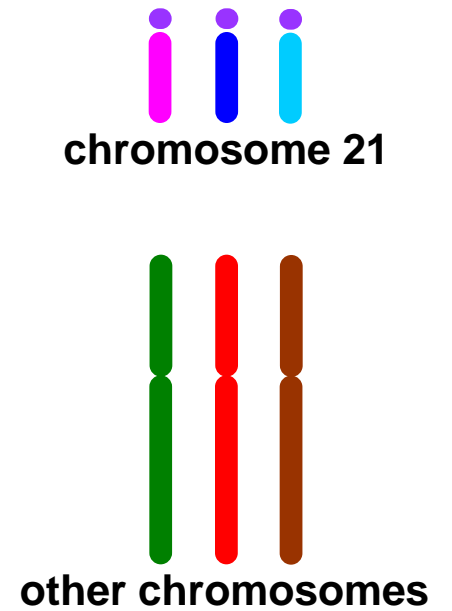
fertilization



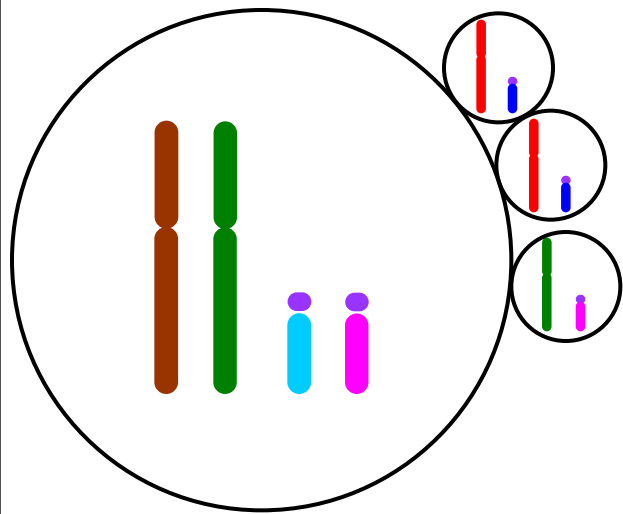
normal



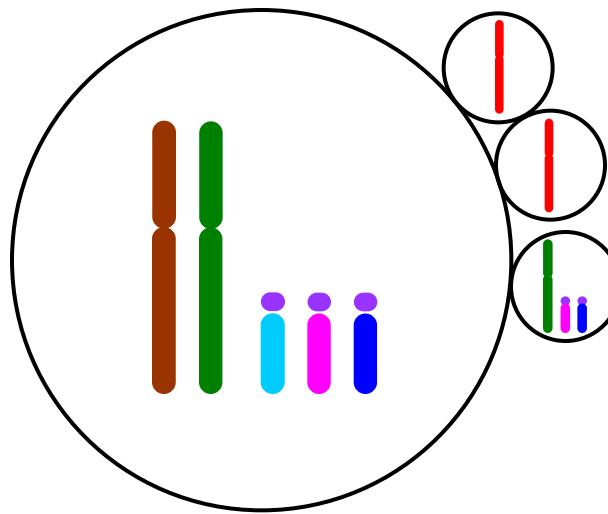
trisomy 21



cleavage (mitosis): prophase



normal



trisomy 21

