

# Centromeric index

**Centromeric index** is a value used in cytogenetics when describing chromosomes. It is calculated according to the position of the centromere as the ratio of the length of the short arm  $p$  to the length of the entire chromosome  $p+q$ . Based on this value, we divide chromosomes into metacentric, submetacentric, acrocentric, etc.

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centromeric index $p/(p+q)$	chromosome type
0,5-0,39	metacentric
0,38-0,26	submetacentric
0,25-0,13	acrocentric
0,12-0	telocentric

## Links

- ws: Centromerický index

## related articles

- Centromere
- Chromosomes

## Resources

- ŠÍPEK, Antonín. *Genetika - Biologie* [online]. ©2010-2011. [cit. 22.10.2011]. <<http://www.genetika-biologie.cz/centromericky-index>>.