

Ancestral (ape-like) and Derived (sapiens-like) Traits

Trait	Ancestral (ape-like)	Derived (sapiens-like)
Fore-limb to hind-limb proportion	Forelimbs longer relative to shorter hind-limbs	Forelimbs shorter relative to longer hind-limbs
Os coxa shape	Longer, narrower, flatter cranially-caudally	Shorter, wider, curved ventrally
Position of knee relative to torso and pelvic girdle	Below and to the side of the torso and pelvic girdle	Below and beneath the torso and pelvic girdle
Shape of pedal phalanges (longer, curved/shorter, straight)	Longer, curved	Shorter, straight
Position of great toe relative to rest of toes (Divergent/Convergent)	Divergent	Convergent
Position of foramen magnum (more forward/more to the rear)	More to the rear	More forward
Prognathism (slight/pronounced)	Pronounced	Slight
Nasal bones (flattened/protruding)	Flattened	Protruding
Chin (receding/protruding)	Receding	Protruding
"Face to cranium" size (large to small or small to large)	Larger	Smaller
Position of temporal line (closer to/ further from sagittal suture)	Closer to sagittal suture	Further from sagittal suture
Shape of tooth row (parabolic/parallel)	Parallel	Parabolic
Diastema (present/absent)	Present	Absent

Hominins: Geographical localities and Dates

Hominin	Location	Dates
<i>Australopithecus afarensis</i>	East Africa	≈ 4 - 3 mya (Between about 3.85 and 2.95 mya)
<i>Australopithecus africanus</i>	South Africa	≈ 3 - 2 mya (About 3.3 to 2.1 mya)
<i>Paranthropus aethiopicus</i>	East Africa	≈ 2.4 mya (About 2.7 to 2.3 mya)
<i>Paranthropus bosei</i>	East Africa	≈ 2.5 - 1.5 mya (About 2.3 to 1.2)
<i>Paranthropus robustus</i>	South Africa	≈ 2 - 1 mya (1.8 to 1.2 mya)
Early <i>Homo</i> <i>Homo habilis</i>	East Africa	≈ 2.5 - 1.5 mya (2.4 million to 1.4 mya)
Early <i>Homo</i> <i>Homo rudolfensis</i>	East Africa	≈ 1.8 - 1.4 mya
<i>Homo erectus</i>	Northern, Eastern, and Southern Africa; Western Asia (Dmanisi, Republic of Georgia); East Asia (China and Indonesia)	≈ 1.8 mya - ca. 100,000 ya
<i>Homo heidelbergensis</i>	Africa, Europe, and Asia (?)	About 700,000 to 200,000
<i>Homo neanderthalensis</i>	Europe, Western Asia (Israel, Iraq) and Southern Siberia	(300,000) 125 - 30,000 BP About 200,000 - 28,000 years ago
<i>Homo sapiens</i>	Widely dispersed in all areas on earth to which they can adapt culturally (and for short time off earth)	≈ 200,000 ya - present