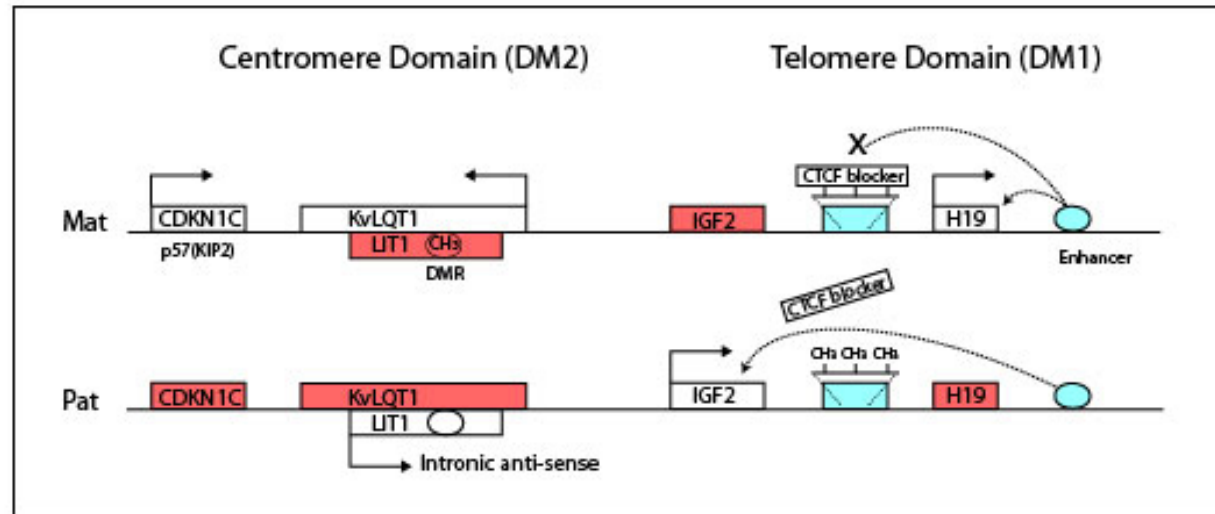


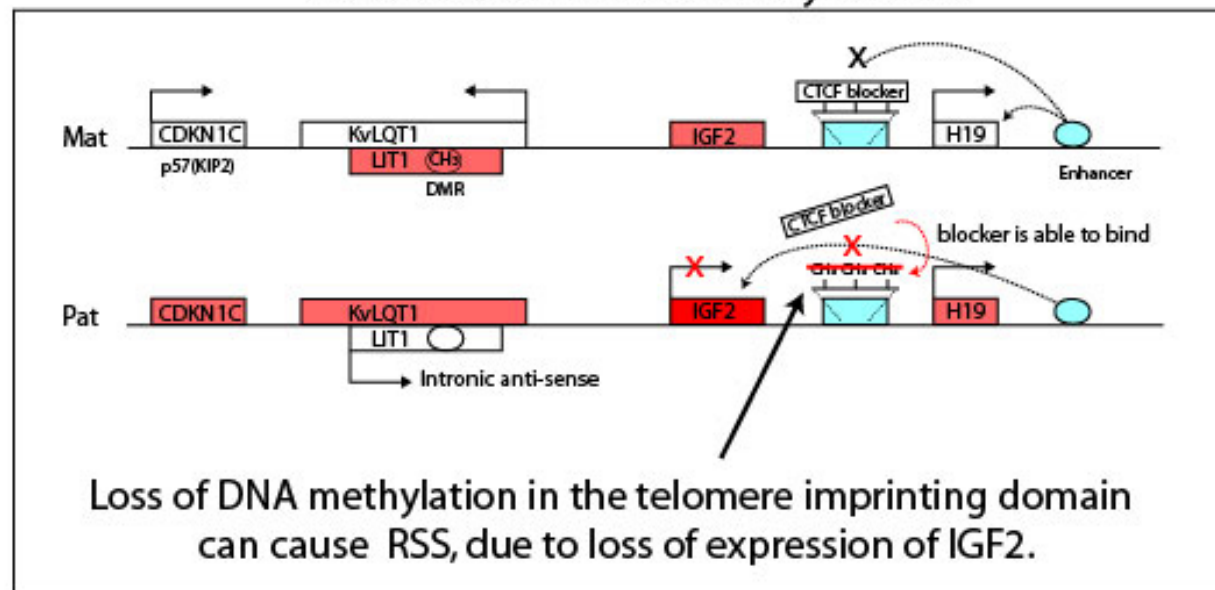
Russell-Silver Syndrome

- Growth
 - Low-birth-weight, short birth length
 - Small for gestational age
 - Normal mental development
- Physical features
 - Large fontanelles; pseudohydrocephalic appearance
 - Triangular face (petite face and relatively large head)
 - Forehead nevus flammeus
 - Blue sclera
 - Asymmetry of arms and /or legs
 - Fifth finger clinodactyly
 - Precocious sexual development
- Gene
 - Methylation abnormalities in IGF2

Normal



Abnormal in Russell-Silver Syndrome

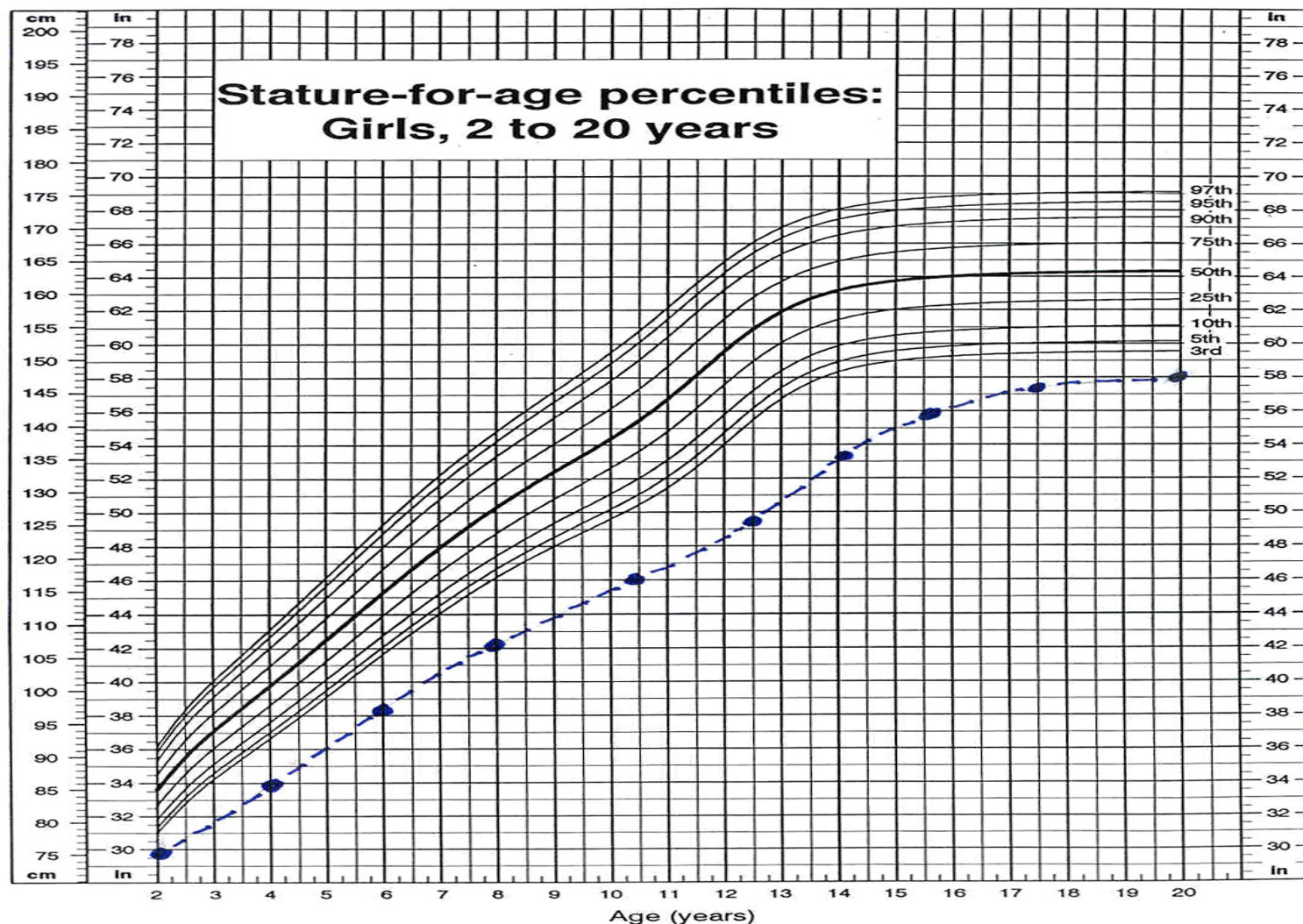




A



Newborn with SGA birth and relatively large head and proportionate short stature.



Typical growth curve and average height of an affected girl. Affected babies usually are SGA with 1.2-2.4 kg. birth weight. There is proportionate short stature but normal head circumference (relative macrocephaly).



Proportionate short stature and leg length discrepancy of the infant's right leg. In-curved little fingers (clinodactyly) in affected boy.

